



Main Entrance



Side Entrance



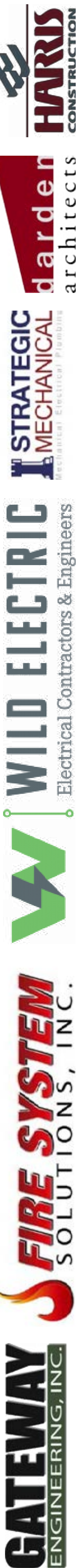
Street View

RENDERINGS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

Fresno County

Clovis Library- Enhanced Bid





Main Entry



Service Desk



Service Desk



Main Stacks

Proposed Wallcovering location



Kids Area

Proposed Wallcovering location



Main Stacks



Friends Bookstore

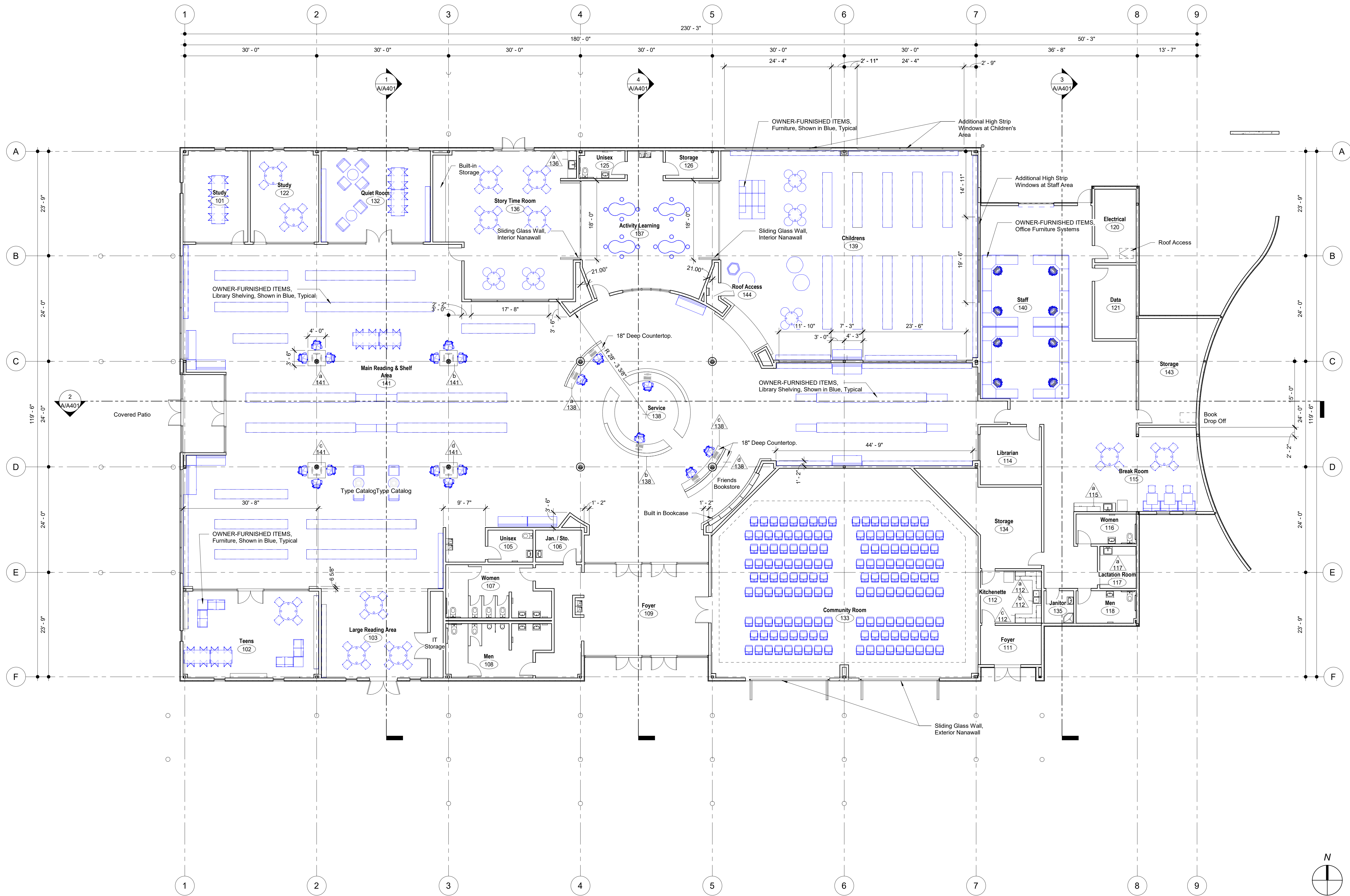
RENDERINGS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

Fresno County

Clovis Library- Enhanced Bid





FLOOR PLAN

Scale: 1" = 10'-0"

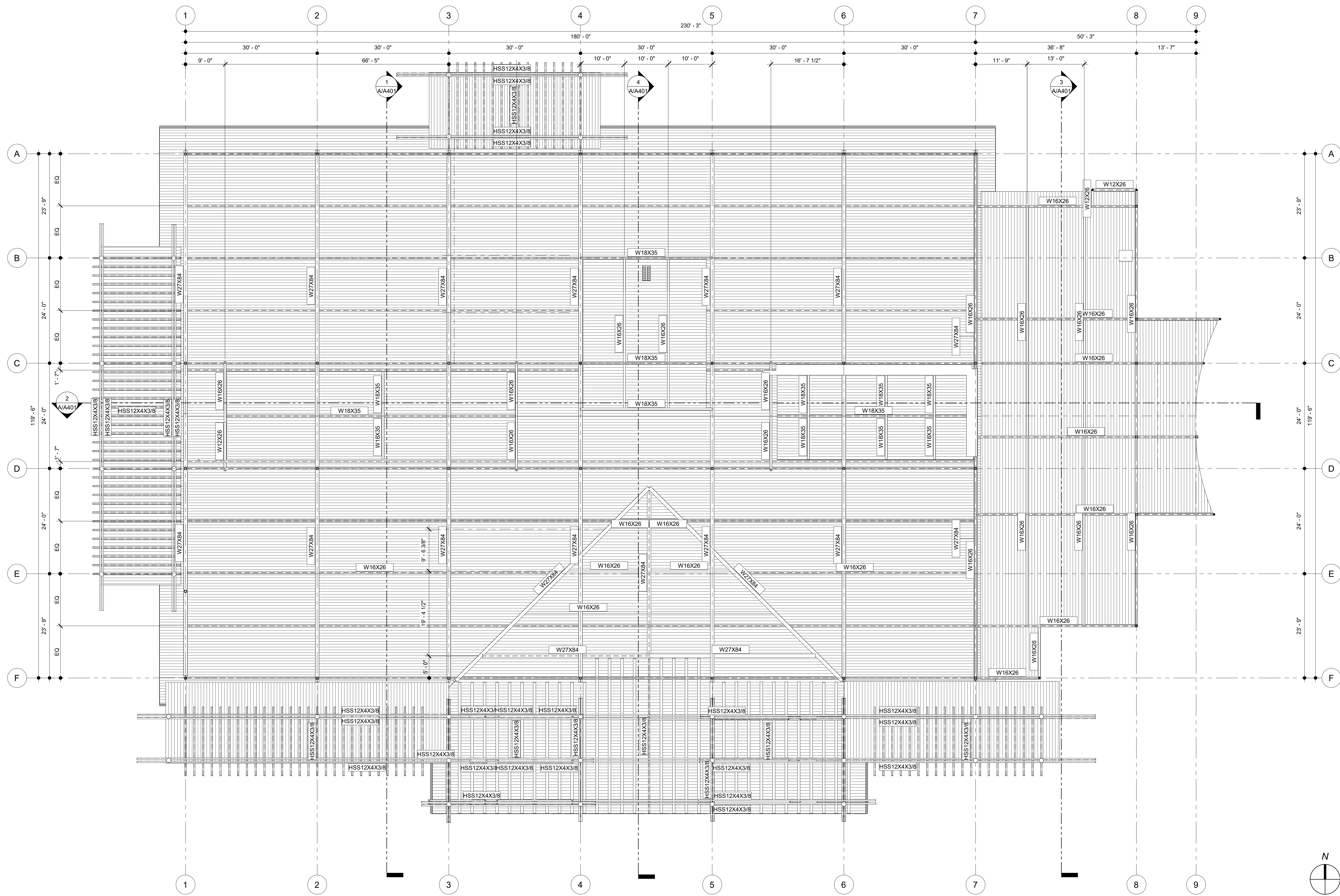
Fresno County

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Project Number: 2455

A/A101



PRELIMINARY FRAMING PLAN

Scale: 1" = 10'-0"

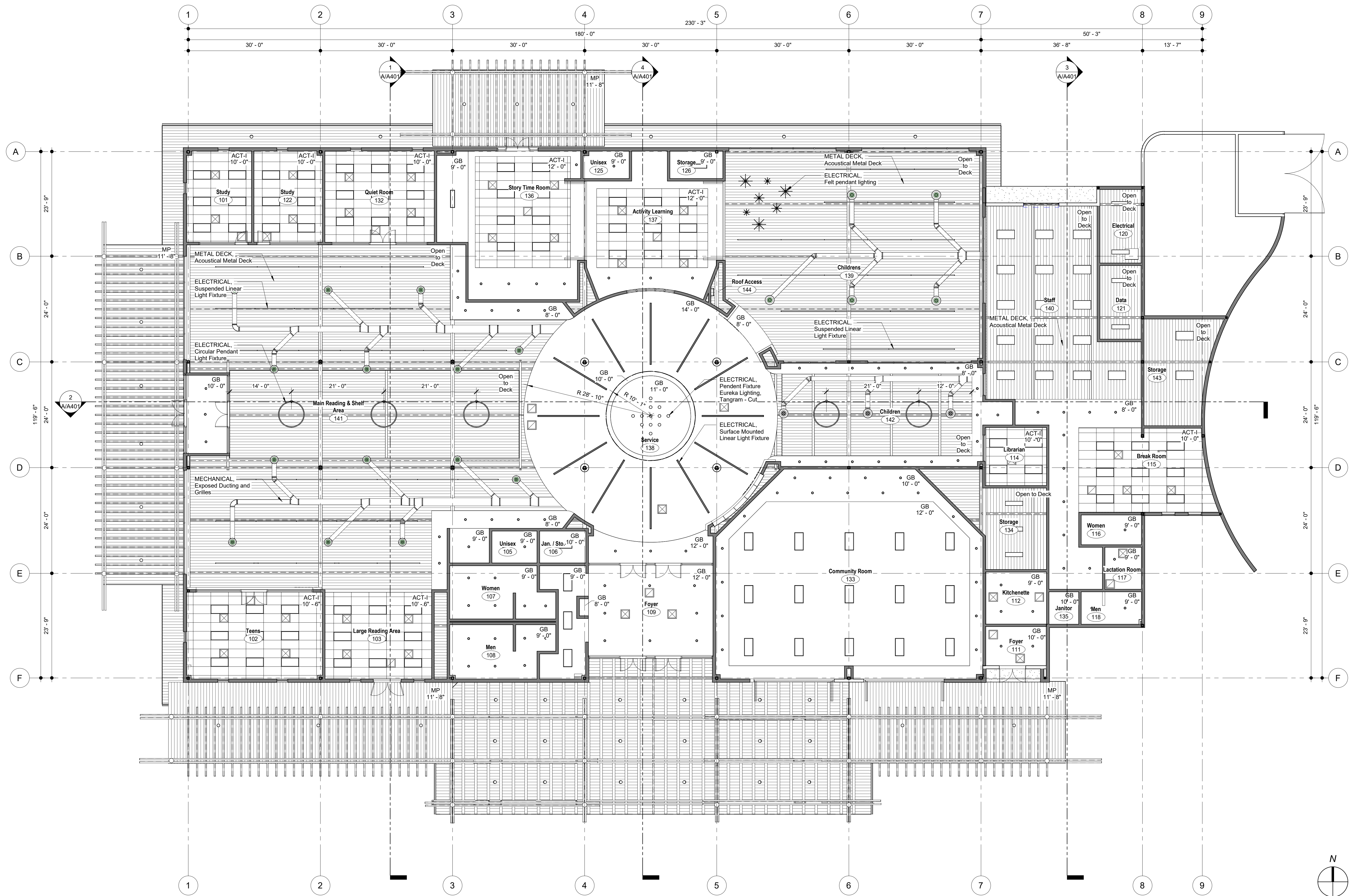
Fresno County

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Project Number: 2455

A/A102



REFLECTED CEILING PLAN

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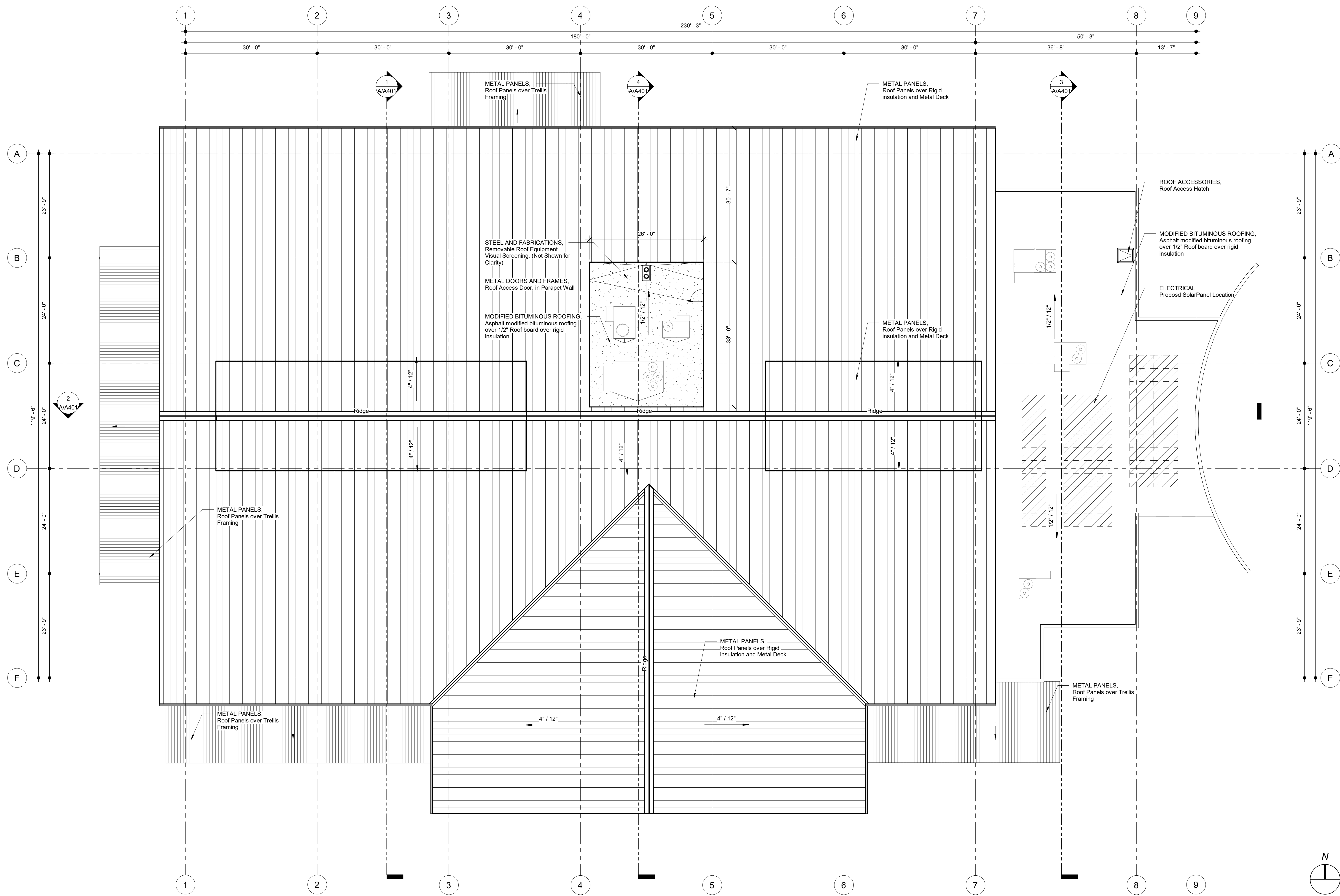
Fresno County

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Project Number: 2455

A/A201



ROOF PLAN
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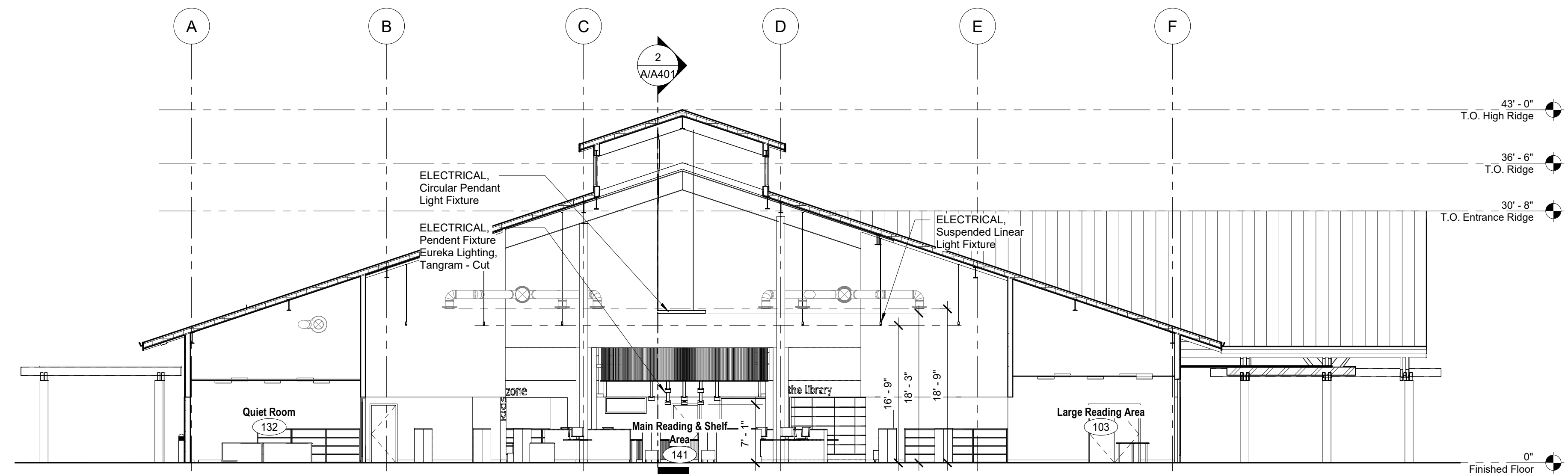
Fresno County
 Clovis Library- Enhanced



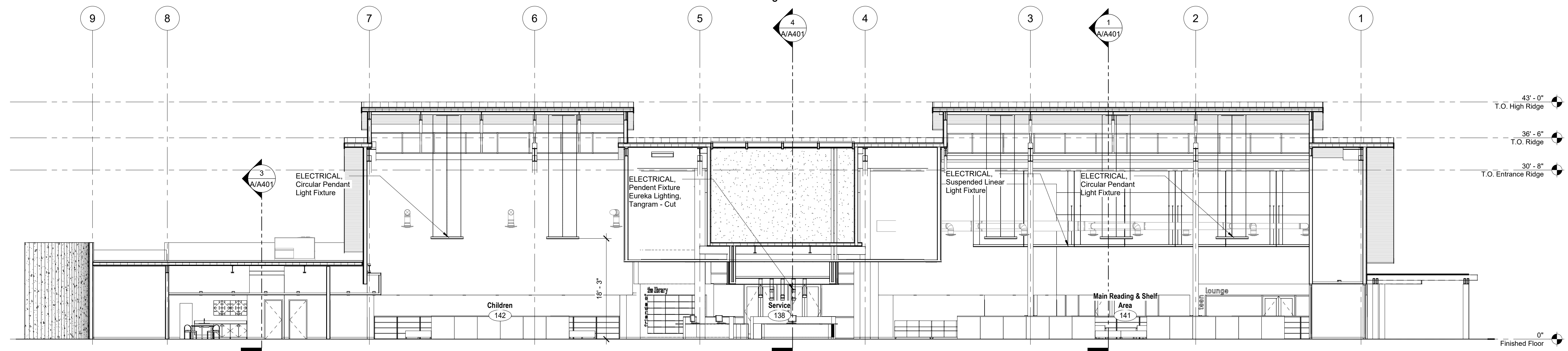




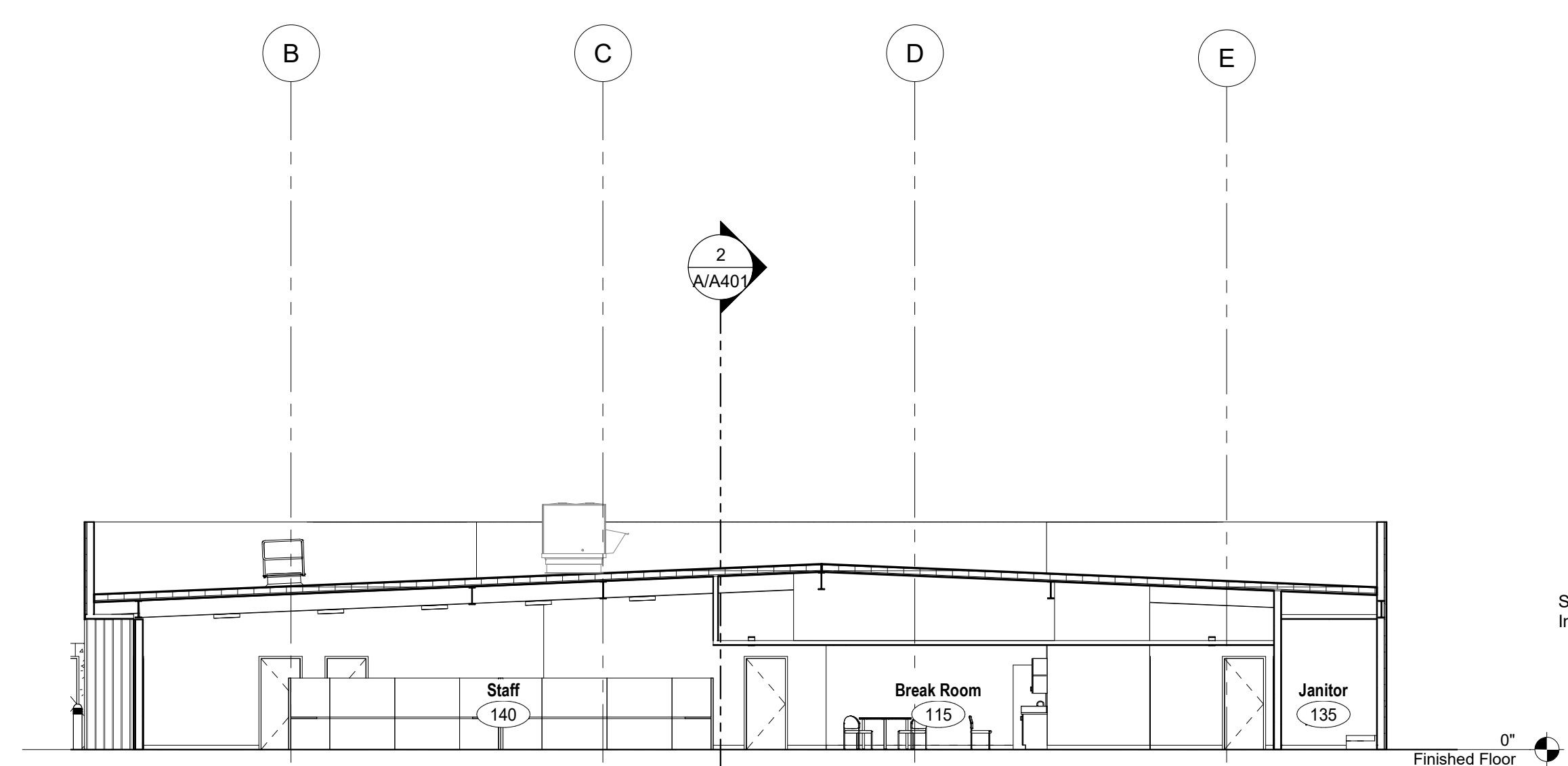

Project Number: 2455
A/A301



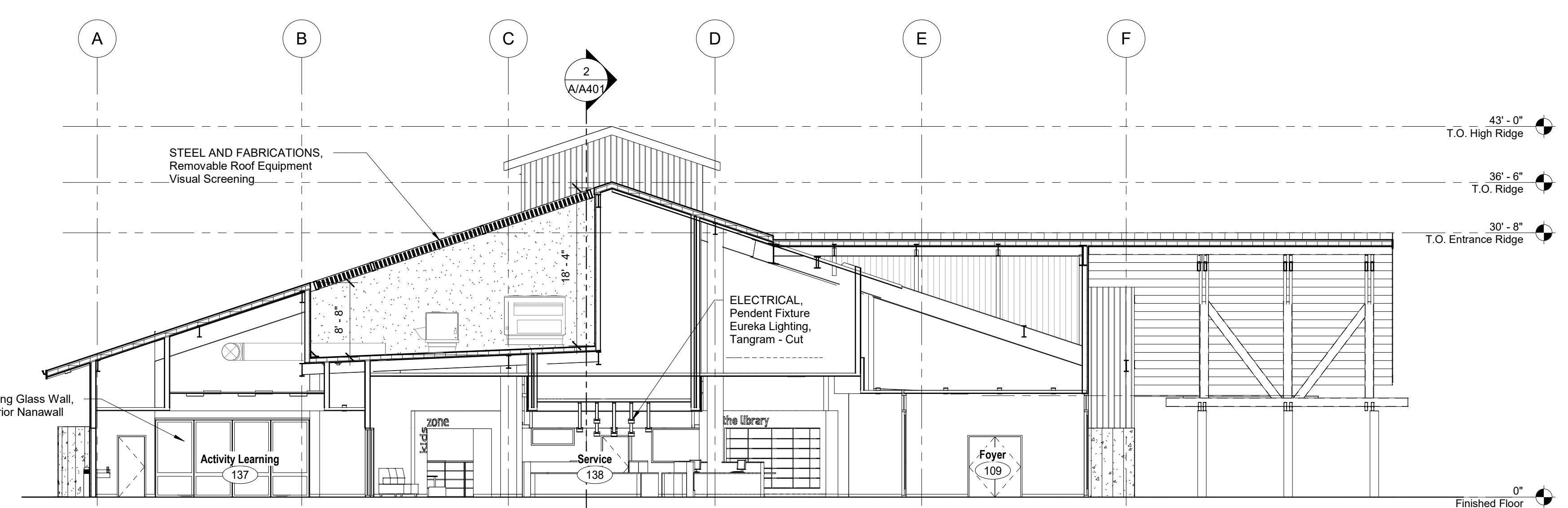
Building Section 1



Building Section 2



Building Section 3



Building Section 4

BUILDING SECTION

Scale: 1" = 10'-0"

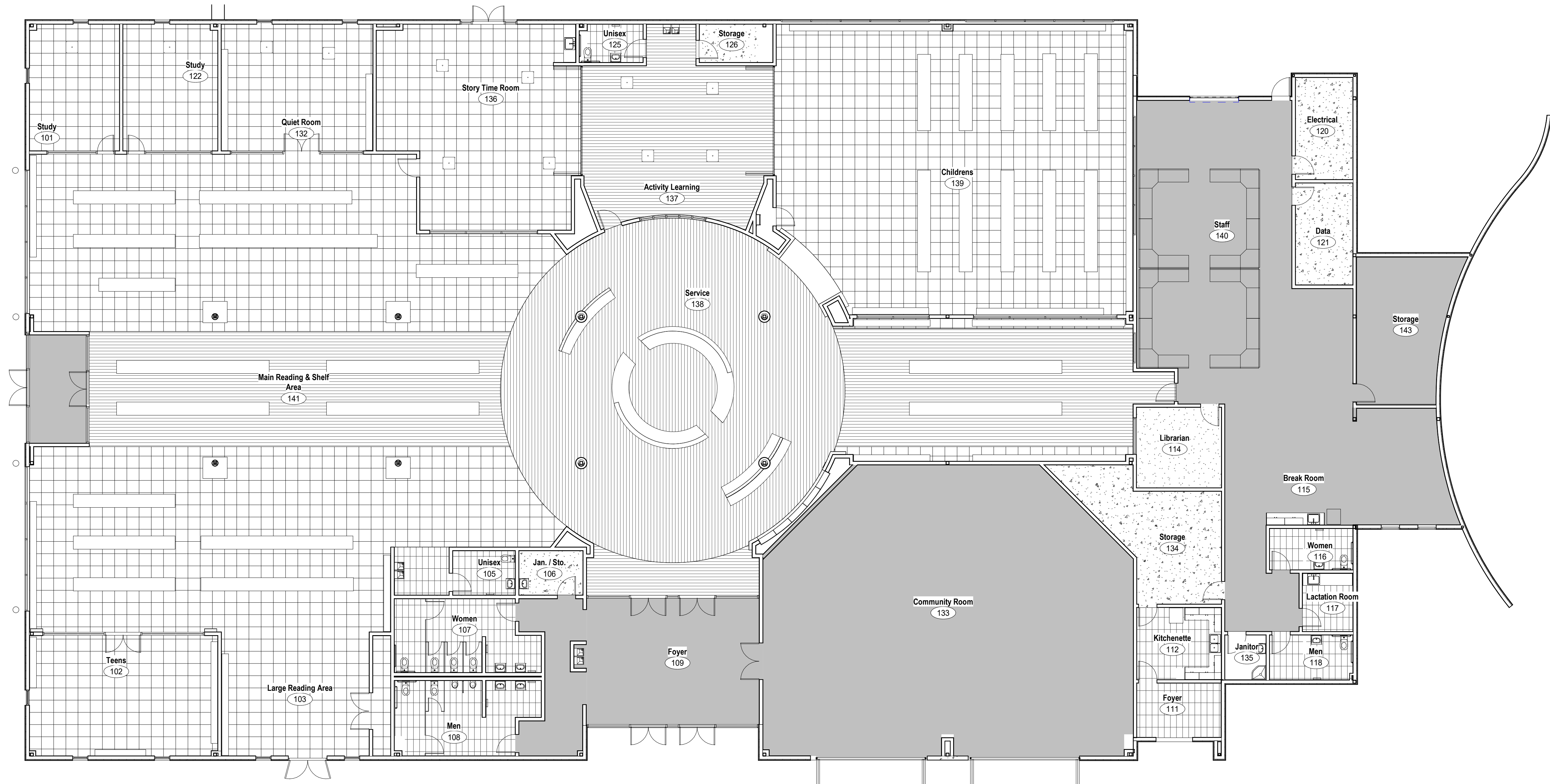
Fresno County

Clovis Library- Enhanced

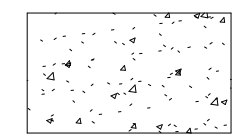
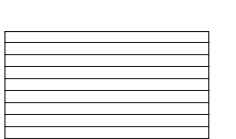

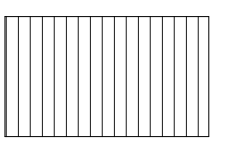

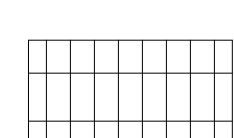


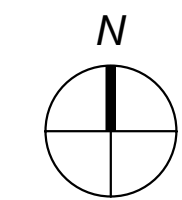
Project Number: 2455

A/A401



FLOOR PATTERN LEGEND

	CAST-IN-PLACE CONCRETE, Clear Floor Sealer Approx. Cost \$2.50 per sq. ft.		RESILIENT TILE, Luxury Vinyl Tile, Color 1 Shaw Contract Abide 4107V, Maize Wenge 07210.
	CAST-IN-PLACE CONCRETE, Polished Concrete Approx. Cost \$8.00 per sq. ft.		RESILIENT TILE, Luxury Vinyl Tile, Color 2 Shaw Contract Abide 4107V, Coriander Oak 07720.
	CARPET, Modular, 24" x 24" Shaw Contract: Vast Tile 5T009, Color Enfold 09761		
	TILE, Porcelain Tile, 12" x 24" Approx. Product Cost \$3.50 per sq. ft.		



FLOOR PLAN - FLOORING PLAN

Scale: As indicated

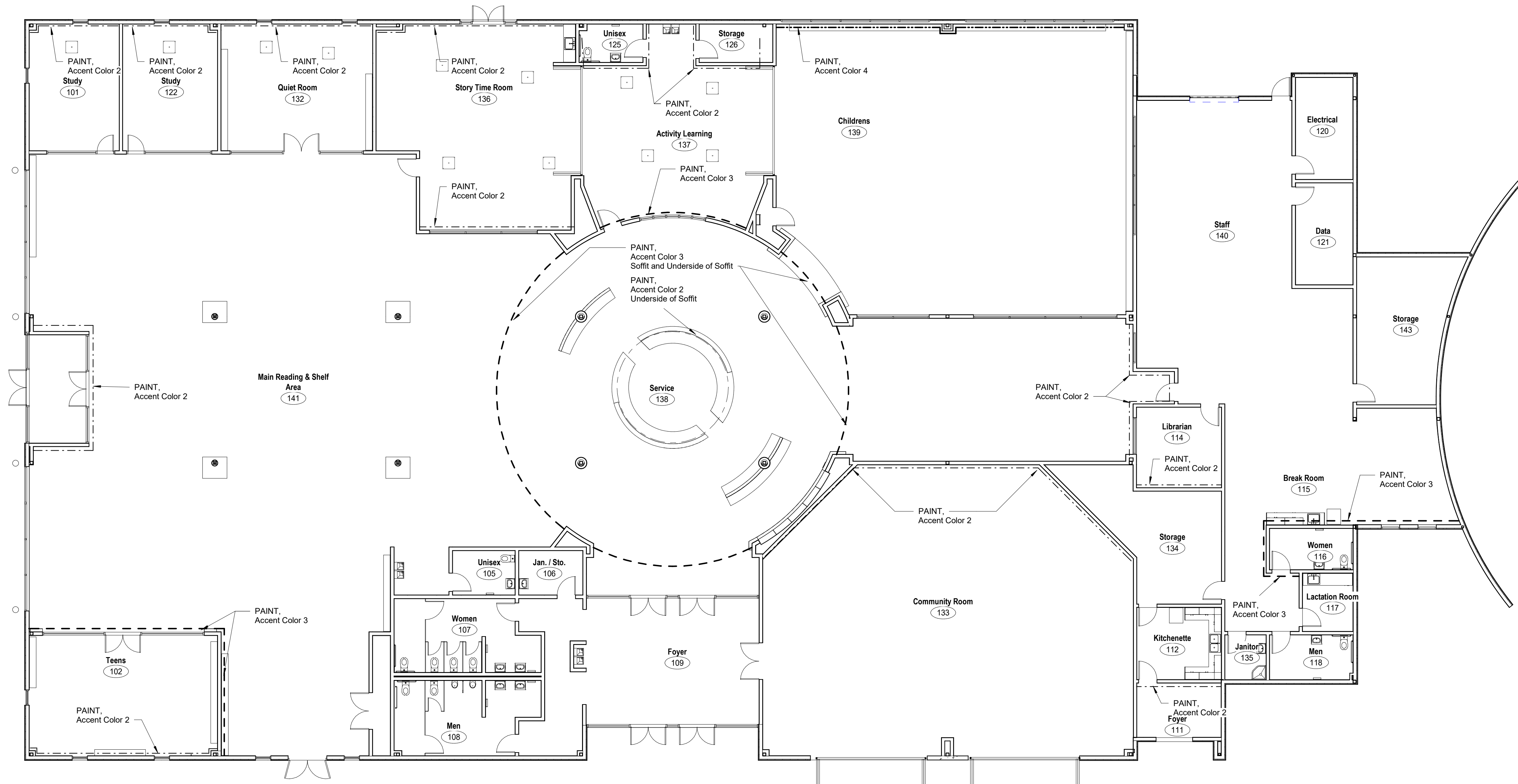
Fresno County

Clovis Library- Enhanced



Project Number: 2455

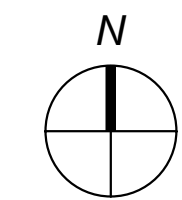
A/A801



PAINT LEGEND

- PAIN, Accent Color 2
- - - PAIN, Accent Color 3
- · - · PAIN, Accent Color 4

Note: All Gypsum Board Surfaces to be painted Color 1, Unless otherwise noted above.



FLOOR PLAN - PAINT PLAN

Scale: As indicated

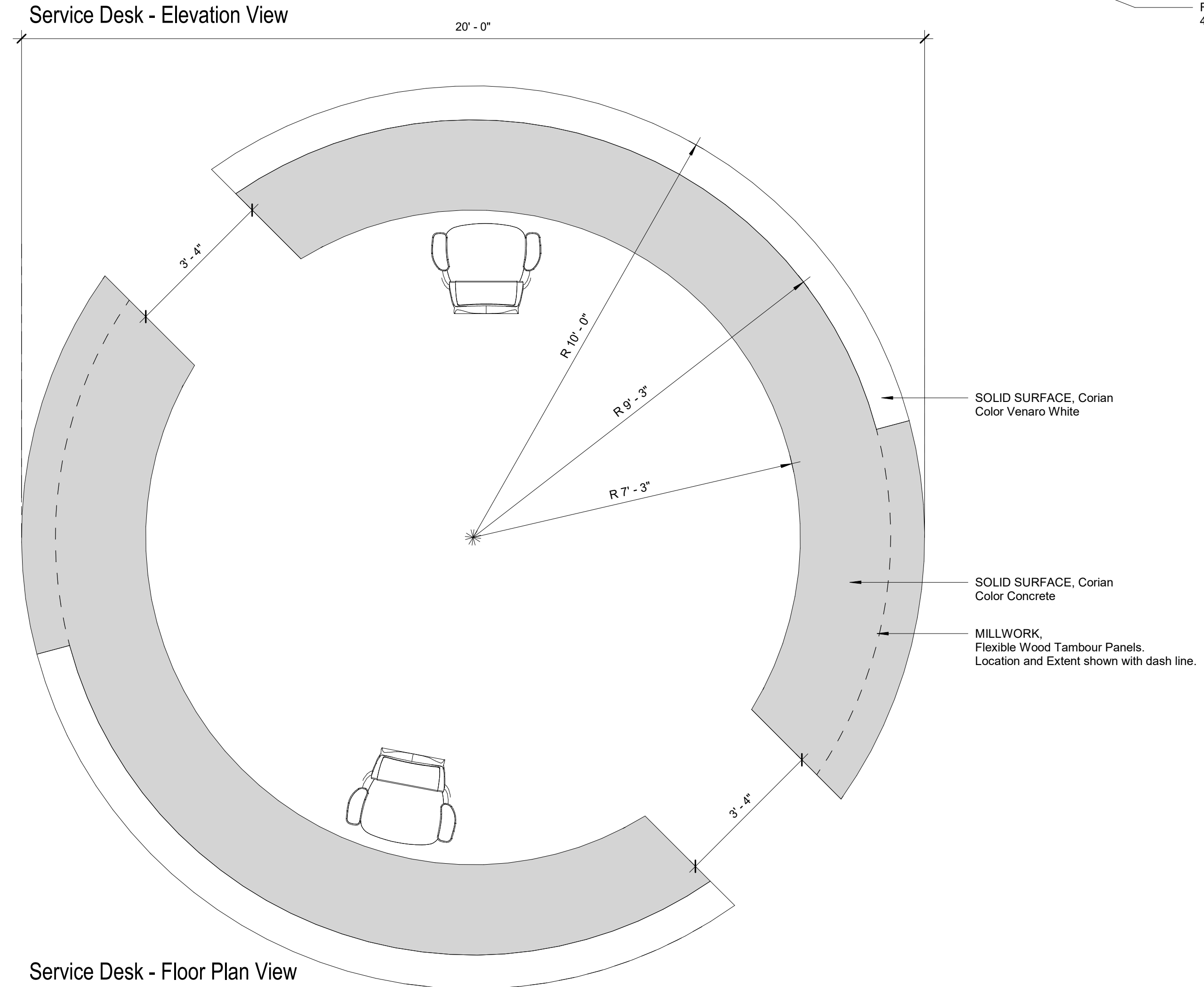
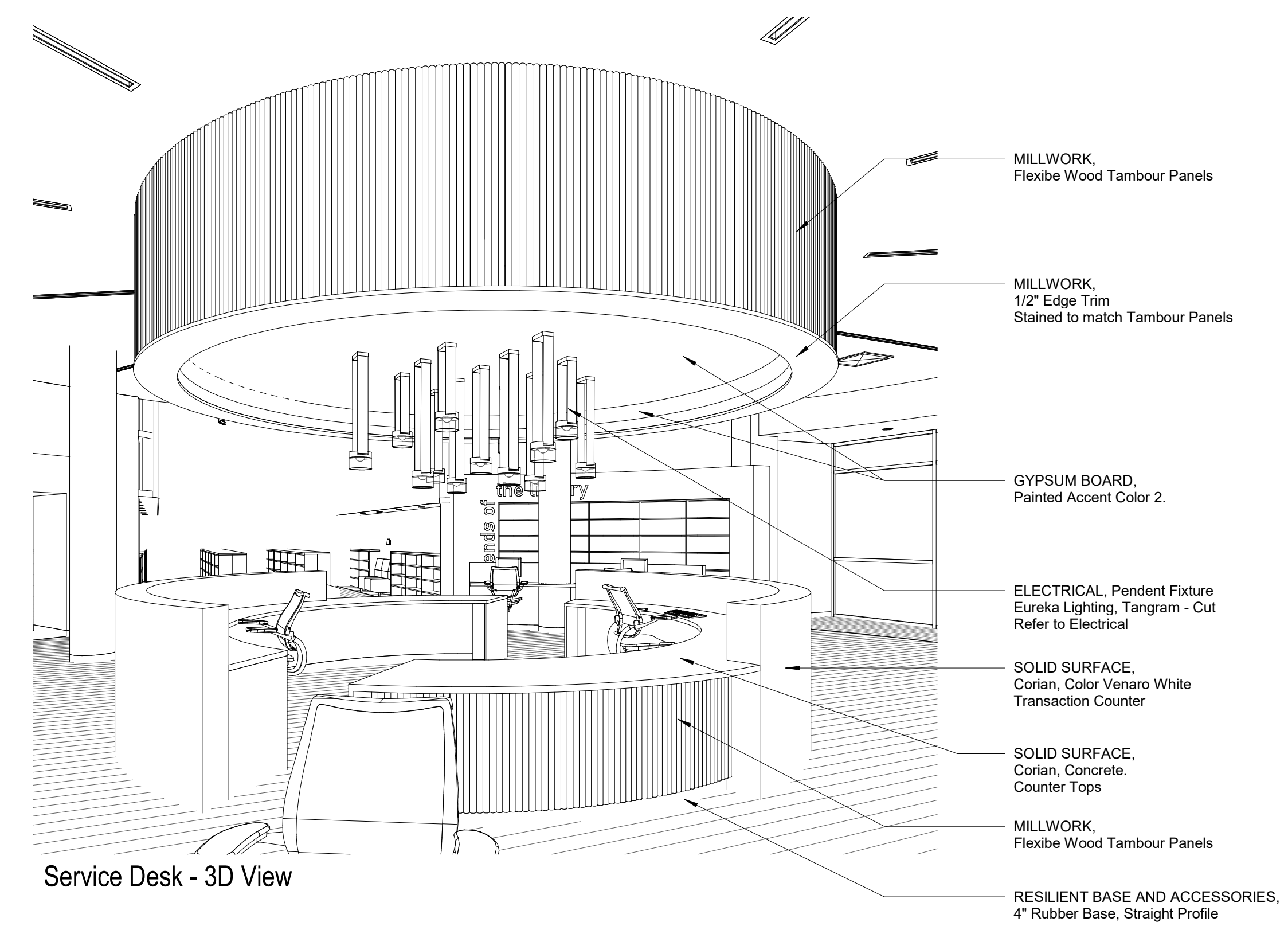
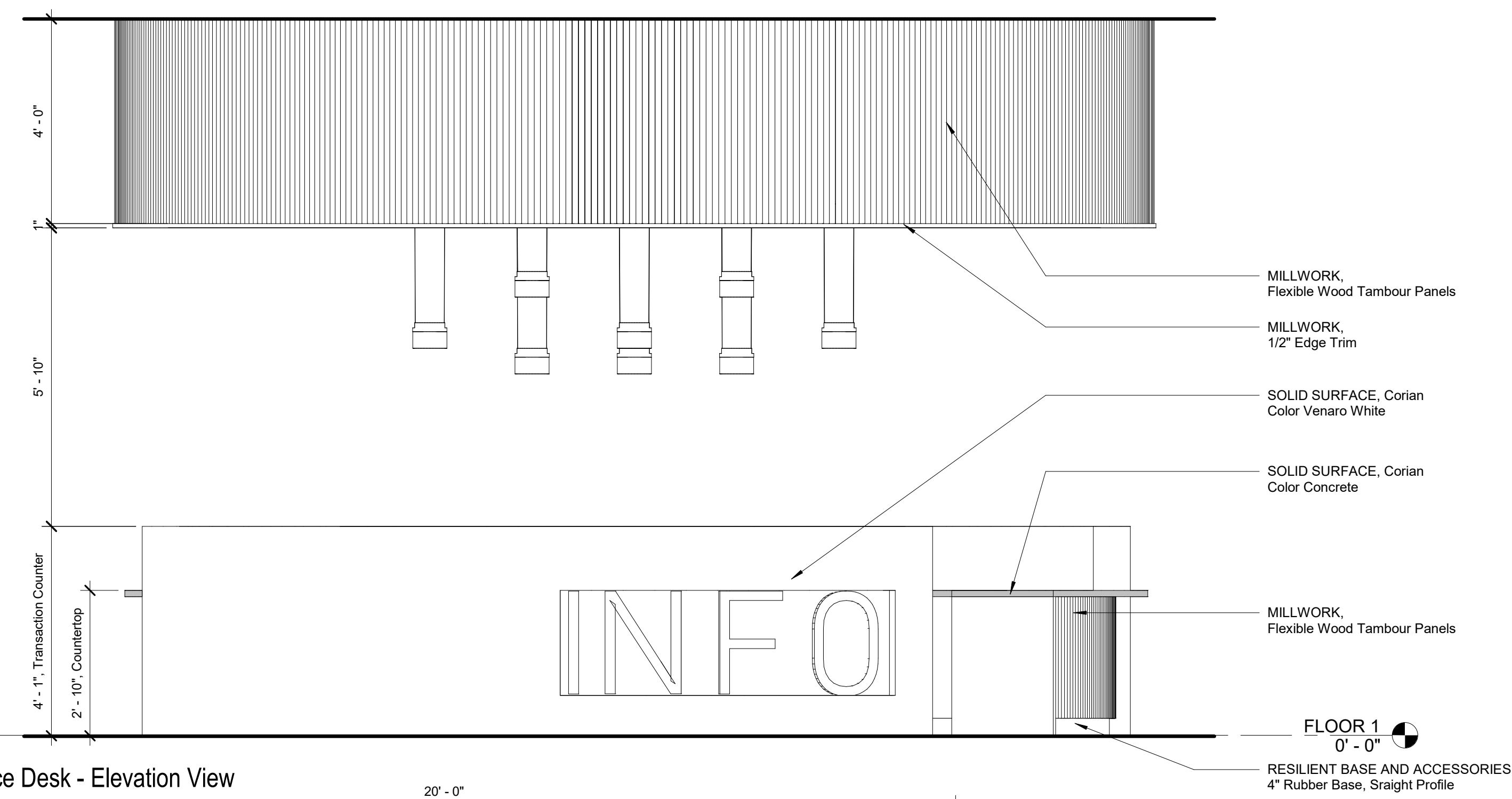
Fresno County

Clovis Library- Enhanced



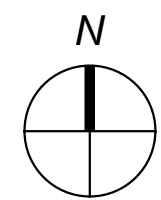
Project Number: 2455

A/A802



Casework Schedule								
Room No	Group No.	Description	Catalog No.	No Req'd	Length	Height	Depth	Remarks
112	a 112	Base Cabinet w/o Drawers	162	1	4' - 0"	2' - 8 1/2"	1' - 11"	
112	a 112	Wall Hung Cabinet	342	1	2' - 4"	2' - 8"	1' - 2"	
112	a 112	Wall Hung Cabinet	342	1	2' - 6"	2' - 8"	1' - 2"	
112	a 112	Countertop		1	11' - 10 5/32"	2' - 10"	2' - 1"	Solid Surface
112	b 112	Base Cabinet w/o Drawers	158	1	3' - 9"	2' - 8 1/2"	1' - 11"	
112	b 112	Base Cabinet w/o Drawers	176	2	4' - 0"	2' - 8 1/2"	2' - 0"	
112	b 112	Wall Hung Cabinet	342	2	2' - 10"	2' - 8"	1' - 2"	
112	c 112	Base Cabinet w/o Drawers	162	1	4' - 0"	2' - 8 1/2"	1' - 11"	
112	c 112	Wall Hung Cabinet	342	1	2' - 4"	2' - 8"	1' - 2"	
112	c 112	Wall Hung Cabinet	342	1	2' - 6"	2' - 8"	1' - 2"	
115	a 115	Base Cabinet w/o Drawers	158	1	3' - 6"	2' - 8 1/2"	1' - 11"	
115	a 115	Base Cabinet w/o Drawers	162	2	3' - 0"	2' - 8 1/2"	1' - 11"	
115	a 115	Wall Hung Cabinet	342	2	3' - 0"	2' - 8"	1' - 2"	
115	a 115	Countertop		1		2' - 10"	2' - 0"	Solid Surface
117	a 117	Base Cabinet w/o Drawers	158	1	3' - 6"	2' - 8 1/2"	1' - 11"	
117	a 117	Base Cabinet w/ Drawers	211	1	1' - 6"	2' - 8 1/2"	1' - 11"	
117	a 117	Countertop		1		2' - 10"	2' - 0"	Solid Surface
136	a 136	Base Cabinet w/o Drawers	158	1	3' - 6"	2' - 8 1/2"	1' - 11"	
136	a 136	Base Cabinet w/ Drawers	211	1	1' - 3"	2' - 8 1/2"	1' - 11"	
136	a 136	Base Cabinet w/ Drawers	254	1	1' - 6"	2' - 8 1/2"	1' - 11"	
136	a 136	Countertop		1		2' - 10"	2' - 0"	Solid Surface
138	a 138	Computer Countertop	Custom	1				Solid Surface. Refer to Floor Plan for Dimensions
138	b 138	Service Desk	Custom	1	20' - 0"	3' - 0"	20' - 0"	Refer to Details
138	c 138	Computer Countertop	Custom	1				Solid Surface. Refer to Floor Plan for Dimensions
138	d 138	Computer Countertop	Custom	1				Solid Surface. Refer to Floor Plan for Dimensions
141	a 141	Computer Countertop	Custom	1				Solid Surface. Refer to Floor Plan for Dimensions
141	b 141	Computer Countertop	Custom	1				Solid Surface. Refer to Floor Plan for Dimensions
141	c 141	Computer Countertop	Custom	1				Solid Surface. Refer to Floor Plan for Dimensions
141	d 141	Computer Countertop	Custom	1				Solid Surface. Refer to Floor Plan for Dimensions

PACKAGE HEAT PUMP SCHEDULE																							
TAG	LOCATION	SERVICE	MFG	MODEL	SIZE (TONS)	TYPE	ELECTRICAL			PERFORMANCE				EVAPORATOR BLOWER				FILERS QTY/SIZE	FILTER RATING	OUTSIDE AIR (CFM)	REFRIGERANT	OPERATING WEIGHT (LBS)	
							MCA	MOCP	VOLTS/PHASE	ARI COOLING TOTAL (MBH)	ARI COOLING SENSIBLE (MBH)	IEER/EER	HEATING OUTPUT (MBH)	HSPF	CFM	ESP (IN WC)	RPM/DRIVE						MOTOR BHP
AC-1	MECHANICAL WELL	STUDY AND ACTIVITY ROOMS			10		49	60	208/3	125.29	93.44	15/11	116.4		4000			1.46				R-454B	955
AC-2	MECHANICAL WELL	MAIN COLLECTION			25		134.8	175	208/3	290.25	281.61	15/11	284.3		10,000			2.97				R-454B	2250
AC-3	MECHANICAL WELL	TEEN AREA AND ENTRY			6		48	60	208/3	74.99	59.58	15/11	65.1		2400			0.96				R-454B	599
AC-4	ROOF	CHILDREN'S AREA			12.5		90	100	208/3	148.79	108.05	15/10.6	128.9		5000			1.4				R-454B	1250
AC-5	ROOF	OFFICE AREA			8.5		69	70	208/3	100.58	76.08	15/11	91.4		3400			1.04				R-454B	812
AC-6	ROOF	PERFORMING AREA			8.5		69	70	208/3	100.58	76.08	15/11	91.4		3400			4.04				R-454B	812



MECHANICAL SCHEDULES

Scale: NTS

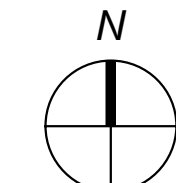
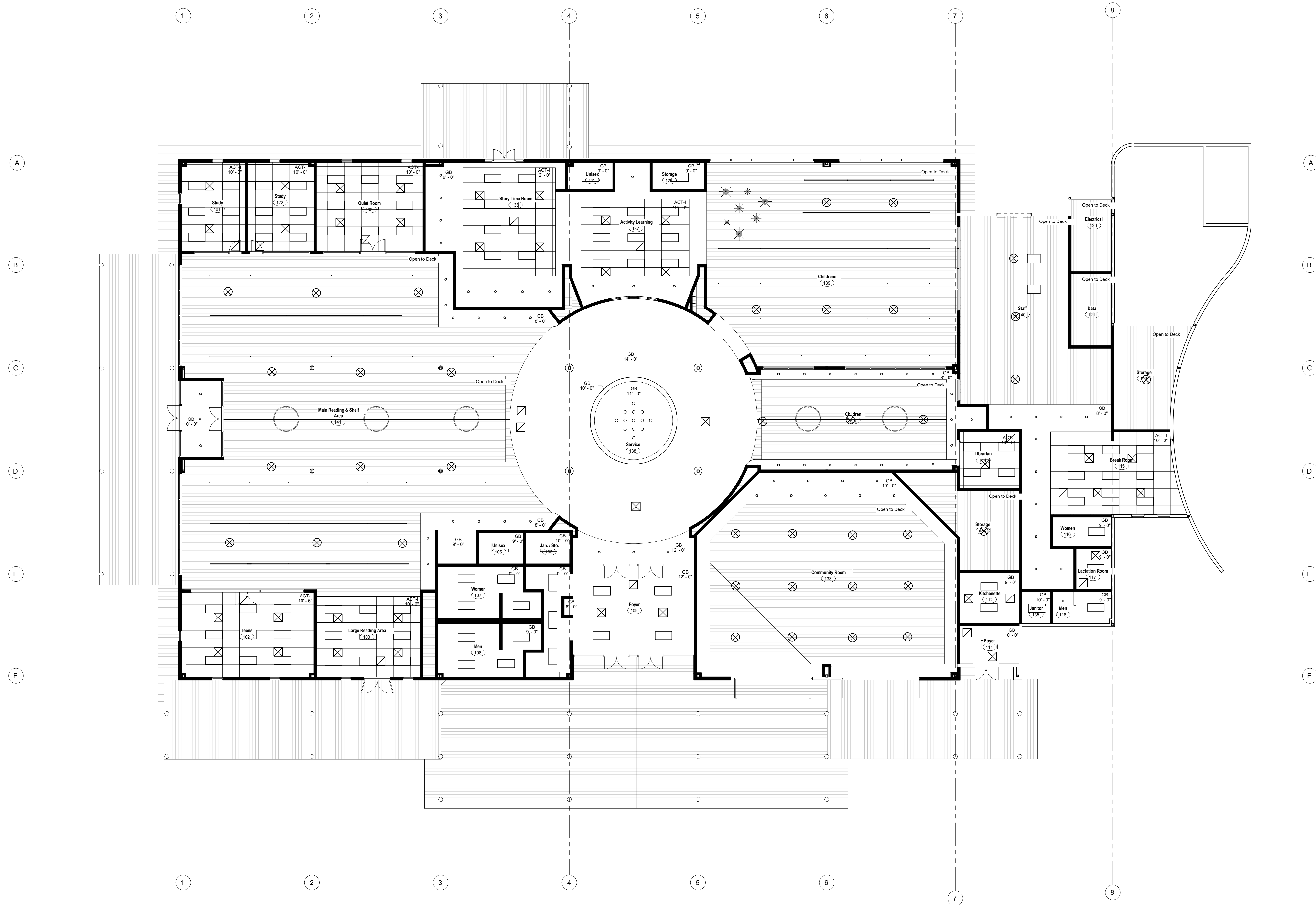
NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

Fresno County

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Project Number: 2455

M000



GRILLE LAYOUT

Scale: NTS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

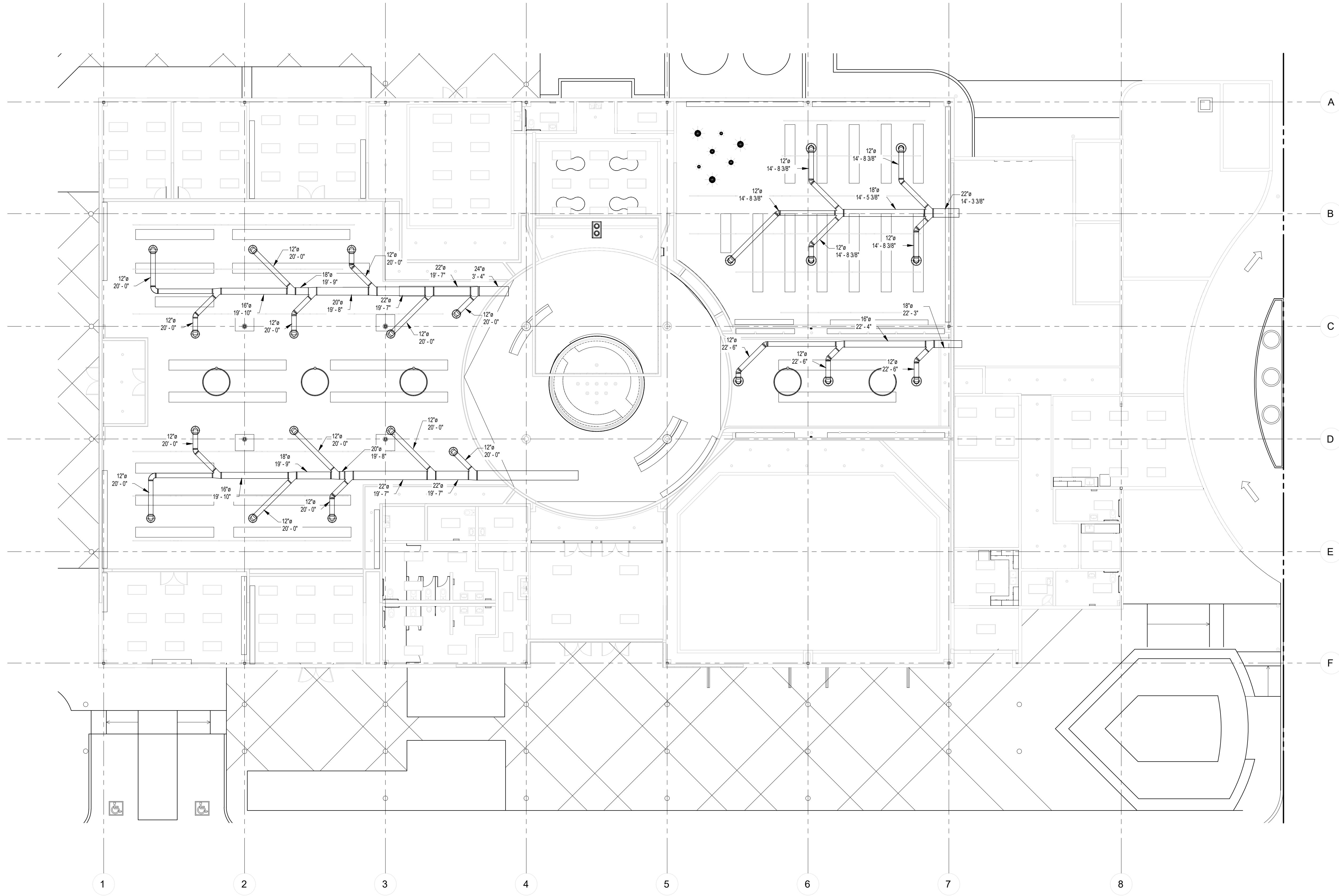
Fresno County

Clovis Library- Enhanced



Project Number: 2455

M100



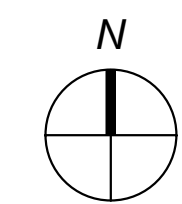
EXPOSED DUCT PLAN

Scale: NTS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

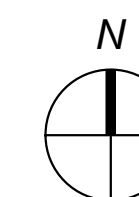
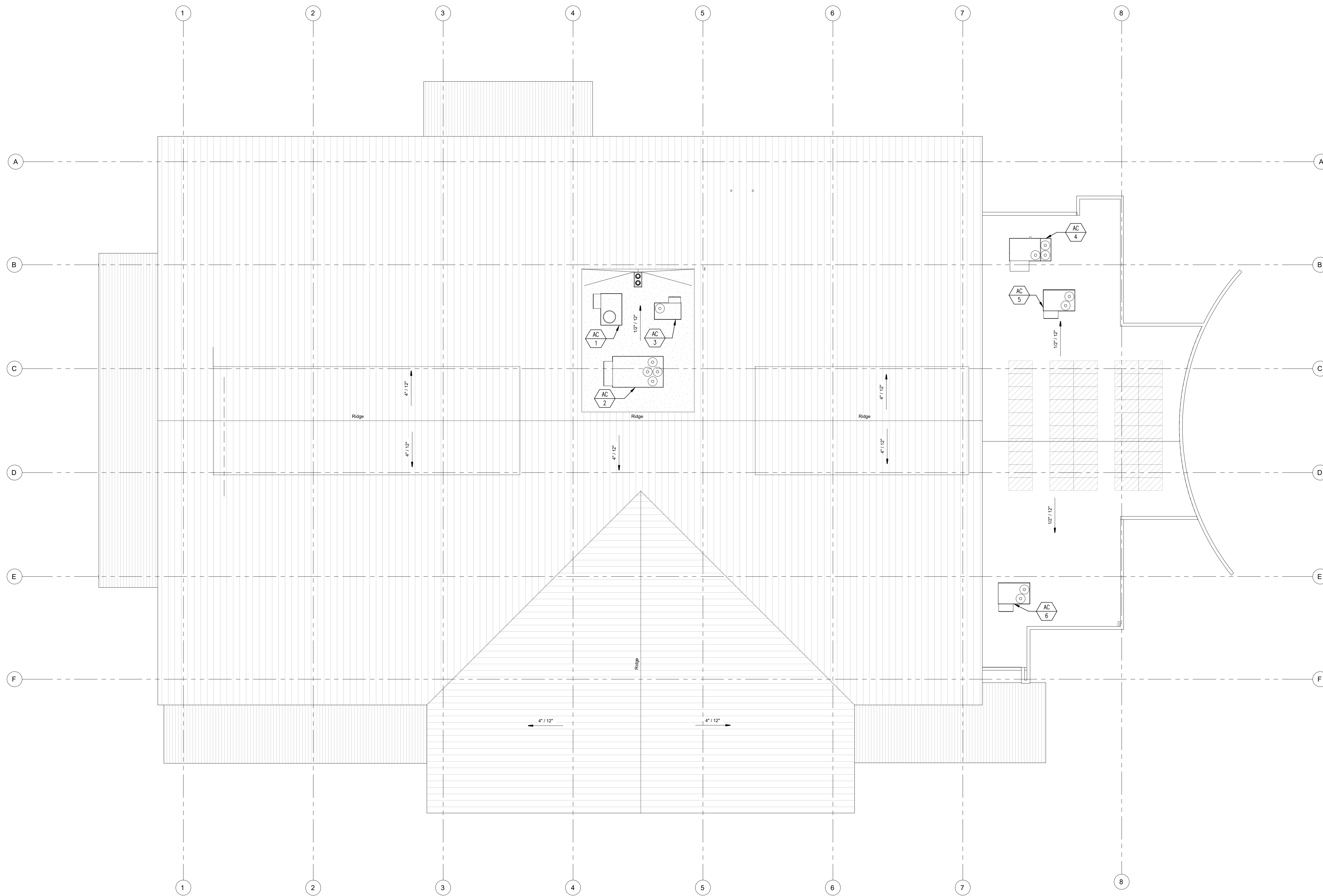
Fresno County

Clovis Library- Enhanced



Project Number: 2455

M101



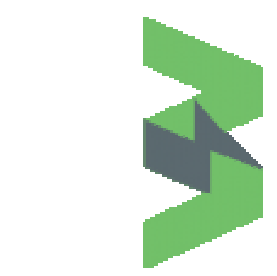
MECHANICAL EQUIPMENT PLAN

Scale: NTS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

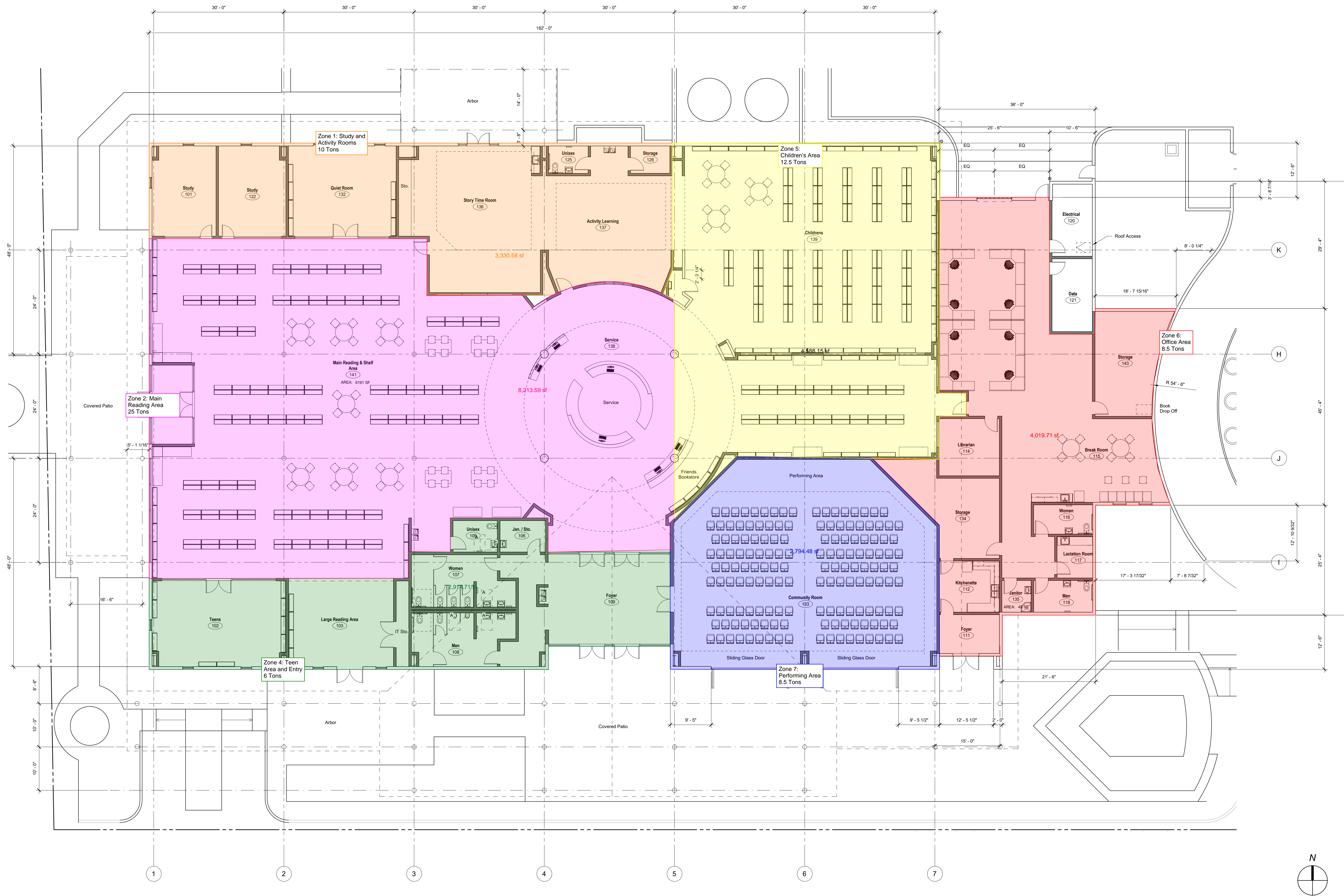
Fresno County

Clovis Library- Enhanced



Project Number: 2455

M200



MECHANICAL ZONING PLAN

Scale: NTS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

Fresno County

Clovis Library- Enhanced



Project Number: 2455

M201



Main Entrance



Front View



Front/Main Entrance Aerial



Street View



Delivery/Drop Off

RENDERINGS

Fresno County

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

Reedley Library- Enhanced Bid



Service Desk and Computer Stations



Entrance to Kids Area



Main Stacks



Teen Area



Kids Reading Area



Library Entrance

Proposed Wallcovering location



Main Stacks

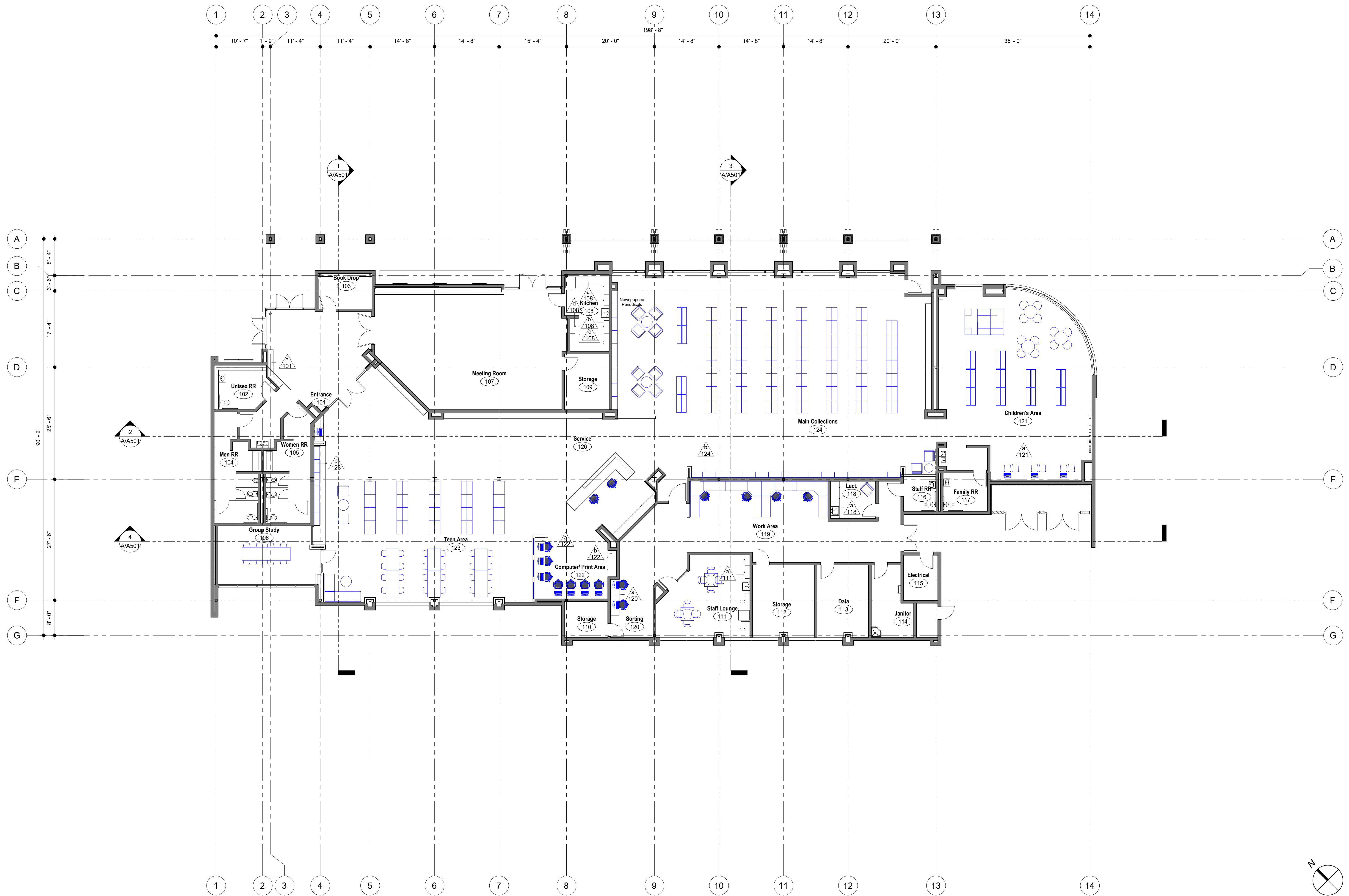
RENDERINGS

Fresno County

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

Reedley Library- Enhanced Bid

HARRIS CONSTRUCTION
gardner architects
STRATEGIC MECHANICAL Residential, Commercial, Plumbing
WILD ELECTRIC Electrical Contractors & Engineers
FIRE SYSTEM SOLUTIONS, INC.
GATEWAY ENGINEERING, INC.



FLOOR PLAN

Scale: 1" = 10'-0"

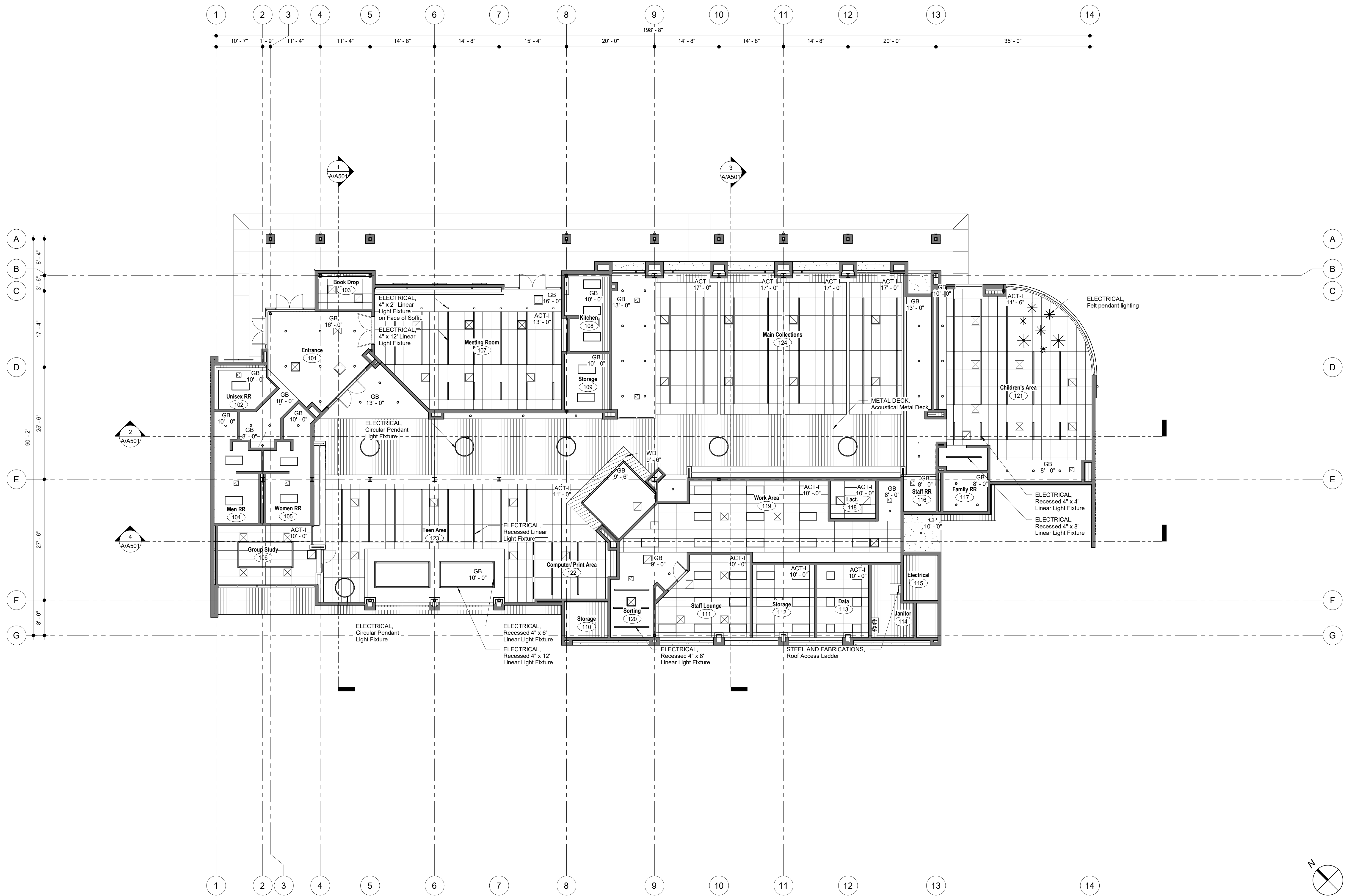
Fresno County

Reedley Library- Enhanced



Project Number: 2455

A/A101

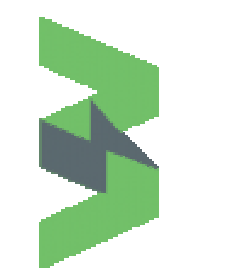


REFLECTED CEILING PLAN

Scale: 1" = 10'-0"

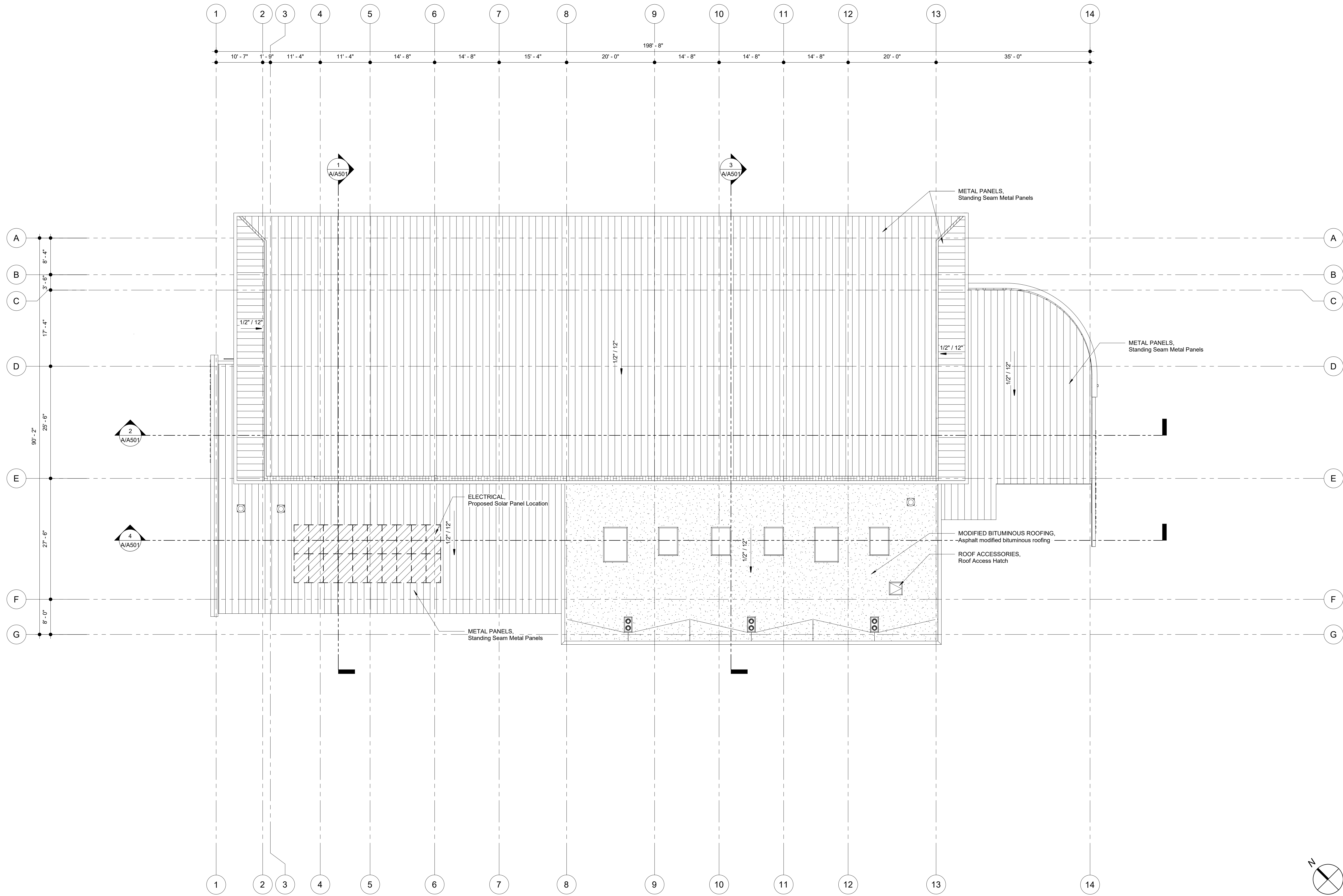
Fresno County

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Project Number: ####

A/A201



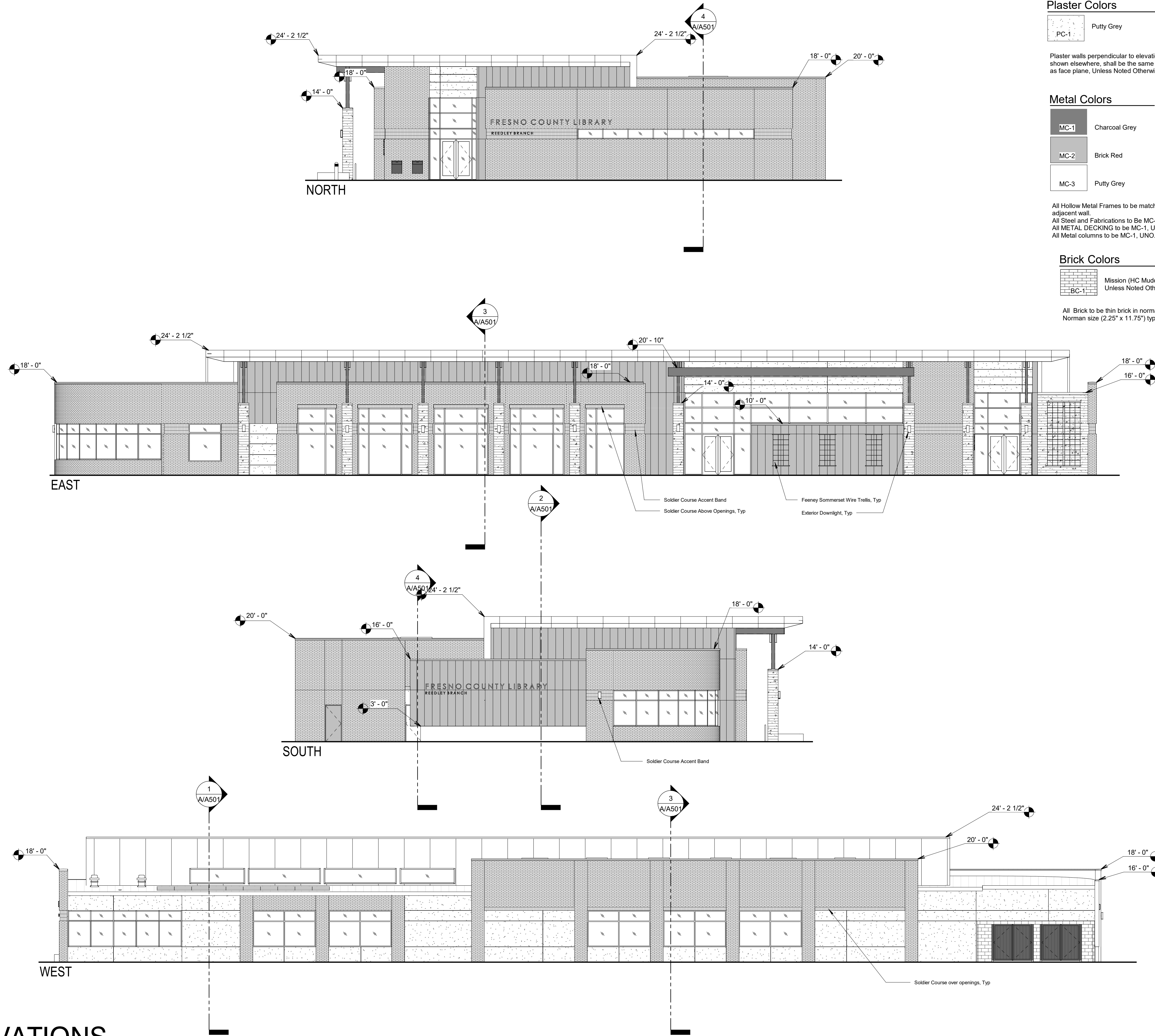
ROOF PLAN
 Scale: 1" = 10'-0"

Fresno County
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Project Number: 2455

A/A301



EXTERIOR COLOR LEGEND

Plaster Colors		CMU Colors	
PC-1	Putty Grey	BC-1	Natural (veneer and block occurs at Trash Enclosure only)

Plaster walls perpendicular to elevation, not shown elsewhere, shall be the same color as face plane, Unless Noted Otherwise.

Metal Colors		MCM Colors	
MC-1	Charcoal Grey	MCM-1	Bone White Unless Noted Otherwise
MC-2	Brick Red		
MC-3	Putty Grey		

All Hollow Metal Frames to be match adjacent wall.
 All Steel and Fabrications to Be MC-1 UNO.
 All METAL DECKING to be MC-1, UNO.
 All Metal columns to be MC-1, UNO.

Brick Colors

BC-1	Mission (HC Muddox) Unless Noted Otherwise
------	--

All Brick to be thin brick in norman Norman size (2.25" x 11.75") typ.

Metal Panel Colors

MP-1	Natural Corten Steel (Western States Metal Roofing 18" "Western Reveal NR")
------	---

WINDOWS/CURTAIN WALL

All Glazing to be dual pane with Guardian Super Neutral 54 on the 2nd face. All frames to be Clear annotated.

TILE

All Tile to be Board Formed Concrete Tile in Nautal Concrete finish, set over typical Paster mortar bed.

EXTERIOR ELEVATIONS
 Scale: As indicated

Fresno County
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HARRIS CONSTRUCTION

garden architects

STRATEGIC MECHANICAL
 Mechanical Electrical Plumbing

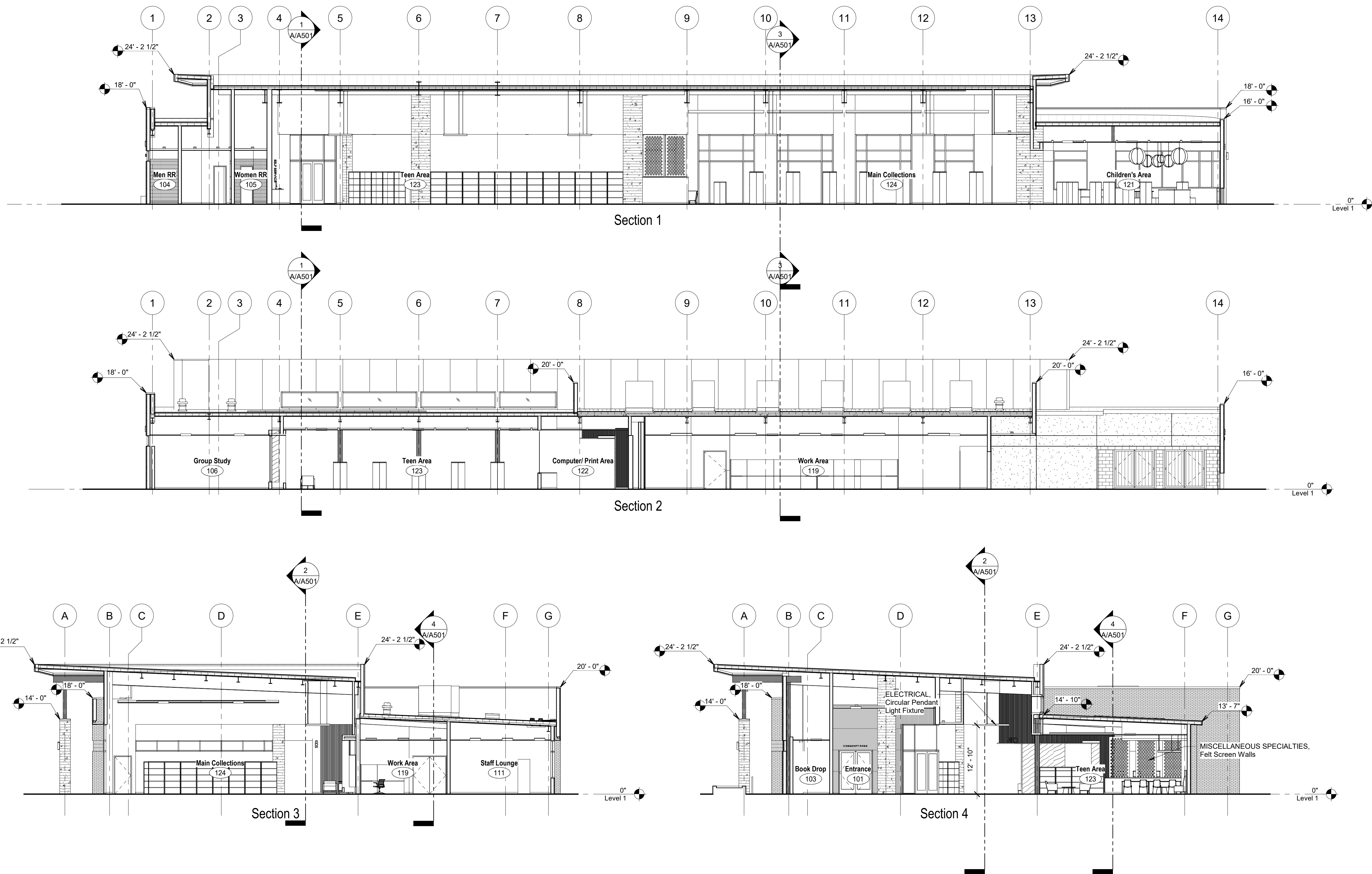
WILD ELECTRIC
 Electrical Contractors & Engineers

FIRE SYSTEM SOLUTIONS, INC.

GATEWAY ENGINEERING, INC.

Project Number: 2455

A/A401

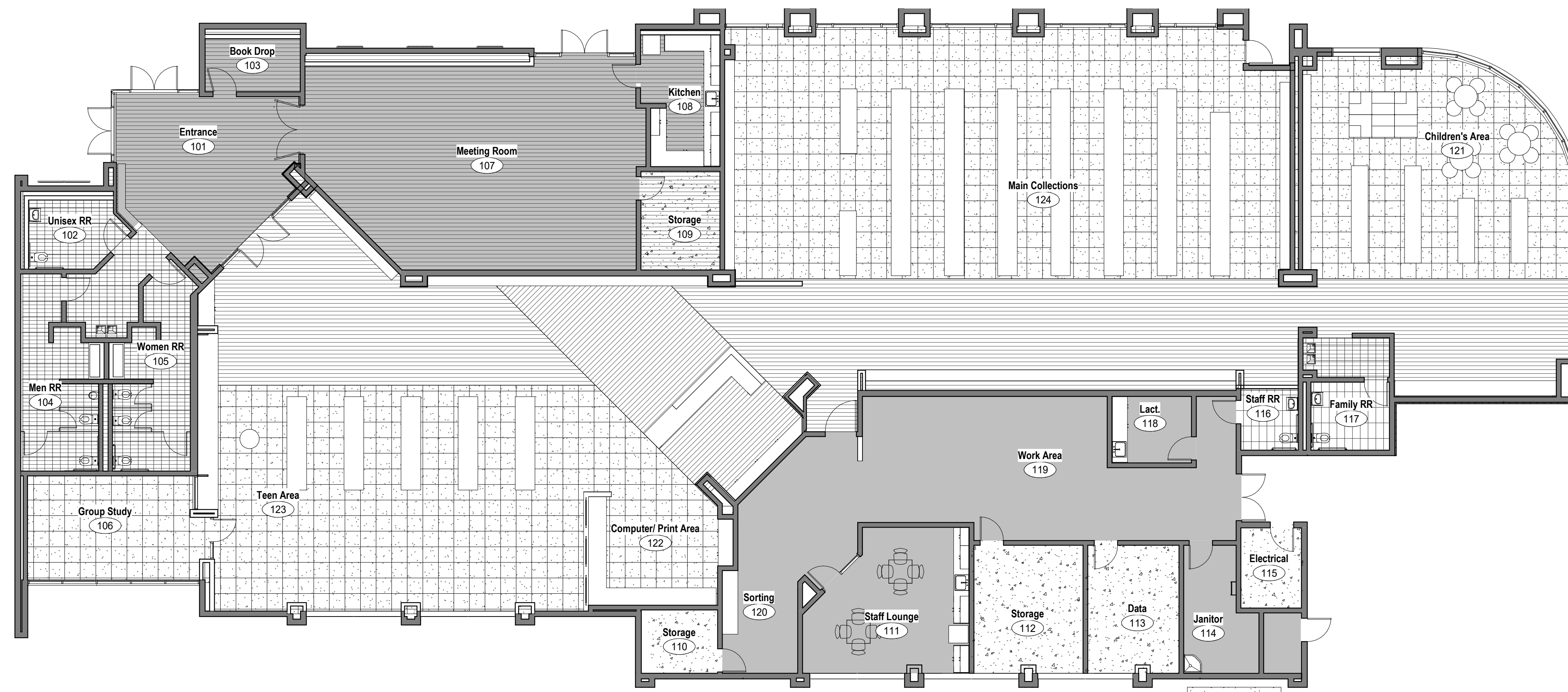


BUILDING SECTIONS





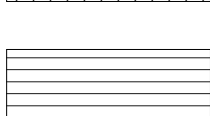
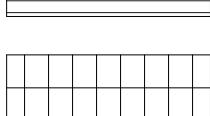
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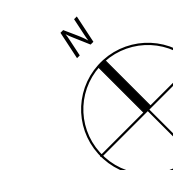
Fresno County

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FLOOR PATTERN LEGEND

- 
 CAST-IN-PLACE CONCRETE,
 Clear Floor Sealer
 Approx. Cost \$2.50 per sq. ft.
- 
 CAST-IN-PLACE CONCRETE,
 Polished Concrete
 Approx. Cost \$8.00 per sq. ft.
- 
 CARPET, Modular, 9" x 36"
 Shaw Contract, Hand Stitch Tile, 5T516 Heritage Red.
- 
 RESILIENT TILE, Luxury Vinyl Tile, Color 1
 Shaw Contract, Redwood 00650.
- 
 RESILIENT TILE, Luxury Vinyl Tile, Color 2
 Shaw Contract, Reside 8, Color Adobe. 6" x 48"
- 
 TILE, Porcelain Tile, 12" x 24"
 Approx. Product Cost \$3.50 per sq. ft.



FLOOR PLAN - FLOOR FINISH PLAN

Scale: As indicated

Fresno County

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Project Number: #####

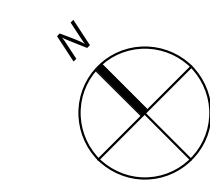
A/A801



PAINT LEGEND

- PAINT, Accent Color 2
- - - - - PAINT, Accent Color 3
- · - · - · PAINT, Accent Color 4

Note: All Gypsum Board Surfaces to be painted Color 1, Unless otherwise noted above.



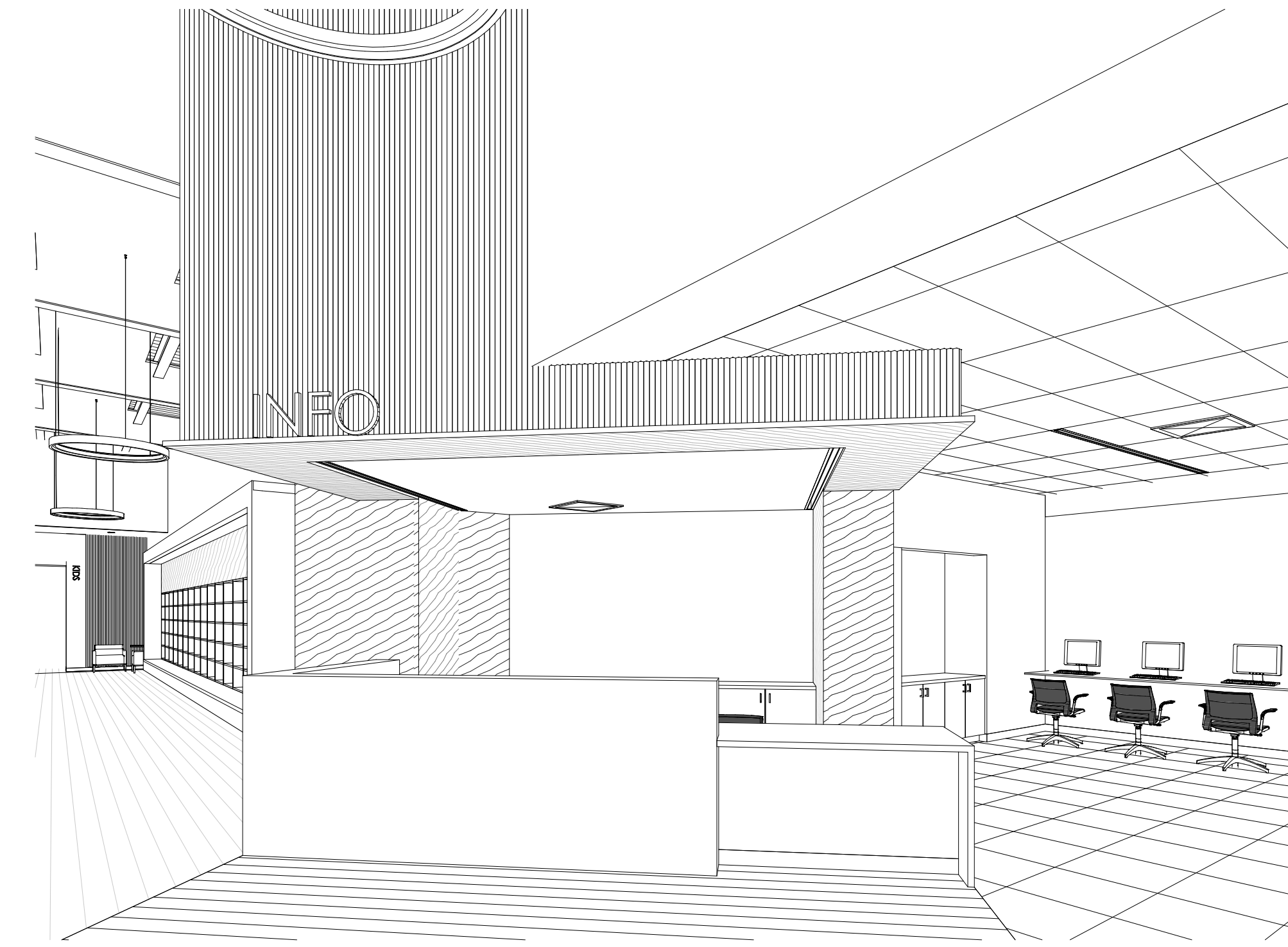
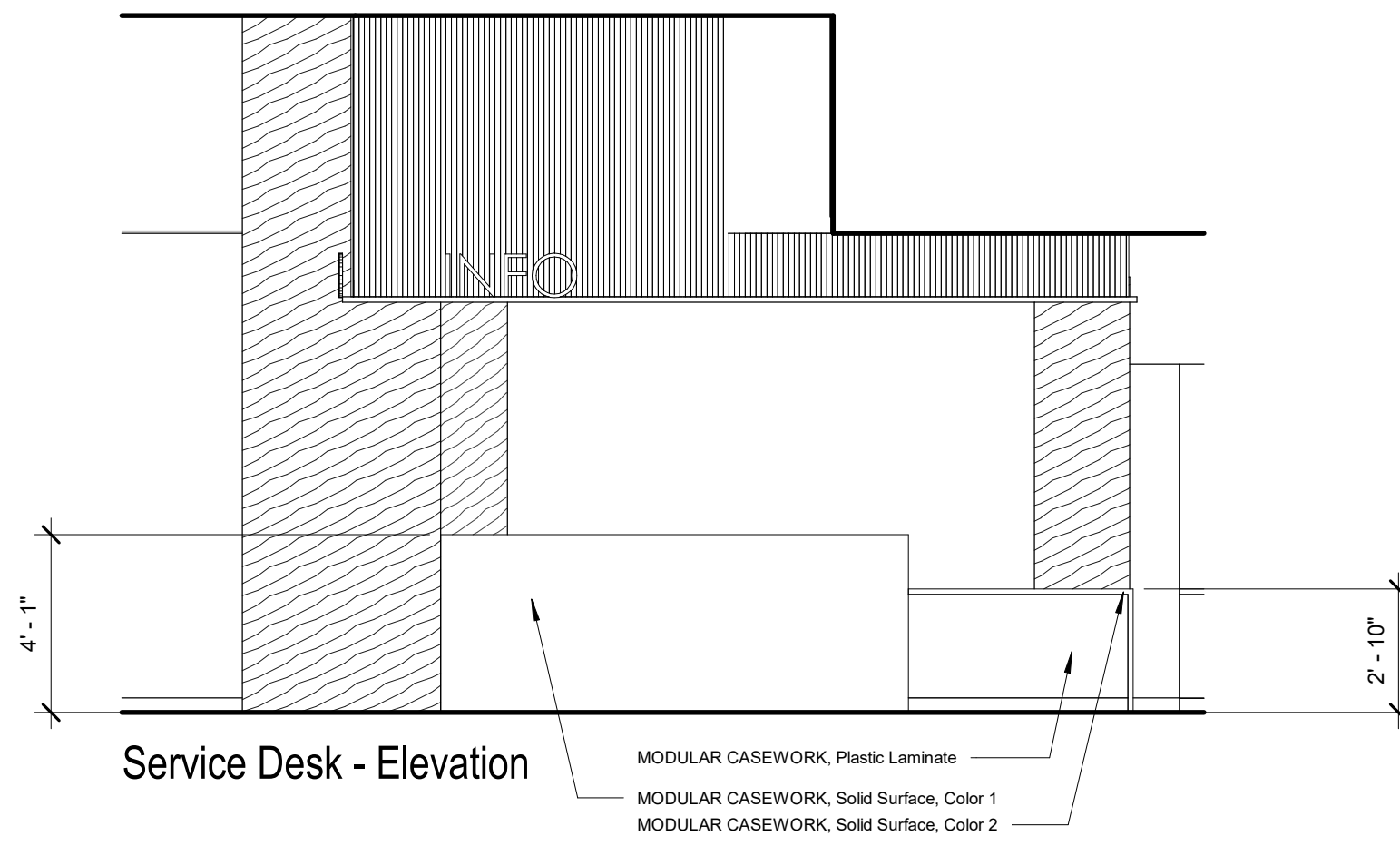
FLOOR PLAN - PAINT PLAN
 Scale: As indicated

Fresno County
 Reedley Library- Enhanced



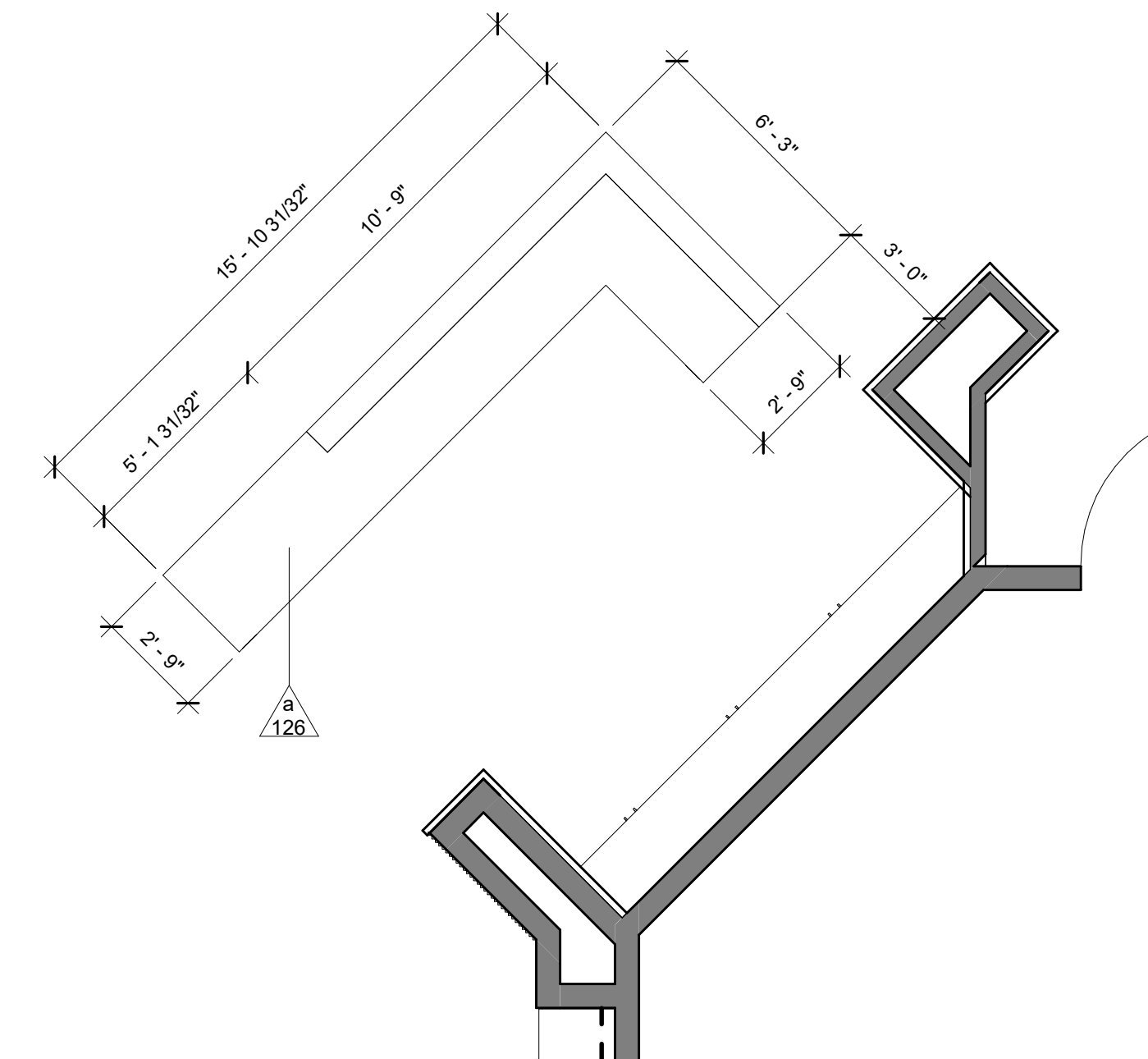
Project Number: ###

A/A802



Service Desk - 3D View

Casework Schedule									
Room No	Group No.	Description	Catalog No.	No Req'd	Length	Height	Depth	Accessories	Remarks
	b 123	Bench		1					
101	a 101	Bench		1					
108	a 108	Base Cabinet w/o Drawers	162	1	2' - 6"	2' - 8 1/2"	1' - 11"		
108	a 108	Counter Top	Custom	1		2' - 10"	2' - 1"		Solid Surface
108	a 108	Base Cabinet w/o Drawers	162	1	2' - 6"	2' - 8 1/2"	1' - 11"		
108	b 108	Base Cabinet w/o Drawers	162	1	3' - 6"	2' - 8 1/2"	2' - 0"		
108	b 108	Wall Hung Cabinet	342	1	4' - 0"	2' - 8"	1' - 2"		
108	b 108	Base Cabinet w/o Drawers	158	1	3' - 6"	2' - 8 1/2"	1' - 11"		
108	b 108	Base Cabinet w/o Drawers	162	1	3' - 0"	2' - 8 1/2"	1' - 11"		
108	b 108	Base Cabinet w/o Drawers	176	1	4' - 0"	2' - 8 1/2"	2' - 0"		
108	b 108	Base Cabinet w/o Drawers	176	1	4' - 0"	2' - 8 1/2"	2' - 0"		
108	b 108	Base Cabinet w/o Drawers	151	1	2' - 5"	2' - 8 1/2"	2' - 0"		
108	b 108	Wall Hung Cabinet	342	1	2' - 6"	2' - 8"	1' - 2"		
108	b 108	Wall Hung Cabinet	342	1	4' - 0"	2' - 8"	1' - 2"		
108	b 108	Wall Hung Cabinet	342	1	3' - 0"	2' - 8"	1' - 2"		
108	c 108	Base Cabinet w/o Drawers	151	1	2' - 5"	2' - 8 1/2"	2' - 0"		
108	c 108	Base Cabinet w/o Drawers	151	1	2' - 5"	2' - 8 1/2"	2' - 0"		
108	d 108	Wall Hung Cabinet	342	1	3' - 6"	2' - 8"	1' - 2"		
108	d 108	Counter Top	Custom	1		2' - 10"	2' - 0 11/32"		Solid Surface
108	d 108	Base Cabinet w/o Drawers	176	1	4' - 0"	2' - 8 1/2"	2' - 0"		
111	a 111	Base Cabinet w/o Drawers	162	1	3' - 6"	2' - 8 1/2"	2' - 0"		
111	a 111	Base Cabinet w/o Drawers	162	1	3' - 6"	2' - 8 1/2"	2' - 0"		
111	a 111	Base Cabinet w/o Drawers	158	1	3' - 6"	2' - 8 1/2"	1' - 11"		
111	a 111	Base Cabinet w/o Drawers	162	1	3' - 0"	2' - 8 1/2"	1' - 11"		
111	a 111	Wall Hung Cabinet	342	1	3' - 0"	2' - 8"	1' - 2"		
111	a 111	Wall Hung Cabinet	342	1	3' - 6"	2' - 8"	1' - 2"		
111	a 111	Wall Hung Cabinet	342	1	3' - 6"	2' - 8"	1' - 2"		
111	a 111	Counter Top	Custom	1		2' - 10"	2' - 0"		Solid Surface
111	a 111	Counter Top	Custom	1		2' - 10"	2' - 0"		Solid Surface
111	a 111	Base Cabinet w/o Drawers	162	1	2' - 4"	2' - 8 1/2"	1' - 11"		
111	a 111	Wall Hung Cabinet	342	1	2' - 4"	2' - 8"	1' - 2"		
118	a 118	Base Cabinet w/o Drawers	158	1	3' - 6"	2' - 8 1/2"	1' - 11"		
118	a 118	Base Cabinet w/o Drawers	162	1	2' - 6"	2' - 8 1/2"	1' - 11"		
118	a 118	Base Cabinet w/o Drawers	162	1	2' - 6"	2' - 8 1/2"	1' - 11"		
118	a 118	Counter Top	Custom	1		2' - 10"	2' - 0"		
120	a 120	Counter Top	Custom	1		2' - 10"	2' - 0"		Solid Surface
121	a 121	Counter Top	Custom	1	20' - 9"	2' - 10"	2' - 1"		Solid Surface
122	a 122	Counter Top	Custom	1		2' - 10"	2' - 4"		Solid Surface
122	b 122	Counter Top	Custom	1		2' - 10"	1' - 11 3/16"		Solid Surface
123	a 123	Base Cabinet w/o Drawers	102	1	3' - 8"	2' - 8 1/2"	1' - 11"		
124	b 124	Bench		1					
126	a 126	Service Desk	Custom	1	15' - 0"	3' - 0"	5' - 0"		



Service Desk - Floor Plan View

CASEWORK

Scale: 1/4" = 1'-0"

Fresno County

Reedley Library- Enhanced



Project Number: 2455

A/A803

PACKAGE HEAT PUMP SCHEDULE																						
TAG	LOCATION	SERVICE	MFG	MODEL	SIZE (TONS)	TYPE	ELECTRICAL			PERFORMANCE				EVAPORATOR BLOWER				REFRIGERANT	OPERATING WEIGHT (LBS)			
							MCA	MOCP	VOLTS/PHASE	ARI COOLING TOTAL (MBH)	ARI COOLING SENSIBLE (MBH)	IEER/EER	HEATING OUTPUT (MBH)	HSFP	CFM	ESP (IN WC)	RPM/DRIVE			MOTOR BHP	FILTERS QTY/SIZE	FILTER RATING
AC-1	ROOF	ENTRY			3		32	35	208/3	36.98	27.93	14.3 (SEER)	34.1		1200			0.29			R-454B	477
AC-2	ROOF	TEEN AREA			8.5		69	70	208/3	100.58	76.08	11/15	91.4		3400			1.04			R-454B	812
AC-3	ROOF	MAIN COLLECTION			8.5		69	70	208/3	100.58	76.08	11/15	91.4		3400			1.04			R-454B	812
AC-4	ROOF	CHILDREN'S AREA			4		38	45	208/3	49.92	37.82	14.3 (SEER)	46.1		1600			0.56			R-454B	483
AC-5	ROOF	OFFICE AREA			5		48	60	208/3	61.9	48.96	14.3 (SEER)	56.8		2000			0.7			R-454B	594
AC-6	ROOF	MEETING ROOM			5		48	60	208/3	61.9	48.96	14.3 (SEER)	56.8		2000			0.7			R-454B	594

MECHANICAL SCHEDULES

Scale: NTS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

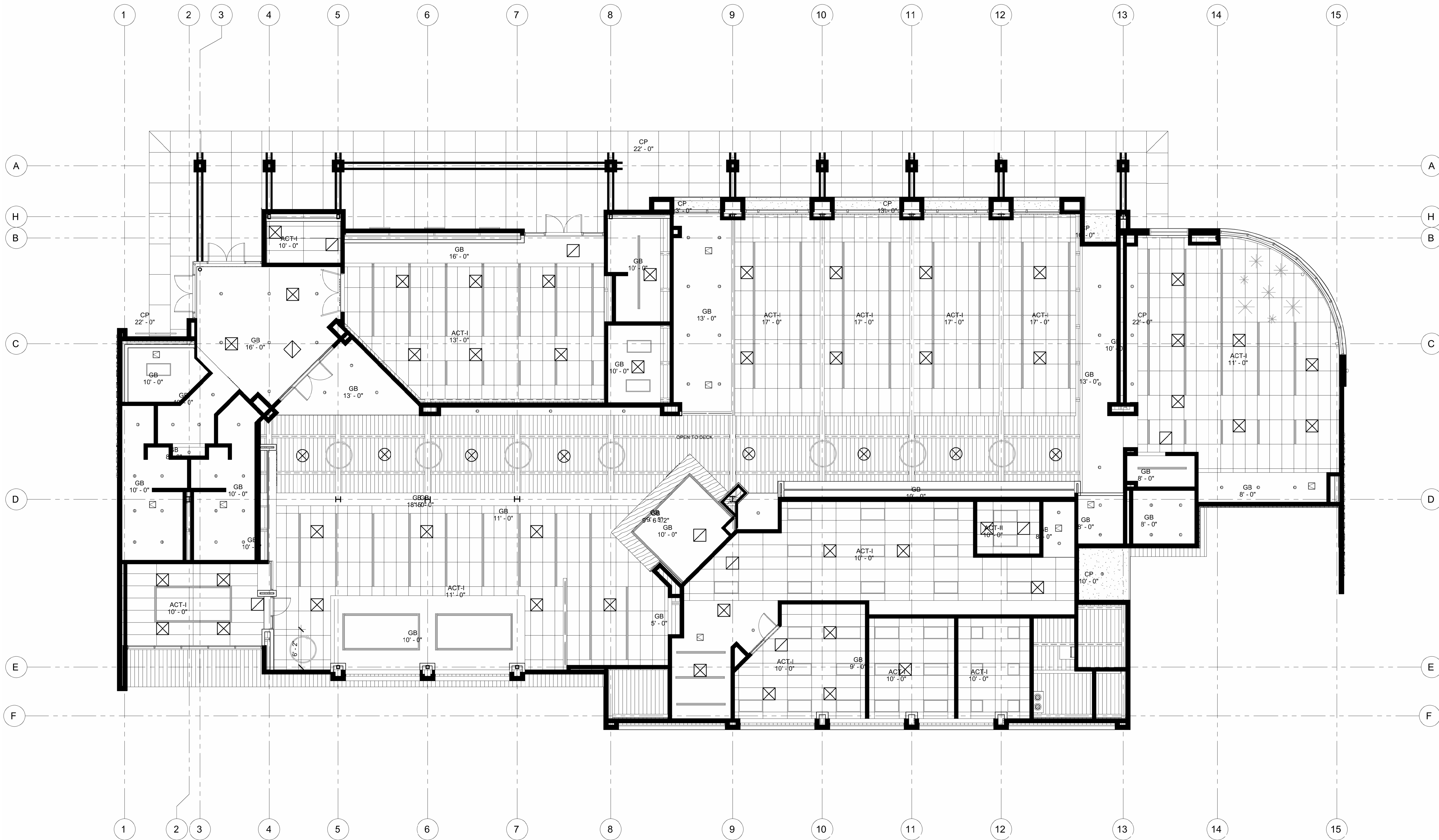
Fresno County

Reedley Library- Enhanced



Project Number: 2455

M000



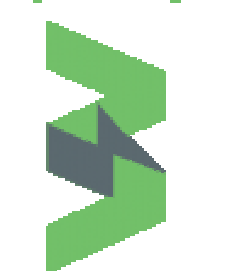
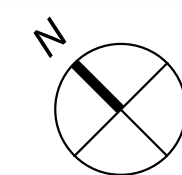
MECHANICAL GRILLE LAYOUT

Scale: NTS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

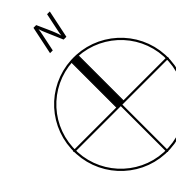
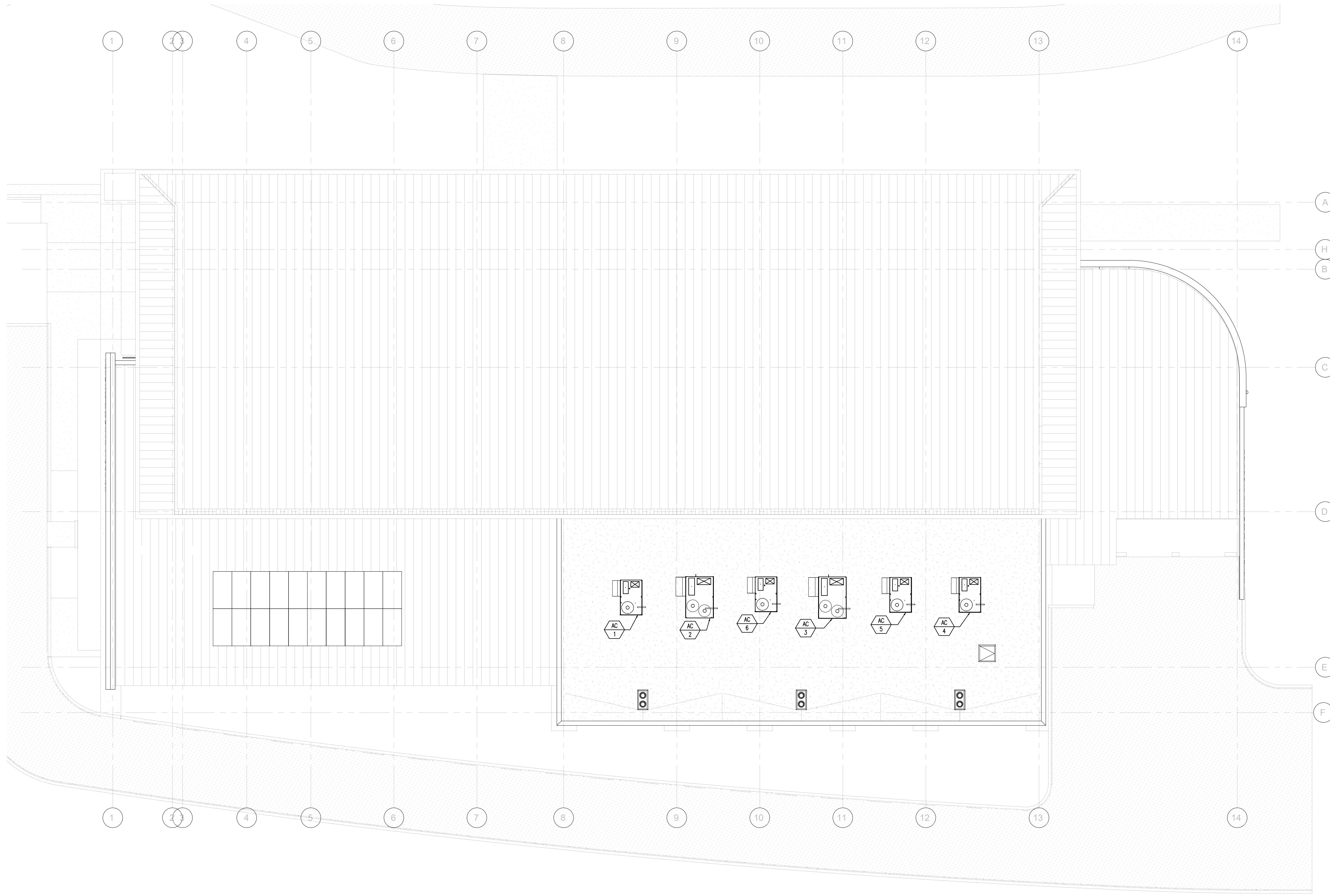
Fresno County

Reedley Library- Enhanced



Project Number: 2455

M100



MECHANICAL EQUIPMENT PLAN

Scale: NTS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

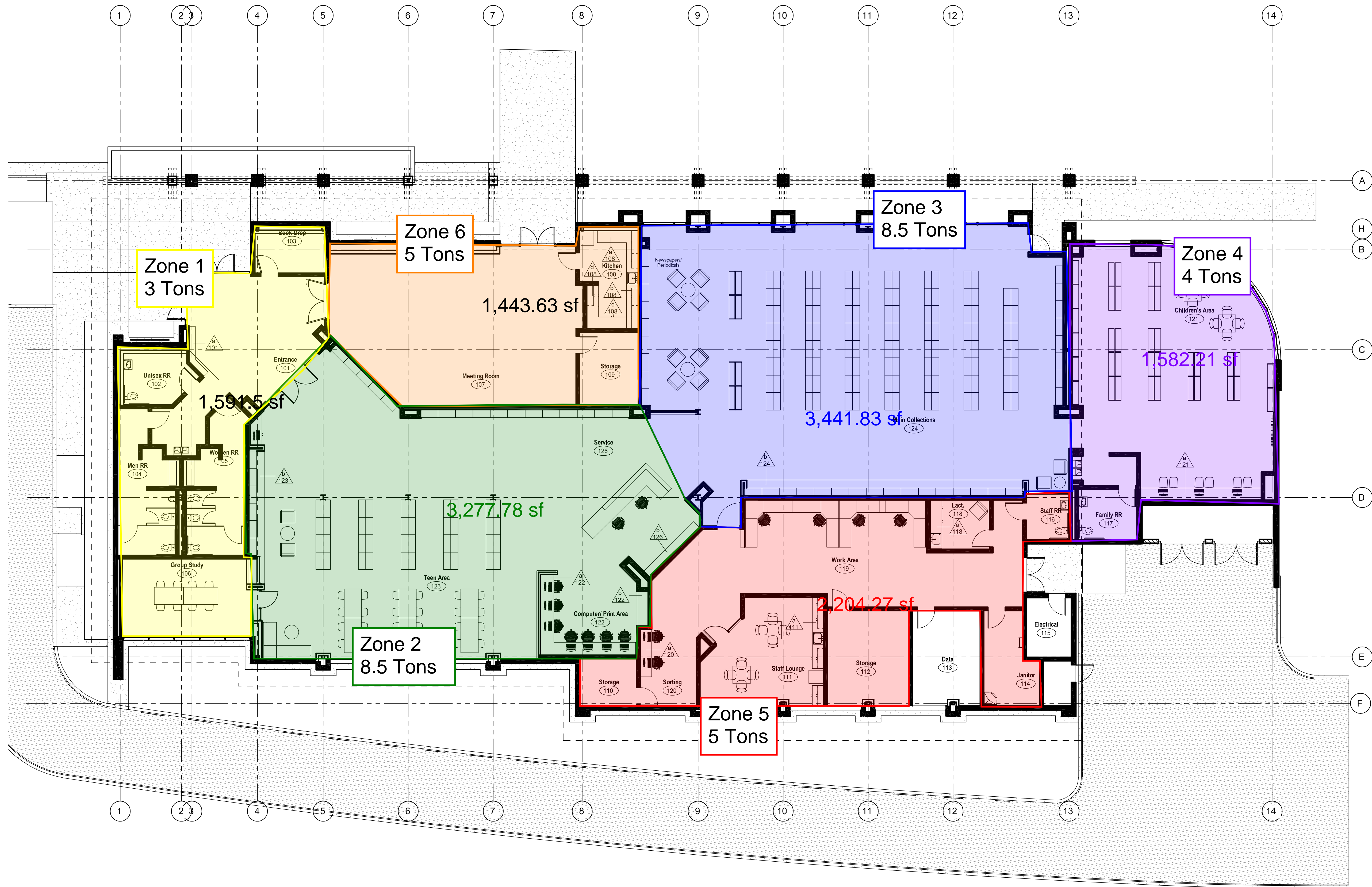
Fresno County

Reedley Library- Enhanced



Project Number: 2455

M200



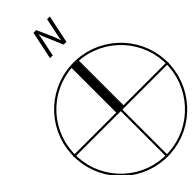
MECHANICAL ZONING PLAN

Scale: NTS

NOTE: THESE PLANS ARE FOR CONCEPTUAL PURPOSES ONLY

Fresno County

Reedley Library- Enhanced



FACTOR III

Base Item Price

FACTOR III.1

Total Base Items Price with No Alternatives

Revision		1
List ID		56827
Title	Base Items Price - Document 00 4200-4	
Item ID	Description	Price
923461	Base Items Price	\$33,896,000.00
	Base Items Plus Enhancements Add	\$750,000.00

*See attached List and Drawings for all enhancements items



FACTOR III.2

Total Base Items Price with Alternatives

Revision		1	
List ID		56828	
Title	Alternates - Schedule 1-A - Document 00 4200-5		
Item ID	Identification Number (A-#)	Description	Price
923462	A-1	Clovis Library Vapor Barrier	\$0.00

* The cost of this alternate is provided in the Base Bid.



FACTOR III.3

Total Base Items Price with Alternates and/or Proposed Alternates

Revision		1
List ID		56829
Title	Proposed Alternates - Schedule 1-B - Document 00 4200-6	
Identification Number (PA-#)	Description	Price
	Please see Factor IV Base Items Pricing - Alternates and Proposal Alternates	(\$191,390.00)



FACTOR IV

Project Management Plan

FACTOR IV.1

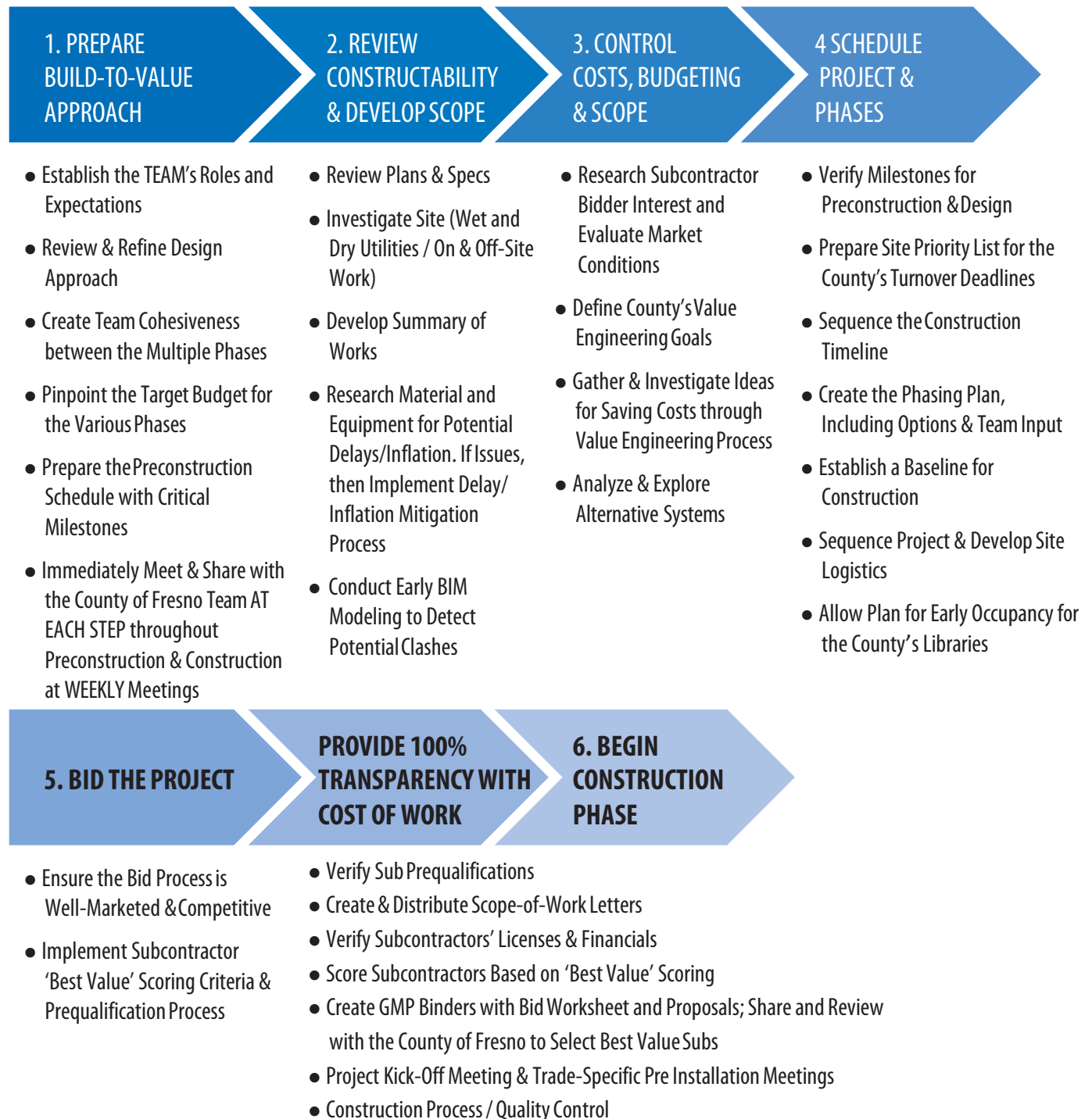
Project Management Plan in Preconstruction

Factor IV.1 PROJECT MANAGEMENT PLAN PRECONSTRUCTION

AT-A-GLANCE

STEPS FOR PRECONSTRUCTION SUCCESS - THE 'BEST VALUE' APPROACH

PRECONSTRUCTION TIMELINE



Factor IV.1 PROJECT MANAGEMENT PLAN PRECONSTRUCTION

1 DEVELOPMENT OF PROJECT APPROACH - BUILD-TO-VALUE

Each project has its own unique needs, whether it is the site conditions, schedule or type of build-out. The Clovis Regional and Reedley Libraries project will have its own unique challenges, yet, we believe we have the technical experience to manage the project throughout all phases and the collaborative staff to partner with the County of Fresno and Darden Architects to build this project. If selected, the Harris team will jump right in and begin to lay out our Project Approach – Build-to-Value plan. Within our build plan we will highlight items such as the preconstruction milestone schedule, site logistics plan, as well as a budgeting and constructability review. Given our widespread hands-on experience of building municipal facilities, the personnel at Harris Construction understand what the County of Fresno expects from us on this project.

PROCESS INCLUDES

- ✓ Establish the TEAM's Roles and Expectations
- ✓ Review Design Approach
- ✓ Create Team Cohesiveness between the Multiple Phases
- ✓ Pinpoint the Target Budget for the Various Phases
- ✓ Prepare the Preconstruction Schedule with Critical Milestones
- ✓ Immediately begin weekly preconstruction meetings with the County and the Design Team

LESSONS LEARNED

- ✓ In past experience we have learned that it is imperative to understand the County's needs and expectations in the very beginning of the preconstruction phase. Those needs, expectations, and the County's vision for the project need to be thought of and carried throughout the entire preconstruction process.

PROJECT CONTACT INFORMATION

- ✓ Harris Construction Co., Inc.
Matt Davies, Vice President, Preconstruction
(559) 251-0301
MDavies@HarrisConstruction.com

- ✓ Darden Architects
Michael K. Fennacy, AIA, Principal
(559) 448-8051
MikeF@DardenArchitects.com



Factor IV.1 PROJECT MANAGEMENT PLAN PRECONSTRUCTION

2

CONSTRUCTABILITY REVIEW AND SCOPE DEVELOPMENT

Harris Construction uses its background and experiences as a General Contractor to review the project documents to ensure proper coordination between trades. This review ensures that the construction details and references provide a clear and concise description of how the project is to be constructed for the bidding subcontractors. Drawings and specifications will be reviewed jointly with the Design Team to ensure that the various trade responsibilities are properly categorized and that overlaps and/or voids within sections are minimized. In addition to the review of the contract drawings, Harris will also be spending a great deal of time performing site investigations in an effort to confirm the utility point of connections and fit-up / hook-up of new work. In addition to the constructability review of the project documents, Harris will work with the County and Darden Architects to ensure a smooth coordination effort with the off-site utility companies, local city / county agencies. Off-site coordination will be compared to the project documents to ensure all point of connections and scheduling can be taken into account when building the baseline project schedule.

PROCESS INCLUDES

- ✓ Constructability Review of Plans and Specifications
- ✓ Investigate Site (Wet and Dry Utilities / On & Off-Site Work)
- ✓ Develop Summary of Works
- ✓ Research Material and Equipment for Potential Delays/Inflation. If Issues, then Implement Delay/Inflation Mitigation Process
- ✓ Conduct Early BIM Modeling to Detect Potential Clashes

LESSONS LEARNED

- ✓ It is essential when beginning to scope the project that the Summary of Work take into account the coordination between trades to minimize scope gaps and scope overlaps.
- ✓ Early development of the Summary of Work and making this a live document throughout the preconstruction phase allows the team to discuss past experience which can be documented and included in the appropriate subcontractor's Summary of Work.



Factor IV.1 **PROJECT MANAGEMENT PLAN** **PRECONSTRUCTION**

3 **COST CONTROL, BUDGET AND SCOPE**

During the preconstruction phase, Harris will continually update and maintain budgets and cost control. Simultaneously, with the County's review, Harris will perform a budget analysis by producing an OOPC. The current OOPC will then be compared to the previous OOPC to identify budget variations. This process is critical as budget expansion or contraction will be identified. It is from this process that Value Engineering and, if necessary, Alternative System Analysis can and will be performed. County of Fresno will be involved throughout this process, to recommend Value Engineering and/or value added needs. This entire process will continue and repeat itself through each step, culminating in a final OOPC budget estimate based on the plans and specifications.

PROCESS INCLUDES

- ✓ Establish the County of Fresno's Budget for each phase
- ✓ Development of multiple Opinion of Probable Costs (OOPC)
- ✓ Research Subcontractor Bidder Interest and Evaluate Market Conditions
- ✓ Define the County's Value Engineering Goals
- ✓ Gather & Investigate Ideas for Saving Costs through Value Engineering Process
- ✓ Analyze & Explore Alternative Systems

LESSONS LEARNED

- ✓ Developing potential Value Engineering ideas prior to the bid period provides a greater savings to the overall project if taken by the owner. Also, if the Value Engineering list is established prior to bid, many of these items can also be bid as alternates giving the County greater flexibility as the costs come in on bid day.
- ✓ Performing multiple OOPCs allows the County to review fluctuations in the market. Adjustments can be made if needed early in preconstruction rather than just prior to bid.



Factor IV.1 PROJECT MANAGEMENT PLAN PRECONSTRUCTION

4 PROJECT SCHEDULING

During the constructability review and scope development process we start to refine and expand the project schedule. Our initial schedule will become a live document, and as the preconstruction phase continues to develop, the project schedule activities will continue to be defined. This schedule development will be reviewed and updated as a result of the design/coordination meetings allowing input from the project team while working to maintain the desired occupancy date. If selected, during the early preconstruction phase we will review with the team these ideas and the potential benefits of them.

A significant factor in the development of an effective project schedule, is organizing the work into phases (increments) that allow portions of the work to commence early, before final approvals have been granted. For example, earthwork and site utility work can be separated and approved by the County to allow this “up-front” work to commence during the Final review of the overall project approval. Phasing development can also include the Owner’s occupancy of the completed site and/or building elements.

PROCESS STEPS

- ✓ Verify Milestones for Preconstruction & Design
- ✓ Prepare Site Priority List for the County of Fresno’s Turnover Deadlines
- ✓ Sequence the Construction Timeline
- ✓ Create the Phasing Plan, Including Options & Team Input
- ✓ Establish a Baseline for Construction
- ✓ Sequence Project & Develop Site Logistics
- ✓ Plan for Early Occupancy for the County of Fresno

LESSON LEARNED

- ✓ Discuss with the County if portions of construction need to be occupied prior to completion of the project
- ✓ Coordinate with Utility Companies prior to Baseline Schedule
- ✓ Verify Sequence-required Utilities for partial Owner Occupancy
- ✓ Often the public agencies can drive the critical path on a schedule. Coordinate actual installation dates with the various agencies and incorporate into the baseline schedule. This can mitigate significant schedule impacts for energizing the site and/or performing utility tie-ins.



Factor IV.1 **PROJECT MANAGEMENT PLAN PRECONSTRUCTION**

5 PROJECT BID PHASE

Each scope of work not listed will be competitively bid. We anticipate 3 to 5 bidders for each category of work. Where subcontractors can be prequalified, Harris will coordinate and conduct the appropriate prequalification process in addition to our *Subcontractor Best Value Bid Form*. Harris will advertise and solicit bids for all categories of work. Prior to bidding, the Harris project management team, in coordination with Darden Architects, will finalize the Bid Package Scopes developed during the preconstruction phase. This will define each category of work in order to ensure that all of the work is appropriately disbursed so that the entire project is effectively bid to minimize any overlaps or gaps in scope coverage. Having years of experience in the Design-Build delivery process, Harris Construction's estimating and project management teams are experts in "front-end" bid scope development. These detailed bid scopes then become the expanded scopes of work which are included in our subcontract agreements. The end result is a fully coordinated bid process that leaves each subcontractor fully engaged in the project with a clear and concise understanding of their scope of work.

PROCESS INCLUDES

- ✓ Ensure the Bid Process is Well-Marketed & Competitive
- ✓ Implement Subcontractor 'Best Value' Scoring Criteria & Prequalification Process
- ✓ Provide 100% Transparency with Cost of Work

LESSON LEARNED

- ✓ Breaking the project (within phases) into more manageable pieces so that we are able to keep local subcontractors bidding the project.
- ✓ Incorporate pre-bid RFIs, addendums, etc., into the Schedule and Summary of Work to ensure all changes are properly captured in the project.
- ✓ Interview of apparent low bidder(s) to confirm scope and understanding of the project.



Factor IV.1 **PROJECT MANAGEMENT PLAN** **PRECONSTRUCTION**

6 BEGIN CONSTRUCTION PHASE – NOTICE TO PROCEED

Project Kick-Off Meeting & Trade-Specific Pre-Installation Meetings

Following the approval by the County of Fresno, Harris will initiate a project-specific Kick-Off Meeting to include every trade selected on the project. This kick-off meeting will also include the County, Darden Architects and the project inspector. During this meeting Harris will cover all of the project specific items including wage reporting, contracts, how the flow of information will work, established weekly meeting dates and time, etc., while setting the expectation that this project will be built to the highest standard.

Construction Process/Quality Control

Once mobilized onsite, the Harris project team takes ownership of its responsibilities in delivering a product of which meets the County of Fresno standards. Harris will begin to host trade specific Pre-Installation meetings to cover in more detail their scope of work, schedule and coordination with other trades. The Harris team implements a quality assurance/quality control plan on every project. Every employee on site is responsible for implementing and complying with all provisions of the Harris Construction quality system. Our quality standards meet or exceed all applicable regulations, codes, industry standards, and manufacturer's specifications as well as with our customer's contract and individual requirements. We stand behind our work and inspect every task to assure conformance to the project requirements. Should any problems/imperfections be found, we correct them immediately. The success of the project will be managed by being proactive throughout the entire design and construction process.

Early recognition of potential conflicts identified through pre-installation meetings with all trade contractors prior to the start of their work, weekly subcontractor and owners meetings, and monthly cost control and schedule monitoring will all play an important role in providing a successful project. We are continually monitoring the long lead items and material availability in an effort to minimize schedule impacts and changes in the flow of construction. Our onsite team will work diligently to maintain constant conversation with the subcontractors to ensure adequate resources are available. At all times throughout the project the field team is also supported by our in-house office resources with estimating, scheduling and upper management. The team in the office will frequently be available for onsite meetings and project updates to ensure the project budget and schedules are being maintained throughout the entire building process. As illustrated in this RFP response, we have selected a team of experienced Builders who we feel are best suited for your project. With the experience of our team in building new civic buildings, we possess a deep understanding of building a project that meets the County's expectations.



FACTOR IV.1

Project Management Plan in Construction

Factor IV.2 PROJECT MANAGEMENT PLAN CONSTRUCTION

AT-A-GLANCE

STEPS IN CONSTRUCTION FOR ON-TIME AND ON-BUDGET COMPLETION

1. PROJECT KICK-OFF

- Hold Kick-Off Meeting for all Trades on the Project
- Review Construction Schedule
- Discuss Pay Application and Billing Process
- Establish Lines of Communication
- Contract Status
- Submittal Process

2. TRADE SPECIFIC PRE-INSTALLATION/ COORDINATION MEETINGS

- Review Construction Drawings, Plans & Specs
- Review Safety
- Review Schedule
- Review Trade Coordination Items
- Field Testing and Inspection

3. SCHEDULING

- Subcontractors Bid to Comprehensive Critical Path Method (CPM) Schedule
- Monthly Schedule Updates to the County's Team
- Three-Week-Look-Ahead Schedule to Active Subcontractors
- Weekly Look-Ahead Schedule for Monitoring for Three-Week Schedule and Monthly Update

4. PROJECT SAFETY AND IMPLEMENTATION

- Implement Project Specific Injury Prevention Plan
- Implement Project Specific Safety Plan
- Distribute Safety Plan to and potential bidders
- Hold Jobsite Inspections, and Weekly Safety Meetings with Subcontractors

5. CONSTRUCTION PROCESS / QUALITY CONTROL PLAN

- Create Project Specific Quality Assurance/Quality Control Plan
- Meet or Exceed all Applicable Regulations, Codes, Industry Standards
- Weekly Subcontractor Owner's Meetings
- Monthly Cost Control and Schedule Monitoring
- Proactive Approach to Conflicts in the Field
- Coordination of Field Testing and Inspections

6. PROJECT COMMISSIONING AND CLOSEOUT

- Compile Project Closeout Documents
- As-Builts / Warranties to County of Fresno
- Staff Training on All Systems




Factor IV.2 PROJECT MANAGEMENT PLAN CONSTRUCTION

1 PROJECT KICK-OFF

After receiving the Notice to Proceed from the County of Fresno, Harris will initiate a project specific Kick-Off Meeting for every trade working on the project. This kick-off meeting will include the County, design team, and project inspector. During this meeting Harris will cover all items related to the project including wage reporting, contracts, how the flow of information will work, established weekly meeting dates and time, etc. In addition to the kick-off meeting, once mobilized on-site Harris will begin to host trade specific Pre-Installation meeting to cover in more detail the work, schedule and coordination with other trades.

PROCESS INCLUDES

- ✓ Hold Kick-Off Meeting for all Trades
- ✓ Review Construction Schedule
- ✓ Discuss Pay Application and Billing Process
- ✓ Establish Lines of Communication for the duration of the Project
- ✓ Discuss the Status of the Contract
- ✓ Establish Submittal Process

 <div style="float: right;"> Meeting Minutes <small>Detailed, Ordered by Item Number</small> </div>																																																																							
<p>Matilda Torres High School Project Project # 1722 Harris Construction Company Inc 16545 Road 26 Tel: Fax: MADERA, CA 93537</p>																																																																							
Subcontractor Coordination Meeting Meeting 2																																																																							
Date	Start	End	Next Meeting	Next Time	Prepared By	Company																																																																	
5/15/2018	10:30 AM	11:00 AM	5/22/2018	10:30 AM	Stephen Hamlett	Harris Construction Company Inc																																																																	
Purpose	Location	Next Location	General Notes																																																																				
Discuss weekly coordination items with all subcontractors onsite.	HCCI Jobsite Conference Trailer	HCCI Jobsite Conference Trailer																																																																					
Attended By			Non-Attendees																																																																				
<table border="1"> <thead> <tr> <th>Item</th> <th>Meeting Item Description</th> <th>Due Date</th> <th>Comp'd</th> <th>Cls'd</th> </tr> </thead> <tbody> <tr> <td colspan="5">A AS-BUILT</td> </tr> <tr> <td colspan="5">Old Business</td> </tr> <tr> <td colspan="5">AS-BUILT STATUS</td> </tr> <tr> <td>001-001</td> <td>Confirm ALL As-Built's have been updated for the work done during the previous week</td> <td></td> <td></td> <td>No</td> </tr> <tr> <td colspan="5">B RFI</td> </tr> <tr> <td colspan="5">Old Business</td> </tr> <tr> <td colspan="5">RFI STATUS</td> </tr> <tr> <td>001-002</td> <td>Review attached RFI Log</td> <td></td> <td></td> <td>No</td> </tr> <tr> <td colspan="5">C SUBMITTALS</td> </tr> <tr> <td colspan="5">Old Business</td> </tr> <tr> <td colspan="5">SUBMITTAL STATUS</td> </tr> <tr> <td>001-003</td> <td>Review attached Submittal Log</td> <td></td> <td></td> <td>No</td> </tr> </tbody> </table>							Item	Meeting Item Description	Due Date	Comp'd	Cls'd	A AS-BUILT					Old Business					AS-BUILT STATUS					001-001	Confirm ALL As-Built's have been updated for the work done during the previous week			No	B RFI					Old Business					RFI STATUS					001-002	Review attached RFI Log			No	C SUBMITTALS					Old Business					SUBMITTAL STATUS					001-003	Review attached Submittal Log			No
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<small>These minutes represent to the best of our knowledge the contents discussed during the meeting. Unless Harris Construction is notified in writing within 48 hours, these meeting minutes will be considered accurate and accepted by all parties.</small>																																																																							



Factor IV.2 PROJECT MANAGEMENT PLAN CONSTRUCTION


2

TRADE SPECIFIC PRE-INSTALLATION / COORDINATION MEETINGS

Early recognition of potential coordination identified through pre-installation meetings with all trade contractors Design-Build subcontractors and designers prior to the start of their work, weekly subcontractor and owners meetings, and monthly cost control and schedule monitoring will all play an important role in providing a successful project. We are continually monitoring the long lead items and material availability in an effort to minimize schedule impacts and changes in the flow of construction. This team will be onsite every day coordinating with the design team. With the experience of our team in Design-Build construction, we possess a deep understanding of manpower-needs throughout each aspect of the project. Our onsite team will work diligently to maintain constant conversation with the subcontractors to ensure adequate resources are available. At all times throughout the project the field team is also supported by our in-house office resources with estimating, scheduling and upper management. The team in the office will frequently be available for onsite meetings and project updates to ensure the project budget and schedules are being maintained throughout the entire building process.

PROCESS INCLUDES

- ✓ Review construction drawings, plans and specifications with all trades
- ✓ Review the project specific Safety Plan with all trades
- ✓ Review Site Access and Security Measure
- ✓ Review the Baseline and Critical Path Schedules with all trades
- ✓ Review Environmental Impact Mitigation
- ✓ Review Trade Coordination and BIM Requirement
- ✓ Prepare for Field Testing and Inspections

 <p>HARRIS CONSTRUCTION Trusted Community Builder LOCALLY OWNED SINCE 1914</p> <p>Pre-Installation Meeting Agenda</p> <p>Project Name: <u>Sanger Ed Complex-Phase I</u> Subcontractor Name: <u>Strategic Mechanical</u> Date: <u>February 19, 2019</u> Time: <u>1:00 P.M.</u></p> <p>1. Safety Requirements: o Harris Safety Plan and Subcontractor Requirements o Safety Communication – Hazard Incident Reporting o Project Safety Meeting: • Day: _____ • Time: _____ o Permits: (as required) • Excavation • Encroachment • FAA • Scaffold • Etc. o Employee Certifications (as required) o Emergency Action Plan o Safety Orientation o Substance Abuse Policy o PPE o Housekeeping/Clean-Up o Fall Protection o Fire Safety o Daily Pre-Task Planning o Owner/Project Specific Safety Items o Existing UTILITIES – Above and Below Ground o Trade Specific Requirements – Crane procedures, excavation safety, scaffold safety, space program, LOTO program, erection plan, Crystalline Silica Exposure Control, etc.</p>	<p>2. Site Logistics: o Site Access o Site Security o Parking/Authorized Vehicles o Dust Control Plan & Requirements</p> <p>3. Give a copy of the following to the foreman: o Administration Manual with all forms o Schedule o HCCI Safety Plan</p> <p>4. Subcontract and Summary of Work for the contractor including inclusions and exclusions</p> <p>5. Schedule for the contractor and how it relates to other contractor's schedules. o Contractor activity schedule</p> <p>6. Schedule Crew Loading:</p> <p>7. Schedule of Values:</p> <p>8. Review Compliance List. The following items must be submitted PRIOR to starting o Subcontract o Insurance Certificates o Safety Submittals o Bonds (if applicable)</p> <p>9. Review Contractors related specification sections:</p> <p>10. Status of Submittals and Shop Drawings:</p>	<p>11. Safety and competent person inspections: Name: _____ Phone Number: _____</p> <p>12. Review subcontractors set to confirm drawings are posted:</p> <p>13. Inspection Requests:</p> <p>14. Requirements for Daily Reports:</p> <p>15. Related materials with other contractors:</p> <p>16. Subcontractor Meetings: Day: _____ Time: _____</p> <p>17. RFI Procedures: Contact HCCI's team with any issues or questions, send RFI's through formal document to SiteCoord@harrisconstruction.com & brock@harrisconstruction.com</p> <p>18. Record Drawing requirements:</p> <p>19. Hours of work at the jobsite:</p> <p>20. Contact Information for foreman: Name: _____ Phone Number: _____</p> <p>21. Contact Drawings and coordination of work with related trades:</p>
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Factor IV.2 PROJECT MANAGEMENT PLAN CONSTRUCTION

4 PROJECT SAFETY AND IMPLEMENTATION

The safety and health of the workers on our projects is one of the core values of Harris Construction. By establishing safety as a core value, we have been able to obtain an Experience Modification Rate (EMR) that is among the lowest for self-performing general contractors in California (.80). While injury prevention is why we value safety, it has been proven that a safe project is also a productive and quality project. It is our belief that through careful planning and coordination, construction related hazards can be controlled and/or eliminated. In order to establish a culture on our projects that maintains safety as a top priority, Harris Construction implements a project safety plan which all subcontractors are required to follow.

Project Safety Plan – Prior to bidding the project, each subcontractor is given a copy of the project safety plan. The project safety plan outlines administrative items such as required supervision, pre-task planning, disciplinary procedures, safety meetings, and safety orientations. In addition to the administrative items, the project safety plan addresses project safety policies such as fall protection, equipment operation, crane use, emergency procedures, fire prevention, protection of the public, and more. By establishing a set of requirements that are communicated throughout the design, bidding, and construction process, it ensures that the subcontractors that partner with us on a project are aware of the safety culture and safety standards that will be required of them.

While the project safety plan helps set the tone for safety on the project, it is the implementation, monitoring, and communication of the plan that makes the project successful. Pre-installation meetings, pre-task planning, routine jobsite inspections and weekly safety meetings ensure that communication is maintained between Harris Construction, the subcontractors, and the workers on the project. The pre-installation meetings and the weekly safety meetings are critical to the success of the project. It is at these meetings that Harris Construction and the subcontractors meet to ensure that safety is being planned into every aspect of the construction project. This planning not only addresses potential hazards for the workers completing each task, but it is also a time where the potential hazards to other contractors and the public are addressed.

PROCESS STEPS

- ✓ Develop Project Safety Plan
- ✓ Implement Project Specific Injury Prevention Plan
- ✓ Implement Project Specific Safety Plan
- ✓ Distribute Plans to potential bidders
- ✓ Hold jobsite inspections and weekly Safety Meetings with Subcontractors



Factor IV.2 PROJECT MANAGEMENT PLAN CONSTRUCTION

5 CONSTRUCTION PROCESS / QUALITY CONTROL PLAN

Once on-site, the Harris team takes ownership of its responsibilities in delivering a product of which we will be proud. The Harris team implements a quality assurance/quality control plan on every project. Every employee on site is responsible for implementing and complying with all provisions of the Harris Construction quality system. Our quality standards meet or exceed all applicable regulations, codes, industry standards, and manufacturer’s specifications as well as with our customer’s contract and individual requirements. We stand behind our work and inspect every task to assure conformance to the project requirements. Should any problems/imperfections be found, we correct them immediately. The success of the project will be managed by being proactive throughout the entire design and construction process.

PROCESS INCLUDES

- ✓ Create Project Specific Quality Assurance / Quality Control Plan
- ✓ Meet or Exceed all applicable regulations, codes, and industry standards
- ✓ Weekly Subcontractor and Owner’s Meetings
- ✓ Monthly Cost Control and Schedule Monitoring
- ✓ Proactive Approach to conflicts in the field



Harris Construction Co., Inc.


Quality Assurance/Quality Control Plan

Version: 20160829
Effective Date: 20160829

Version	Version notes
20160829	Initial Issue

Approved

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Harris Construction Co., Inc. Quality Assurance/Quality Control Plan

PROJECT-SPECIFIC CONSTRUCTION QUALITY PLAN

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Factor IV.2 PROJECT MANAGEMENT PLAN CONSTRUCTION

6 PROJECT COMMISSIONING AND CLOSEOUT

At the final stages of construction, project closeout documents will be compiled including both underground and overhead as-builts, warranties, and operation and maintenance manuals. Start-up, commissioning, and staff training will commence for all systems to ensure the end users have a full and comprehensive understanding of the systems and their operation.

All Buildings - Punchlist Back Check 03.26.2021				
Description	Location (Per Plan)	Subcontractor	Date Cleared	Cleared By
Building A - Exterior				
Clean metal panels	West Elevation by Clinic	Four C's	03.26.2021	Dwayne Burns
Clean metal panels	North Elevation	Four C's	03.26.2021	Dwayne Burns
Building A - Interior				
Repair gaps in snap on mullions at entry	A142G SRO Office	Giroux	03.26.2021	Dwayne Burns
Finish installing frame into SRC	A142G SRO Office	Giroux		Delivery 4/2
Laminate edge at vestibule door chipped. Repair	A147	HCS/Midstate		
Install window and sill	A148 SRC	Giroux/ Pacific Cabinets		Delivery 4/2
Building B - Exterior				
Touch up plaster at band room storage door	South Elevation	BKH	See Photo	Complete
Clean visible marring from corrugated panels, touch up paint at door frame electrical room	Southeast Yard Elevation	Four C's	03.26.2021	Dwayne Burns
Install sealant at material transition from plaster to MCM adjacent to coiling door	South Elevation	Four C's	03.26.2021	Dwayne Burns
Install translucent panel at material storage area	South Elevation	Giroux	03.26.2021	Dwayne Burns
Building B - Interior				
Sill plate damaged and not continuous at SF frame. Provide cover or resilient base and verify water penetration not an issue. Provide sealant if needed, both sides	B110 Corridor	Four C's	See Photo	Complete
Remove paint from plastic laminate at choir entry. Right leaf chipped at threshold. Repair	B110 Corridor	CBS		
Hand dryer nonoperational	B105/B106 Restrooms	Howe	03.26.2021	Dwayne Burns
Provide ADA bench as indicated in plan	B107 Dressing Room (Boys)	Southwest Interiors		April 8th



FACTOR V

Preliminary Design-Build Schedule

FACTOR V.1

Baseline Design / Construction Schedule

CLOVIS REGIONAL LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE

Activity ID	Activity Name	Orig Dur	Act Dur	Rem Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	2025												2026											
										A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
CLOVIS REGIONAL LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE		568	0	568	0	Aug-30-24	Nov-30-26	Aug-30-24	Nov-30-26																								
ANTICIPATED PROJECT SCHEDULE MILESTONES		35	0	35	0	Aug-30-24	Oct-18-24	Aug-30-24	Oct-18-24																								
A1000	Design-Build Entities Stage 1 Proposals Deadline	1	0	1	0	Aug-30-24	Aug-30-24	Aug-30-24	Aug-30-24	Design-Build Entities Stage 1 Proposals Deadline																							
A1005	Design-Build Entity Presentations/ Interviews	4	0	4	0	Sep-03-24	Sep-06-24	Sep-03-24	Sep-06-24	Design-Build Entity Presentations/ Interviews																							
A1010	Design-Build Entities Stage 2 (Final) Proposals Deadline	3	0	3	0	Sep-09-24	Sep-11-24	Sep-09-24	Sep-11-24	Design-Build Entities Stage 2 (Final) Proposals Deadline																							
A1015	County RFP Proposal Review Process Complete	5	0	5	0	Sep-12-24	Sep-18-24	Sep-12-24	Sep-18-24	County RFP Proposal Review Process Complete																							
A1020	Design-Build Entity Ranking and Notification Issued	3	0	3	0	Sep-19-24	Sep-23-24	Sep-19-24	Sep-23-24	Design-Build Entity Ranking and Notification Issued																							
A1025	County BOS Award/ Contract Approval	11	0	11	0	Sep-24-24	Oct-08-24	Sep-24-24	Oct-08-24	County BOS Award/ Contract Approval																							
A1030	Issue Notice to Proceed with Design (NTP Design)	8	0	8	0	Oct-09-24	Oct-18-24	Oct-09-24	Oct-18-24	Issue Notice to Proceed with Design (NTP Design)																							
DESIGN SERVICES		179	0	179	0	Oct-18-24	Jul-03-25	Oct-18-24	Jul-03-25																								
SCHEMATICS DESIGN		35	0	35	0	Oct-18-24	Dec-09-24	Oct-18-24	Dec-09-24																								
SD1000	Preparation/ Submittal - Schematic Design #01	15	0	15	0	Oct-18-24	Nov-07-24	Oct-18-24	Nov-07-24	Preparation/ Submittal - Schematic Design #01																							
SD1005	Stakeholders Review - Schematic Design #01 (County)	10	0	10	0	Nov-01-24	Nov-14-24	Nov-01-24	Nov-14-24	Stakeholders Review - Schematic Design #01 (County)																							
SD1010	Preparation/ Submittal - Schematic Design #02	15	0	15	0	Nov-08-24	Dec-02-24	Nov-08-24	Dec-02-24	Preparation/ Submittal - Schematic Design #02																							
SD1015	Stakeholders Review - Schematic Design #02 (County)	10	0	10	0	Nov-22-24	Dec-09-24	Nov-22-24	Dec-09-24	Stakeholders Review - Schematic Design #02 (County)																							
SD1020	Approval - Schematic Design	1	0	1	0	Dec-09-24	Dec-09-24	Dec-09-24	Dec-09-24	Approval - Schematic Design																							
DESIGN DEVELOPMENT		50	0	50	0	Dec-09-24	Feb-19-25	Dec-09-24	Feb-19-25																								
DD1000	Preparation/ Submittal - 30% Design Development	15	0	15	0	Dec-09-24	Dec-30-24	Dec-09-24	Dec-30-24	Preparation/ Submittal - 30% Design Development																							
DD1005	Stakeholders Review - 30% Design Development (County)	10	0	10	0	Dec-23-24	Jan-07-25	Dec-23-24	Jan-07-25	Stakeholders Review - 30% Design Development (County)																							
DD1010	Preparation/ Submittal - 50% Design Development	15	0	15	0	Dec-31-24	Jan-21-25	Dec-31-24	Jan-21-25	Preparation/ Submittal - 50% Design Development																							
DD1015	Stakeholders Review - 50% Design Development (County)	10	0	10	0	Jan-15-25	Jan-28-25	Jan-15-25	Jan-28-25	Stakeholders Review - 50% Design Development (County)																							
DD1020	Preparation/ Submittal - 100% Design Development	15	0	15	0	Jan-22-25	Feb-11-25	Jan-22-25	Feb-11-25	Preparation/ Submittal - 100% Design Development																							
DD1025	Stakeholders Review - 100% Design Development (County)	10	0	10	0	Feb-05-25	Feb-19-25	Feb-05-25	Feb-19-25	Stakeholders Review - 100% Design Development (County)																							
DD1030	Approval - 100% Design Development	1	0	1	0	Feb-19-25	Feb-19-25	Feb-19-25	Feb-19-25	Approval - 100% Design Development																							
CONSTRUCTION DOCUMENTS		96	0	96	0	Feb-19-25	Jul-03-25	Feb-19-25	Jul-03-25																								
CD1000	Preparation/ Submittal - 30% Construction Documents	15	0	15	0	Feb-19-25	Mar-11-25	Feb-19-25	Mar-11-25	Preparation/ Submittal - 30% Construction Documents																							
CD1005	Stakeholders Review - 30% Construction Documents (County)	15	0	15	0	Mar-05-25	Mar-25-25	Mar-05-25	Mar-25-25	Stakeholders Review - 30% Construction Documents (County)																							
CD1010	Preparation/ Submittal - 50-65% Construction Documents	15	0	15	0	Mar-19-25	Apr-08-25	Mar-19-25	Apr-08-25	Preparation/ Submittal - 50-65% Construction Documents																							
CD1015	Stakeholders Review - 50-65% Construction Documents (County)	15	0	15	0	Apr-02-25	Apr-22-25	Apr-02-25	Apr-22-25	Stakeholders Review - 50-65% Construction Documents (County)																							
CD1020	Preparation/ Submittal - 80-95% Construction Documents	15	0	15	0	Apr-16-25	May-06-25	Apr-16-25	May-06-25	Preparation/ Submittal - 80-95% Construction Documents																							
CD1025	Stakeholders Review - 80-95% Construction Documents (County)	15	0	15	0	Apr-30-25	May-20-25	Apr-30-25	May-20-25	Stakeholders Review - 80-95% Construction Documents (County)																							
CD1030	Preparation/ Submittal - 100% Construction Documents	15	0	15	1	May-14-25	Jun-04-25	May-15-25	Jun-05-25	Preparation/ Submittal - 100% Construction Documents																							
CD1045	80-95% Construction Documents - County Initial Plan Check	21	0	21	0	May-21-25	Jun-19-25	May-21-25	Jun-19-25	80-95% Construction Documents - County Initial Plan Check																							
CD1035	Stakeholders Review - 100% Construction Documents (County)	15	0	15	1	May-29-25	Jun-18-25	May-30-25	Jun-19-25	Stakeholders Review - 100% Construction Documents (County)																							
CD1050	100% Construction Documents - County Plan Backcheck	10	0	10	0	Jun-20-25	Jul-03-25	Jun-20-25	Jul-03-25	100% Construction Documents - County Plan Backcheck																							
CD1040	Approval/ Complete - 100% Construction Documents	1	0	1	0	Jul-03-25	Jul-03-25	Jul-03-25	Jul-03-25	Approval/ Complete - 100% Construction Documents																							
SITE PACKAGE		56	0	56	20	Mar-19-25	Jun-05-25	Apr-16-25	Jul-03-25																								
SP1000	Preparation/ Submittal - 80-95% Site Package Documents	15	0	15	20	Mar-19-25	Apr-08-25	Apr-16-25	May-06-25	Preparation/ Submittal - 80-95% Site Package Documents																							
SP1005	Stakeholders Review - 80-95% Site Package Documents (County)	15	0	15	20	Apr-02-25	Apr-22-25	Apr-30-25	May-20-25	Stakeholders Review - 80-95% Site Package Documents (County)																							
SP1010	Preparation/ Submittal - 100% Site Package Documents	15	0	15	21	Apr-16-25	May-06-25	May-15-25	Jun-05-25	Preparation/ Submittal - 100% Site Package Documents																							
SP1015	80-95% Site Package Documents - County Initial Plan Check	21	0	21	20	Apr-23-25	May-21-25	May-21-25	Jun-19-25	80-95% Site Package Documents - County Initial Plan Check																							
SP1020	Stakeholders Review - 100% Site Package Documents (County)	15	0	15	21	Apr-30-25	May-20-25	May-30-25	Jun-19-25	Stakeholders Review - 100% Site Package Documents (County)																							
SP1025	100% Site Package Documents - County Plan Backcheck	10	0	10	20	May-22-25	Jun-05-25	Jun-20-25	Jul-03-25	100% Site Package Documents - County Plan Backcheck																							
SP1030	Approval/ Complete - 100% Site Package Documents	1	0	1	20	Jun-05-25	Jun-05-25	Jul-03-25	Jul-03-25	Approval/ Complete - 100% Site Package Documents																							
PACIFIC GAS & ELECTRICAL		109	0	109	169	Feb-05-25	Jul-10-25	Oct-06-25	Mar-12-26																								

START DATE: Aug-30-24
FINISH DATE: Nov-30-26
DATA DATE: Aug-30-24
RUN DATE: Aug-29-24 16:06
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- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

CLOVIS REGIONAL LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE



CLOVIS REGIONAL LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE

Activity ID	Activity Name	Orig Dur	Act Dur	Rem Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	2025												2026											
										A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
PGE1000	PG&E Application	2	0	2	169	Feb-05-25	Feb-06-25	Oct-06-25	Oct-07-25	PG&E Application																							
PGE1005	PG&E Design Submittal (60 CDs - Globals/ 1st Design Submittal)	43	0	43	169	Feb-07-25	Apr-09-25	Oct-08-25	Dec-09-25	PG&E Design Submittal (60 CDs - Globals/ 1st Design Submittal)																							
PGE1010	PG&E Review/Approve Designs (45 CDs)	32	0	32	169	Apr-10-25	May-23-25	Dec-10-25	Jan-26-26	PG&E Review/Approve Designs (45 CDs)																							
PGE1015	PG&E Contract (45 CDs)	32	0	32	169	May-27-25	Jul-10-25	Jan-27-26	Mar-12-26	PG&E Contract (45 CDs)																							
PRECONSTRUCTION		75	0	75	0	Jun-05-25	Sep-19-25	Jul-03-25	Sep-19-25																								
SITE PACKAGE		36	0	36	38	Jun-05-25	Jul-25-25	Jul-30-25	Sep-18-25																								
PC1025	Site Package - Precon - Site Logistics/ Scoping & SOW/ Baseline Schedule	15	0	15	38	Jun-05-25	Jun-25-25	Jul-30-25	Aug-19-25	Site Package - Precon - Site Logistics/ Scoping & SOW/ Baseline Schedule																							
PC1030	Site Package - Bidding Period	15	0	15	38	Jun-05-25	Jun-25-25	Jul-30-25	Aug-19-25	Site Package - Bidding Period																							
PC1035	Site Package - BIDD DAY	1	0	1	38	Jun-26-25	Jun-26-25	Aug-20-25	Aug-20-25	Site Package - BIDD DAY																							
PC1040	Site Package - Post Bid Review	10	0	10	38	Jun-27-25	Jul-11-25	Aug-21-25	Sep-04-25	Site Package - Post Bid Review																							
PC1045	Site Package - Contracts	10	0	10	38	Jul-14-25	Jul-25-25	Sep-05-25	Sep-18-25	Site Package - Contracts																							
BUILDING PACKAGE		55	0	55	0	Jul-03-25	Sep-19-25	Jul-03-25	Sep-19-25																								
PC1000	Precon - Site Logistics/ Scoping & SOW/ Baseline Schedule	20	0	20	0	Jul-03-25	Jul-31-25	Jul-03-25	Jul-31-25	Precon - Site Logistics/ Scoping & SOW/ Baseline Schedule																							
PC1005	Bidding Period	20	0	20	0	Jul-03-25	Jul-31-25	Jul-03-25	Jul-31-25	Bidding Period																							
PC1010	BIDD DAY	1	0	1	0	Aug-01-25	Aug-01-25	Aug-01-25	Aug-01-25	BIDD DAY																							
PC1015	Post Bid Review	17	0	17	0	Aug-04-25	Aug-26-25	Aug-04-25	Aug-26-25	Post Bid Review																							
PC1020	Contracts	17	0	17	0	Aug-27-25	Sep-19-25	Aug-27-25	Sep-19-25	Contracts																							
CONSTRUCTION		390	0	390	0	May-15-25	Nov-30-26	May-15-25	Nov-30-26																								
GENERAL		565	0	565	0	May-15-25	Nov-30-26	May-15-25	Nov-30-26																								
GN-1035	Electrical Procurement Activity Start	0	0	0	0	May-15-25*		May-15-25		Electrical Procurement Activity Start																							
GN-1000	Issue Notice to Proceed with Construction (NTP Construction) - Site Package	0	0	0	55	Jul-26-25		Sep-19-25		Issue Notice to Proceed with Construction (NTP Construction) - Site Package																							
GN-1010	Contractor Construction Duration (Calendar Days)	493	0	493	0	Jul-26-25	Nov-30-26	Sep-19-25	Nov-30-26	Contractor Construction Duration (Calendar Days)																							
GN-1040	Issue Notice to Proceed with Construction (NTP Construction) - Building Package	0	0	0	2	Sep-20-25		Sep-22-25		Issue Notice to Proceed with Construction (NTP Construction) - Building Package																							
GN-1020	Project Substantial Completion	0	0	0	28		Nov-02-26		Nov-30-26	Project Substantial Completion																							
GN-1030	Project Final Completion	0	0	0	0		Nov-30-26*		Nov-30-26	Project Final Completion																							
INCLEMENT WEATHER DAYS - PRECIPITATION (DP01>=.10)		28	0	28	0	Nov-03-26	Nov-30-26	Nov-03-26	Nov-30-26																								
INCL-1020	Inclement Weather Days - July 2025 - November 2026 (28 Calendar Days)	28	0	28	0	Nov-03-26	Nov-30-26	Nov-03-26	Nov-30-26	Inclement Weather Days - July 2025 - November 2026 (28 Calendar Days)																							
MOBE/DEMOBE		322	0	322	0	Jul-28-25	Nov-02-26	Sep-19-25	Nov-02-26																								
MO-1000	Mobilization	2	0	2	38	Jul-28-25	Jul-29-25	Sep-19-25	Sep-22-25	Mobilization																							
MO-1005	Demobe	2	0	2	0	Oct-30-26	Nov-02-26	Oct-30-26	Nov-02-26	Demobe																							
PACIFIC GAS & ELECTRICAL		97	0	97	169	Jul-11-25	Nov-25-25	Mar-13-26	Jul-29-26																								
PGE1020	PG&E Preconstruction Meeting (15 CDs)	11	0	11	169	Jul-11-25	Jul-25-25	Mar-13-26	Mar-27-26	PG&E Preconstruction Meeting (15 CDs)																							
PGE1025	PG&E Applicant Installed Facilities (60 CDs)	43	0	43	169	Jul-28-25	Sep-25-25	Mar-30-26	May-28-26	PG&E Applicant Installed Facilities (60 CDs)																							
PGE1030	PG&E Heat-Up/ Meter Set (60 CDs)	43	0	43	169	Sep-26-25	Nov-25-25	May-29-26	Jul-29-26	PG&E Heat-Up/ Meter Set (60 CDs)																							
SITE WORK		4	0	4	38	Jul-30-25	Aug-04-25	Sep-23-25	Sep-26-25																								
SW-1000	Underground Utility Survey/ Potholing	2	0	2	38	Jul-30-25	Jul-31-25	Sep-23-25	Sep-24-25	Underground Utility Survey/ Potholing																							
SW-1005	Safe-Off/ Protect (E) Utilities & Site Conditions	2	0	2	38	Jul-30-25	Jul-31-25	Sep-23-25	Sep-24-25	Safe-Off/ Protect (E) Utilities & Site Conditions																							
SW-1010	Clear & Grub	3	0	3	38	Jul-31-25	Aug-04-25	Sep-24-25	Sep-26-25	Clear & Grub																							
SW-1015	Selective Demolition	3	0	3	38	Jul-31-25	Aug-04-25	Sep-24-25	Sep-26-25	Selective Demolition																							
EARTHWORK		11	0	11	38	Aug-05-25	Aug-19-25	Sep-29-25	Oct-13-25																								
EW-1000	Stake/ Layout Rough Earthwork	1	0	1	38	Aug-05-25	Aug-05-25	Sep-29-25	Sep-29-25	Stake/ Layout Rough Earthwork																							
EW-1005	Rough Earthwork	3	0	3	38	Aug-06-25	Aug-08-25	Sep-30-25	Oct-02-25	Rough Earthwork																							
EW-1010	Stake/ Layout Building Pad	2	0	2	38	Aug-11-25	Aug-12-25	Oct-03-25	Oct-06-25	Stake/ Layout Building Pad																							
EW-1015	Over-Excavate/ Recompact Building Pads	5	0	5	38	Aug-13-25	Aug-19-25	Oct-07-25	Oct-13-25	Over-Excavate/ Recompact Building Pads																							
UTILITIES/ SITE FINISHES		292	0	292	18	Aug-11-25	Oct-05-26	Dec-29-25	Oct-29-26																								
CLOSEOUT/ PUNCH-LIST		25	0	25	18	Aug-31-26	Oct-05-26	Sep-25-26	Oct-29-26																								

START DATE: Aug-30-24
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- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

CLOVIS REGIONAL LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE



CLOVIS REGIONAL LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE

Activity ID	Activity Name	Orig Dur	Act Dur	Rem Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	2025												2026											
										A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
DIVISION 9		100	0	100	146	Sep-22-25	Feb-12-26	Jan-26-26	Sep-10-26																								
092116-1A	Sub - Gypsum Board	30	0	30	86	Sep-22-25	Oct-31-25	Jan-26-26	Mar-09-26	Sub - Gypsum Board																							
092400-1A	Sub - Cement Plastering	30	0	30	136	Sep-22-25	Oct-31-25	Apr-07-26	May-18-26	Sub - Cement Plastering																							
093000-1A	Sub - Tiling	30	0	30	136	Sep-22-25	Oct-31-25	Apr-07-26	May-18-26	Sub - Tiling																							
095100-1A	Sub - Acoustical Ceiling Panels	30	0	30	121	Sep-22-25	Oct-31-25	Mar-17-26	Apr-27-26	Sub - Acoustical Ceiling Panels																							
096513.13-1A	Sub - Resilient Base & Accessories	30	0	30	156	Sep-22-25	Oct-31-25	May-05-26	Jun-16-26	Sub - Resilient Base & Accessories																							
097216-1A	Sub - Vinyl Tackboard	40	0	40	146	Sep-22-25	Nov-14-25	Apr-21-26	Jun-16-26	Sub - Vinyl Tackboard																							
097216.17-1A	Sub - Tackable Wall Covering	40	0	40	139	Sep-22-25	Nov-14-25	Apr-10-26	Jun-05-26	Sub - Tackable Wall Covering																							
099000-1A	Sub - Painting & Coating	30	0	30	136	Sep-22-25	Oct-31-25	Apr-07-26	May-18-26	Sub - Painting & Coating																							
092116-1B	Rev - Gypsum Board	20	0	20	86	Nov-03-25	Dec-02-25	Mar-10-26	Apr-06-26	Rev - Gypsum Board																							
092400-1B	Rev - Cement Plastering	20	0	20	136	Nov-03-25	Dec-02-25	May-19-26	Jun-16-26	Rev - Cement Plastering																							
093000-1B	Rev - Tiling	20	0	20	136	Nov-03-25	Dec-02-25	May-19-26	Jun-16-26	Rev - Tiling																							
095100-1B	Rev - Acoustical Ceiling Panels	20	0	20	121	Nov-03-25	Dec-02-25	Apr-28-26	May-26-26	Rev - Acoustical Ceiling Panels																							
096513.13-1B	Rev - Resilient Base & Accessories	20	0	20	156	Nov-03-25	Dec-02-25	Jun-17-26	Jul-15-26	Rev - Resilient Base & Accessories																							
099000-1B	Rev - Painting & Coating	20	0	20	136	Nov-03-25	Dec-02-25	May-19-26	Jun-16-26	Rev - Painting & Coating																							
097216-1B	Rev - Vinyl Tackboard	20	0	20	146	Nov-17-25	Dec-16-25	Jun-17-26	Jul-15-26	Rev - Vinyl Tackboard																							
097216.17-1B	Rev - Tackable Wall Covering	20	0	20	139	Nov-17-25	Dec-16-25	Jun-08-26	Jul-06-26	Rev - Tackable Wall Covering																							
092116-1C	Fab/Del - Gypsum Board	30	0	30	86	Dec-03-25	Jan-15-26	Apr-07-26	May-18-26	Fab/Del - Gypsum Board																							
092400-1C	Fab/Del - Cement Plastering	40	0	40	136	Dec-03-25	Jan-29-26	Jun-17-26	Aug-12-26	Fab/Del - Cement Plastering																							
093000-1C	Fab/Del - Tiling	30	0	30	136	Dec-03-25	Jan-15-26	Jun-17-26	Jul-29-26	Fab/Del - Tiling																							
095100-1C	Fab/Del - Acoustical Ceiling Panels	50	0	50	121	Dec-03-25	Feb-12-26	May-27-26	Aug-05-26	Fab/Del - Acoustical Ceiling Panels																							
096513.13-1C	Fab/Del - Resilient Base & Accessories	40	0	40	156	Dec-03-25	Jan-29-26	Jul-16-26	Sep-10-26	Fab/Del - Resilient Base & Accessories																							
099000-1C	Fab/Del - Painting & Coating	30	0	30	136	Dec-03-25	Jan-15-26	Jun-17-26	Jul-29-26	Fab/Del - Painting & Coating																							
097216-1C	Fab/Del - Vinyl Tackboard	40	0	40	146	Dec-17-25	Feb-12-26	Jul-16-26	Sep-10-26	Fab/Del - Vinyl Tackboard																							
097216.17-1C	Fab/Del - Tackable Wall Covering	40	0	40	139	Dec-17-25	Feb-12-26	Jul-07-26	Aug-31-26	Fab/Del - Tackable Wall Covering																							
DIVISION 10		100	0	100	151	Sep-22-25	Feb-12-26	Apr-28-26	Sep-17-26																								
101100-1A	Sub - Markerboard	30	0	30	166	Sep-22-25	Oct-31-25	May-19-26	Jun-30-26	Sub - Markerboard																							
101400-1A	Sub - Graphics/Signage	30	0	30	151	Sep-22-25	Oct-31-25	Apr-28-26	Jun-09-26	Sub - Graphics/Signage																							
102113-1A	Sub - Toilet Compartments	30	0	30	151	Sep-22-25	Oct-31-25	Apr-28-26	Jun-09-26	Sub - Toilet Compartments																							
102613-1A	Sub - Wall Protection	30	0	30	159	Sep-22-25	Oct-31-25	May-08-26	Jun-19-26	Sub - Wall Protection																							
102813-1A	Sub - Toilet Accessories	30	0	30	161	Sep-22-25	Oct-31-25	May-12-26	Jun-23-26	Sub - Toilet Accessories																							
104400-1A	Sub - Fire Extinguisher/Cabinets	30	0	30	171	Sep-22-25	Oct-31-25	May-27-26	Jul-08-26	Sub - Fire Extinguisher/Cabinets																							
101100-1B	Rev - Markerboard	20	0	20	166	Nov-03-25	Dec-02-25	Jul-01-26	Jul-29-26	Rev - Markerboard																							
101400-1B	Rev - Graphics/Signage	20	0	20	151	Nov-03-25	Dec-02-25	Jun-10-26	Jul-08-26	Rev - Graphics/Signage																							
102113-1B	Rev - Toilet Compartments	20	0	20	151	Nov-03-25	Dec-02-25	Jun-10-26	Jul-08-26	Rev - Toilet Compartments																							
102613-1B	Rev - Wall Protection	20	0	20	159	Nov-03-25	Dec-02-25	Jun-22-26	Jul-20-26	Rev - Wall Protection																							
102813-1B	Rev - Toilet Accessories	20	0	20	161	Nov-03-25	Dec-02-25	Jun-24-26	Jul-22-26	Rev - Toilet Accessories																							
104400-1B	Rev - Fire Extinguisher/Cabinets	20	0	20	171	Nov-03-25	Dec-02-25	Jul-09-26	Aug-05-26	Rev - Fire Extinguisher/Cabinets																							
101100-1C	Fab/Del - Markerboard	30	0	30	166	Dec-03-25	Jan-15-26	Jul-30-26	Sep-10-26	Fab/Del - Markerboard																							
101400-1C	Fab/Del - Graphics/Signage	50	0	50	151	Dec-03-25	Feb-12-26	Jul-09-26	Sep-17-26	Fab/Del - Graphics/Signage																							
102113-1C	Fab/Del - Toilet Compartments	30	0	30	151	Dec-03-25	Jan-15-26	Jul-09-26	Aug-19-26	Fab/Del - Toilet Compartments																							
102613-1C	Fab/Del - Wall Protection	30	0	30	159	Dec-03-25	Jan-15-26	Jul-21-26	Aug-31-26	Fab/Del - Wall Protection																							
102813-1C	Fab/Del - Toilet Accessories	30	0	30	161	Dec-03-25	Jan-15-26	Jul-23-26	Sep-02-26	Fab/Del - Toilet Accessories																							
104400-1C	Fab/Del - Fire Extinguisher/Cabinets	30	0	30	171	Dec-03-25	Jan-15-26	Aug-06-26	Sep-17-26	Fab/Del - Fire Extinguisher/Cabinets																							
DIVISION 21		80	0	80	161	Sep-22-25	Jan-15-26	Dec-18-25	Sep-02-26																								
210000-1A	Sub - Fire Suppression Sprinkler System	30	0	30	61	Sep-22-25	Oct-31-25	Dec-18-25	Jan-30-26	Sub - Fire Suppression Sprinkler System																							

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- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

CLOVIS REGIONAL LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE



REEDLEY LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE

Activity ID	Activity Name	Orig Dur	Act Dur	Rem Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	2025												2026											
										A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
REEDLEY LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE		526	0	526	0	Aug-30-24	Sep-29-26	Aug-30-24	Sep-29-26																								
ANTICIPATED PROJECT SCHEDULE MILESTONES		35	0	35	0	Aug-30-24	Oct-18-24	Aug-30-24	Oct-18-24																								
A1000	Design-Build Entities Stage 1 Proposals Deadline	1	0	1	0	Aug-30-24	Aug-30-24	Aug-30-24	Aug-30-24	Design-Build/Entities Stage 1 Proposals Deadline																							
A1005	Design-Build Entity Presentations/ Interviews	4	0	4	0	Sep-03-24	Sep-06-24	Sep-03-24	Sep-06-24	Design-Build Entity Presentations/ Interviews																							
A1010	Design-Build Entities Stage 2 (Final) Proposals Deadline	3	0	3	0	Sep-09-24	Sep-11-24	Sep-09-24	Sep-11-24	Design-Build Entities Stage 2 (Final) Proposals Deadline																							
A1015	County RFP Proposal Review Process Complete	5	0	5	0	Sep-12-24	Sep-18-24	Sep-12-24	Sep-18-24	County RFP Proposal Review Process Complete																							
A1020	Design-Build Entity Ranking and Notification Issued	3	0	3	0	Sep-19-24	Sep-23-24	Sep-19-24	Sep-23-24	Design-Build Entity Ranking and Notification Issued																							
A1025	County BOS Award/ Contract Approval	11	0	11	0	Sep-24-24	Oct-08-24	Sep-24-24	Oct-08-24	County BOS Award/ Contract Approval																							
A1030	Issue Notice to Proceed with Design (NTP Design)	8	0	8	0	Oct-09-24	Oct-18-24	Oct-09-24	Oct-18-24	Issue Notice to Proceed with Design (NTP Design)																							
DESIGN SERVICES		183	0	183	119	Oct-18-24	Jul-10-25	Oct-18-24	Dec-30-25																								
SCHEMATICS DESIGN		35	0	35	0	Oct-18-24	Dec-09-24	Oct-18-24	Dec-09-24																								
SD1000	Preparation/ Submittal - Schematic Design #01	15	0	15	0	Oct-18-24	Nov-07-24	Oct-18-24	Nov-07-24	Preparation/ Submittal - Schematic Design #01																							
SD1005	Stakeholders Review - Schematic Design #01 (County)	10	0	10	0	Nov-01-24	Nov-14-24	Nov-01-24	Nov-14-24	Stakeholders Review - Schematic Design #01 (County)																							
SD1010	Preparation/ Submittal - Schematic Design #02	15	0	15	0	Nov-08-24	Dec-02-24	Nov-08-24	Dec-02-24	Preparation/ Submittal - Schematic Design #02																							
SD1015	Stakeholders Review - Schematic Design #02 (County)	10	0	10	0	Nov-22-24	Dec-09-24	Nov-22-24	Dec-09-24	Stakeholders Review - Schematic Design #02 (County)																							
SD1020	Approval - Schematic Design	1	0	1	0	Dec-09-24	Dec-09-24	Dec-09-24	Dec-09-24	Approval - Schematic Design																							
DESIGN DEVELOPMENT		50	0	50	0	Dec-09-24	Feb-19-25	Dec-09-24	Feb-19-25																								
DD1000	Preparation/ Submittal - 30% Design Development	15	0	15	0	Dec-09-24	Dec-30-24	Dec-09-24	Dec-30-24	Preparation/ Submittal - 30% Design Development																							
DD1005	Stakeholders Review - 30% Design Development (County)	10	0	10	0	Dec-23-24	Jan-07-25	Dec-23-24	Jan-07-25	Stakeholders Review - 30% Design Development (County)																							
DD1010	Preparation/ Submittal - 50% Design Development	15	0	15	0	Dec-31-24	Jan-21-25	Dec-31-24	Jan-21-25	Preparation/ Submittal - 50% Design Development																							
DD1015	Stakeholders Review - 50% Design Development (County)	10	0	10	0	Jan-15-25	Jan-28-25	Jan-15-25	Jan-28-25	Stakeholders Review - 50% Design Development (County)																							
DD1020	Preparation/ Submittal - 100% Design Development	15	0	15	0	Jan-22-25	Feb-11-25	Jan-22-25	Feb-11-25	Preparation/ Submittal - 100% Design Development																							
DD1025	Stakeholders Review - 100% Design Development (County)	10	0	10	0	Feb-05-25	Feb-19-25	Feb-05-25	Feb-19-25	Stakeholders Review - 100% Design Development (County)																							
DD1030	Approval - 100% Design Development	1	0	1	0	Feb-19-25	Feb-19-25	Feb-19-25	Feb-19-25	Approval - 100% Design Development																							
CONSTRUCTION DOCUMENTS		96	0	96	0	Feb-19-25	Jul-03-25	Feb-19-25	Jul-03-25																								
CD1000	Preparation/ Submittal - 30% Construction Documents	15	0	15	0	Feb-19-25	Mar-11-25	Feb-19-25	Mar-11-25	Preparation/ Submittal - 30% Construction Documents																							
CD1005	Stakeholders Review - 30% Construction Documents (County)	15	0	15	0	Mar-05-25	Mar-25-25	Mar-05-25	Mar-25-25	Stakeholders Review - 30% Construction Documents (County)																							
CD1010	Preparation/ Submittal - 50-65% Construction Documents	15	0	15	0	Mar-19-25	Apr-08-25	Mar-19-25	Apr-08-25	Preparation/ Submittal - 50-65% Construction Documents																							
CD1015	Stakeholders Review - 50-65% Construction Documents (County)	15	0	15	0	Apr-02-25	Apr-22-25	Apr-02-25	Apr-22-25	Stakeholders Review - 50-65% Construction Documents (County)																							
CD1020	Preparation/ Submittal - 80-95% Construction Documents	15	0	15	0	Apr-16-25	May-06-25	Apr-16-25	May-06-25	Preparation/ Submittal - 80-95% Construction Documents																							
CD1025	Stakeholders Review - 80-95% Construction Documents (County)	15	0	15	0	Apr-30-25	May-20-25	Apr-30-25	May-20-25	Stakeholders Review - 80-95% Construction Documents (County)																							
CD1030	Preparation/ Submittal - 100% Construction Documents	15	0	15	1	May-14-25	Jun-04-25	May-15-25	Jun-05-25	Preparation/ Submittal - 100% Construction Documents																							
CD1050	80-95% Construction Documents - County Initial Plan Check	21	0	21	0	May-21-25	Jun-19-25	May-21-25	Jun-19-25	80-95% Construction Documents - County Initial Plan Check																							
CD1035	Stakeholders Review - 100% Construction Documents (County)	15	0	15	1	May-29-25	Jun-18-25	May-30-25	Jun-19-25	Stakeholders Review - 100% Construction Documents (County)																							
CD1055	100% Construction Documents - County Plan Backcheck	10	0	10	0	Jun-20-25	Jul-03-25	Jun-20-25	Jul-03-25	100% Construction Documents - County Plan Backcheck																							
CD1040	Approval/ Complete - 100% Construction Documents	1	0	1	0	Jul-03-25	Jul-03-25	Jul-03-25	Jul-03-25	Approval/ Complete - 100% Construction Documents																							
SITE PACKAGE		56	0	56	44	Mar-19-25	Jun-05-25	May-20-25	Aug-07-25																								
SP1000	Preparation/ Submittal - 80-95% Site Package Documents	15	0	15	44	Mar-19-25	Apr-08-25	May-20-25	Jun-10-25	Preparation/ Submittal - 80-95% Site Package Documents																							
SP1005	Stakeholders Review - 80-95% Site Package Documents (County)	15	0	15	44	Apr-02-25	Apr-22-25	Jun-04-25	Jun-24-25	Stakeholders Review - 80-95% Site Package Documents (County)																							
SP1010	Preparation/ Submittal - 100% Site Package Documents	15	0	15	45	Apr-16-25	May-06-25	Jun-19-25	Jul-10-25	Preparation/ Submittal - 100% Site Package Documents																							
SP1015	80-95% Site Package Documents - County Initial Plan Check	21	0	21	44	Apr-23-25	May-21-25	Jun-25-25	Jul-24-25	80-95% Site Package Documents - County Initial Plan Check																							
SP1020	Stakeholders Review - 100% Site Package Documents (County)	15	0	15	45	Apr-30-25	May-20-25	Jul-03-25	Jul-24-25	Stakeholders Review - 100% Site Package Documents (County)																							
SP1025	100% Site Package Documents - County Plan Backcheck	10	0	10	44	May-22-25	Jun-05-25	Jul-25-25	Aug-07-25	100% Site Package Documents - County Plan Backcheck																							
SP1030	Approval/ Complete - 100% Site Package Documents	1	0	1	44	Jun-05-25	Jun-05-25	Aug-07-25	Aug-07-25	Approval/ Complete - 100% Site Package Documents																							
PACIFIC GAS & ELECTRICAL		109	0	109	119	Feb-05-25	Jul-10-25	Jul-25-25	Dec-30-25																								

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- Remaining Level of Effort
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- Remaining Work
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REEDLEY LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE



REEDLEY LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE

Activity ID	Activity Name	Orig Dur	Act Dur	Rem Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	2025												2026											
										A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
PGE1000	PG&E Application	2	0	2	119	Feb-05-25	Feb-06-25	Jul-25-25	Jul-28-25	<div style="display: flex; justify-content: space-between;"> PG&E Application PG&E Design Submittal (60 CDs - Globals/ 1st Design Submittal) PG&E Review/Approve Design (45 CDs) PG&E Contract (45 CDs) </div>																							
PGE1005	PG&E Design Submittal (60 CDs - Globals/ 1st Design Submittal)	43	0	43	119	Feb-07-25	Apr-09-25	Jul-29-25	Sep-26-25																								
PGE1010	PG&E Review/Approve Design (45 CDs)	32	0	32	119	Apr-10-25	May-23-25	Sep-29-25	Nov-11-25																								
PGE1015	PG&E Contract (45 CDs)	32	0	32	119	May-27-25	Jul-10-25	Nov-12-25	Dec-30-25																								
PRECONSTRUCTION		81	0	81	0	Jun-05-25	Sep-29-25	Jul-03-25	Sep-29-25																								
SITE PACKAGE		36	0	36	44	Jun-05-25	Jul-25-25	Aug-07-25	Sep-26-25																								
PC1000	Site Package - Precon - Site Logistics/ Scoping & SOW/ Baseline Schedule	15	0	15	44	Jun-05-25	Jun-25-25	Aug-07-25	Aug-27-25	<div style="display: flex; justify-content: space-between;"> Site Package - Precon - Site Logistics/ Scoping & SOW/ Baseline Schedule Site Package - Bidding Period Site Package - BID DAY Site Package - Post Bid Review Site Package - Contracts </div>																							
PC1005	Site Package - Bidding Period	15	0	15	44	Jun-05-25	Jun-25-25	Aug-07-25	Aug-27-25																								
PC1010	Site Package - BID DAY	1	0	1	44	Jun-26-25	Jun-26-25	Aug-28-25	Aug-28-25																								
PC1015	Site Package - Post Bid Review	10	0	10	44	Jun-27-25	Jul-11-25	Aug-29-25	Sep-12-25																								
PC1020	Site Package - Contracts	10	0	10	44	Jul-14-25	Jul-25-25	Sep-15-25	Sep-26-25																								
BUILDING PACKAGE		61	0	61	0	Jul-03-25	Sep-29-25	Jul-03-25	Sep-29-25																								
PC1025	Precon - Site Logistics/ Scoping & SOW/ Baseline Schedule	20	0	20	0	Jul-03-25	Jul-31-25	Jul-03-25	Jul-31-25	<div style="display: flex; justify-content: space-between;"> Precon - Site Logistics/ Scoping & SOW/ Baseline Schedule Bidding Period BID DAY Post Bid Review Contracts </div>																							
PC1030	Bidding Period	20	0	20	0	Jul-03-25	Jul-31-25	Jul-03-25	Jul-31-25																								
PC1035	BID DAY	1	0	1	0	Aug-01-25	Aug-01-25	Aug-01-25	Aug-01-25																								
PC1040	Post Bid Review	20	0	20	0	Aug-04-25	Aug-29-25	Aug-04-25	Aug-29-25																								
PC1045	Contracts	20	0	20	0	Sep-02-25	Sep-29-25	Sep-02-25	Sep-29-25																								
CONSTRUCTION		388	0	388	0	Mar-20-25	Sep-29-26	Mar-20-25	Sep-29-26																								
GENERAL		559	0	559	0	Mar-20-25	Sep-29-26	Mar-20-25	Sep-29-26																								
GN-1035	Electrical Procurement Activity Start	0	0	0	0	Mar-20-25*		Mar-20-25		<div style="display: flex; justify-content: space-between;"> Electrical Procurement Activity Start Issue Notice to Proceed with Construction (NTP Construction) - Site Package Contractor Construction Duration (Calendar Days) Issue Notice to Proceed with Construction (NTP Construction) - Building Package Project Substantial Completion Project Final Completion </div>																							
GN-1000	Issue Notice to Proceed with Construction (NTP Construction) - Site Package	0	0	0	65	Jul-26-25		Sep-29-25																									
GN-1010	Contractor Construction Duration (Calendar Days)	431	0	431	0	Jul-26-25	Sep-29-26	Sep-29-25	Sep-29-26																								
GN-1040	Issue Notice to Proceed with Construction (NTP Construction) - Building Package	0	0	0	0	Sep-30-25		Sep-30-25																									
GN-1020	Project Substantial Completion	0	0	0	25		Sep-04-26		Sep-29-26																								
GN-1030	Project Final Completion	0	0	0	0		Sep-29-26*		Sep-29-26																								
INCREMENT WEATHER DAYS - PRECIPITATION (DP01>=.10)		25	0	25	0	Sep-05-26	Sep-29-26	Sep-05-26	Sep-29-26																								
INCL-1020	Increment Weather Days - July 2025 - September 2026 (25 Calendar Days)	25	0	25	0	Sep-05-26	Sep-29-26	Sep-05-26	Sep-29-26																								
MOBE/DEMOBE		282	0	282	0	Jul-28-25	Sep-04-26	Sep-29-25	Sep-04-26																								
MO-1000	Mobilization	2	0	2	44	Jul-28-25	Jul-29-25	Sep-29-25	Sep-30-25	<div style="display: flex; justify-content: space-between;"> Mobilization Demobilization </div>																							
MO-1005	Demobilization	2	0	2	0	Sep-03-26	Sep-04-26	Sep-03-26	Sep-04-26																								
PACIFIC GAS & ELECTRICAL		97	0	97	119	Jul-11-25	Nov-25-25	Dec-31-25	May-18-26																								
PGE1020	PG&E Preconstruction Meeting (15 CDs)	11	0	11	119	Jul-11-25	Jul-25-25	Dec-31-25	Jan-15-26	<div style="display: flex; justify-content: space-between;"> PG&E Preconstruction Meeting (15 CDs) PG&E Applicant Installed Facilities (60 CDs) PG&E Heat-Up/Meter Set (60 CDs) </div>																							
PGE1025	PG&E Applicant Installed Facilities (60 CDs)	43	0	43	119	Jul-28-25	Sep-25-25	Jan-16-26	Mar-18-26																								
PGE1030	PG&E Heat-Up/Meter Set (60 CDs)	43	0	43	119	Sep-26-25	Nov-25-25	Mar-19-26	May-18-26																								
SITE WORK		4	0	4	44	Jul-30-25	Aug-04-25	Oct-01-25	Oct-06-25																								
SW-1000	Underground Utility Survey/ Potholing	2	0	2	44	Jul-30-25	Jul-31-25	Oct-01-25	Oct-02-25	<div style="display: flex; justify-content: space-between;"> Underground Utility Survey/ Potholing Safe-Off/Protect (E) Utilities & Site Conditions Clear & Grub Selective Demolition </div>																							
SW-1005	Safe-Off/Protect (E) Utilities & Site Conditions	2	0	2	44	Jul-30-25	Jul-31-25	Oct-01-25	Oct-02-25																								
SW-1010	Clear & Grub	3	0	3	44	Jul-31-25	Aug-04-25	Oct-02-25	Oct-06-25																								
SW-1015	Selective Demolition	3	0	3	44	Jul-31-25	Aug-04-25	Oct-02-25	Oct-06-25																								
EARTHWORK		11	0	11	44	Aug-05-25	Aug-19-25	Oct-07-25	Oct-21-25																								
EW-1000	Stake/ Layout Rough Earthwork	1	0	1	44	Aug-05-25	Aug-05-25	Oct-07-25	Oct-07-25	<div style="display: flex; justify-content: space-between;"> Stake/ Layout Rough Earthwork Rough Earthwork Stake/ Layout Building Pad Over-Excavate/ Recompact Building Pads </div>																							
EW-1005	Rough Earthwork	3	0	3	44	Aug-06-25	Aug-08-25	Oct-08-25	Oct-10-25																								
EW-1010	Stake/ Layout Building Pad	2	0	2	44	Aug-11-25	Aug-12-25	Oct-13-25	Oct-14-25																								
EW-1015	Over-Excavate/ Recompact Building Pads	5	0	5	44	Aug-13-25	Aug-19-25	Oct-15-25	Oct-21-25																								
UTILITIES/SITE FINISHES		206	0	206	64	Aug-11-25	Jun-03-26	Dec-22-25	Sep-02-26																								
CLOSEOUT/PUNCH-LIST		25	0	25	64	Apr-29-26	Jun-03-26	Jul-30-26	Sep-02-26																								

START DATE: Aug-30-24
FINISH DATE: Sep-29-26
DATA DATE: Aug-30-24
RUN DATE: Aug-29-24 15:54
PAGE 2 OF 20

- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

REEDLEY LIBRARY PRELIMINARY DESIGN/ CONSTRUCTION SCHEDULE



FACTOR V.2

Key Staffing Schedule

Factor V.2 KEY STAFFING SCHEDULE



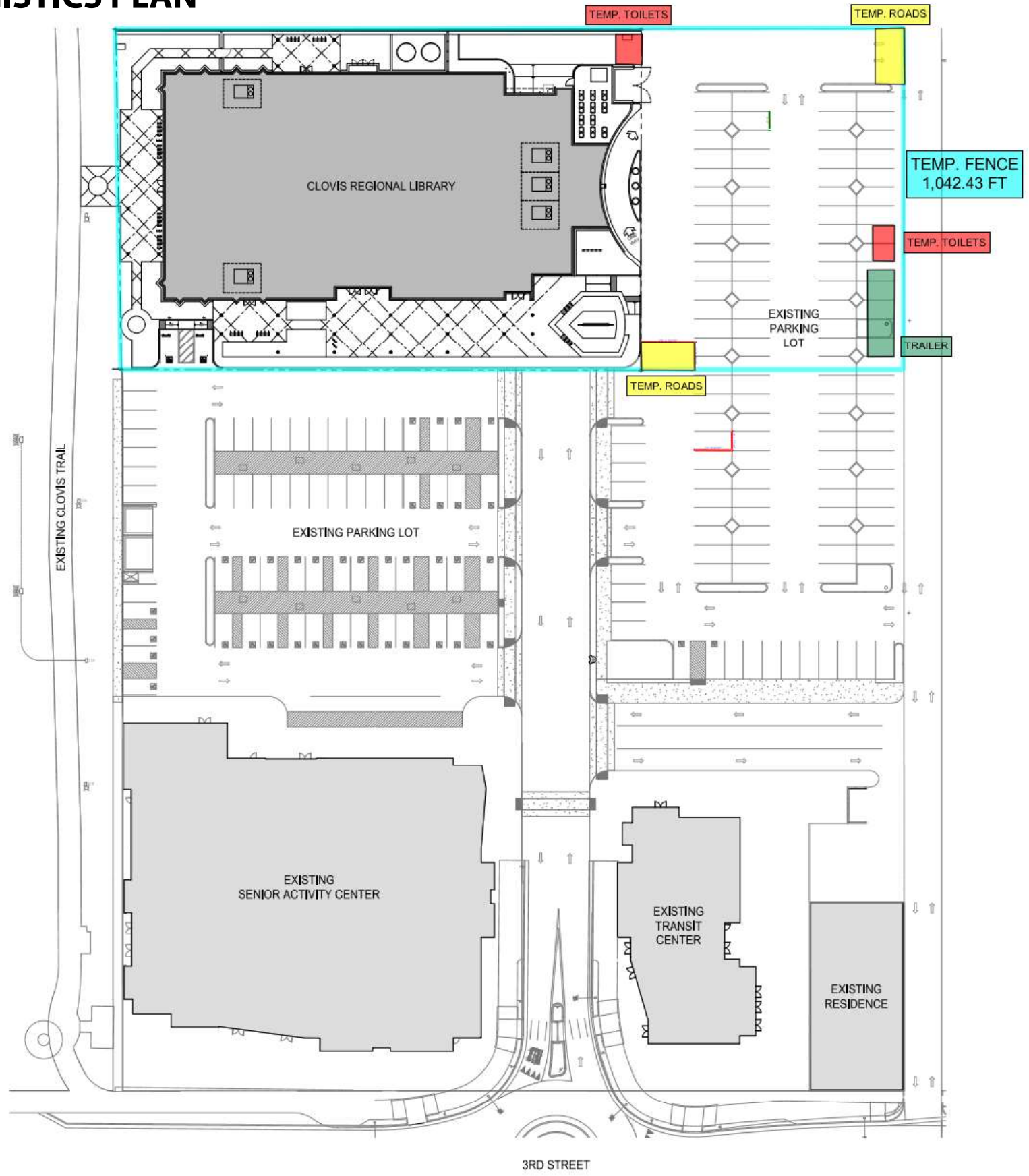
	Pre-Construction			Construction		
	Design/ Programming	SD/ DD/ Scoping/ Constructability/ Scheduling	CD/ Permitting/ Bidding	Contracts/ Mobilization/ Ground breaking	Daily Project Management	Closeout
Design-Build Team						
Michael Spencer (Harris)			X	X		
Ryan Diel (Harris)		X	X	X	X	X
Matt Davies (Harris)	X	X	X	X		
Courtney Nelson (Harris)	X	X	X	X	X	X
Karl Cumbie (Harris)	X	X	X	X	X	X
Anthony Aguilar (Harris)	X	X	X	X		
George Moua (Harris)		X	X		X	
Tony Avila (Darden)	X	X	X		X	
Andrew Corral (Darden)	X	X	X	X	X	X
Matt Heiss (Darden)	X	X	X	X	X	X
EB Landscaping	X	X	X		X	
Gateway Engineering	X	X	X		X	
Strategic Mechanical	X	X	X	X	X	X
Wild Electric	X	X	X	X	X	X
Fire System Solutions		X	X	X	X	X

* This is an anticipated allocation of resources. Harris Construction will provide full Project Management Team and Superintendent in the field to insure that these projects are completed on-time and within budget.

FACTOR V.3

Site Logistics Plan

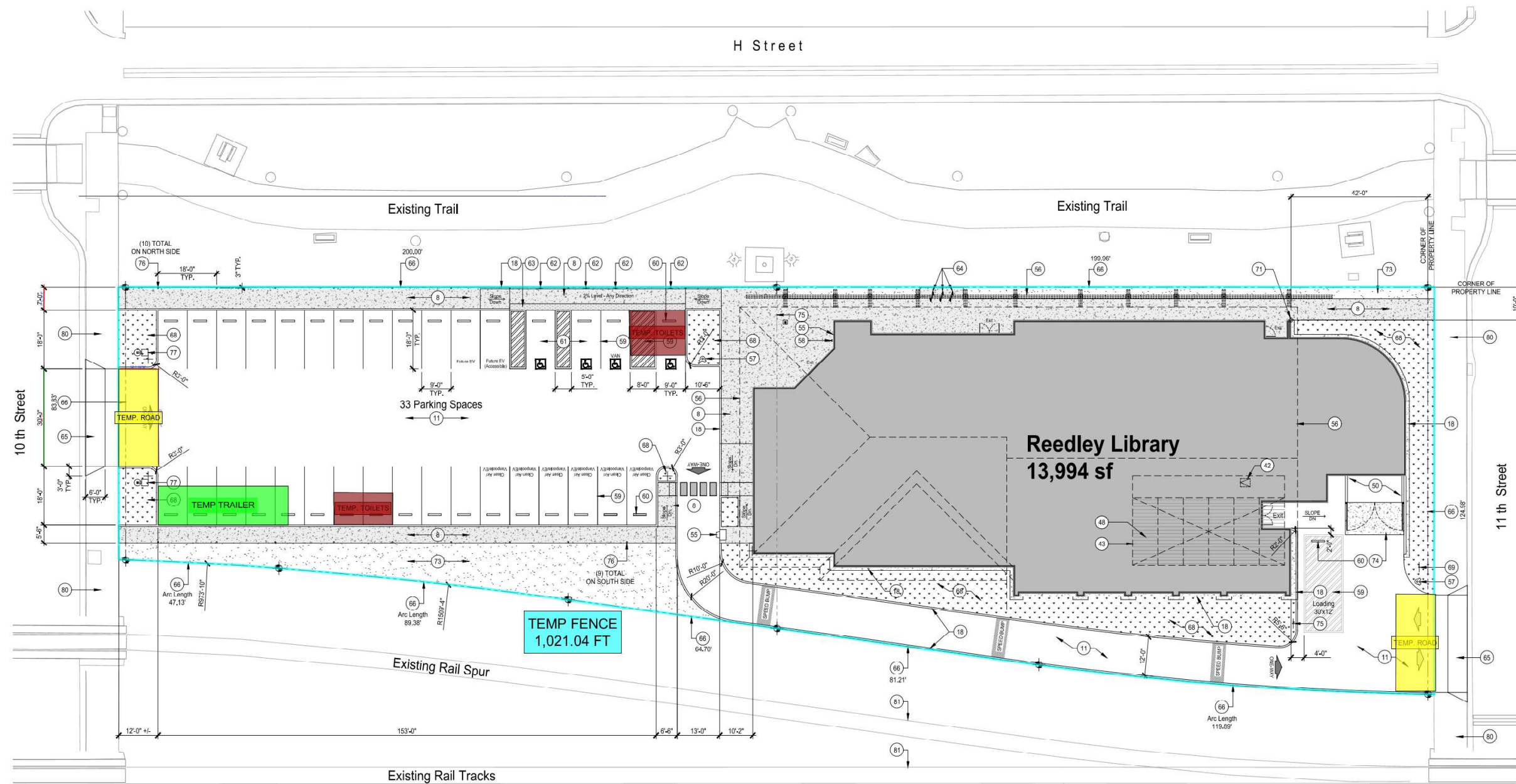
Factor V.3 SITE LOGISTICS PLAN



DOCUMENT 00 52 01
CLOVIS REGIONAL LIBRARY
DOCUMENT 02 - OVERALL SITE PLAN



Factor V.3 SITE LOGISTICS PLAN

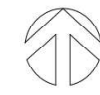


Keynotes

- | SYMBOL ON DRAWINGS | | |
|--------------------|--|--|
| 1. | NATIVE SOIL. | POINTING - CONCAVE WITH TYPE "N" MORTAR. |
| 2. | ENGINEERED FILL. | 31. ASPHALT MODIFIED BITUMINOUS ROOFING OVER 1/2" ROOF BOARD OVER RIGID INSULATION. |
| 3. | CONCRETE FOOTING. | 40. QUARRY TILE FLOORING WITH COLORED EPOXY GROUT. REFER TO FINISH SCHEDULE. |
| 4. | MOISTURE BARRIER DIRECTLY OVER COMPACTED ENGINEERED FILL. | 50. C.M.U. TRASH ENCLOSURE AND GATES PER CITY OF REEDLEY ST-50 AND ST-51. SEE FLOOR PLAN FOR DIMENSIONS. |
| 5. | CONCRETE SLAB. | 58. KNOX-BOX PER CITY OF REEDLEY FIRE DEPARTMENT. |
| 6. | CONCRETE PLASTER. | 59. PAINTED ASPHALT STRIPING. |
| 7. | CONCRETE POST. | 60. CONCRETE WHEEL STOP. |
| 8. | CONCRETE WALK. | 61. ACCESSIBLE PARKING STALL. |
| 9. | 8" THICK REINFORCED C.M.U. WALL FULLY GROUTED. | 62. ACCESSIBLE PARKING SIGN. |
| 10. | TUBE STEEL COLUMN. | 63. PRE-MANUFACTURED TRUNCATED DOMES. |
| 11. | ASPHALT PAVEMENT. | 64. (3) BIKE RACKS. LOCATED BY LANDSCAPE FORMS OR SIMILAR. FINISH TO MATCH TUBE STEEL FRAMING FINISH. |
| 12. | OPEN WEB STEEL TRUSS. | 65. CONCRETE DRIVE APPROACH. |
| 13. | STEEL "C" JOIST. | 66. PROPERTY LINE. |
| 14. | WIDE FLANGE STEEL BEAM. | 67. NOT USED. |
| 15. | WIDE FLANGE STEEL OUTRIGGER BEAM. | 68. LANDSCAPING WITH RIVER ROCK BED. |
| 16. | LIGHT GAUGE METAL FRAMING. | 69. SIGN: "NO PUBLIC ENTRANCE" |
| 17. | PRE-FINISHED POWDER COATED TUBE STEEL FRAMING. | 70. NOT USED. |
| 18. | CONCRETE CURB/ MAINTENANCE STRIP. | 71. BUILDING REFERENCE POINT. |
| 19. | METAL ROOF LEADER. | 72. CASED OPENING. |
| 20. | ROOF GUTTER SYSTEM WITH S.S. MESH GUTTER GUARD. | 73. GRADED NATIVE SOIL. |
| 21. | BRASS DOWNSPOUT NOZZLE. | 74. TRASH BIN ENCLOSURE CONCRETE APRON PER CITY OF REEDLEY "ST-53" |
| 22. | FOIL FACED FIBERGLASS BATT ATTIC INSULATION. | 75. SIGN: "NO ENTRANCE ONE WAY TRAFFIC" |
| 23. | ISO BOARD INSULATION. | 76. BOLLARD WITH ILLUMINATED FIXTURE. |
| 24. | THIN FACE BRICK (2 1/4" x 5 1/8" x 9 1/16" THK. TYPE "X" WIRE-CUT) SYSTEM OVER SCRATCH COAT OVER METAL LATH OVER DRAINAGE MAT OVER R-19 ISO BOARD INSULATION OVER WATER RESISTANT BARRIER. | 77. LAMPPOST AND CONCRETE BASE. |
| 25. | PRE-FINISHED METAL WALL PANEL OVER HAT SHAPED SUB-GIRT OVER Z-GIRT AND R-19 ISO BOARD CONTINUOUS INSULATION OVER WATER RESISTANT BARRIER. | 78. NOT USED. |
| 26. | PRE-FINISHED CURVED METAL WALL PANEL OVER HAT SHAPED SUB-GIRT OVER Z-GIRT AND R-19 ISO BOARD CONTINUOUS INSULATION OVER WATER RESISTANT BARRIER. | 79. NOT USED. |
| 27. | PRE-FINISHED METAL SOFFIT PANEL. "PAC-CLAD ARCHITECTURAL METAL" OR EQUAL. | 80. EXISTING CONCRETE WALK. |
| 28. | PRE-FINISHED PERFORATED (MAX. HOLE SIZE 1/8" DIA.) METAL SOFFIT PANEL. "PAC-CLAD ARCHITECTURAL METAL" OR EQUAL. | |
| 29. | PRE-FINISHED INSULATED METAL ROOF PANEL OVER "C" PURLIN. | |
| 30. | PRE-FINISHED METAL (22 GA) ROOF PANEL AND TRIM (24 GA). PANEL PROFILE AND FINISH TO MATCH ROOF PANEL. | |
| 32. | RIDGE VENT SYSTEM. | |
| 33. | HOLLOW METAL PAINTED WINDOW FRAME WITH DOUBLE PANE GLAZING. | |
| 34. | ANODIZED ALUMINUM STOREFRONT DOOR/ WINDOW SYSTEM WITH TEMPERED DUAL PANE ARGON FILL FD GLAZING SYSTEM. | |
| 35. | HOLLOW METAL DOOR AND FRAME. | |
| 36. | ANODIZED ALUMINUM STOREFRONT DOOR WITH TEMPERED DUAL PANE ARGON FILLED GLAZING SYSTEM. | |
| 37. | GYP. BOARD CEILING OVER METAL JOIST. PAINT. | |
| 38. | SUSPENDED ACOUSTICAL TILE CEILING SYSTEM. | |
| 39. | POLISHED CONCRETE. REFER TO ROOM FINISH SCHEDULE. | |
| 41. | BUILDING OUTLINE BEHIND - SHOWN FOR REFERENCE. | |
| 42. | ROOF ACCESS HATCH. | |
| 43. | ROOFTOP MECHANICAL UNIT CHASE. | |
| 44. | ATTIC ACCESS HATCH. | |
| 45. | MECHANICAL UNIT ON METAL ROOF CURB. | |
| 46. | PRE-FINISHED METAL ROOF PANEL OVER STEEL FRAMING. | |
| 47. | STEEL COLUMN BEHIND - SHOWN FOR REFERENCE. | |
| 48. | PRE-FINISHED POWDER COATED REMOVABLE ROOF EQUIPMENT VISUAL SCREENING. | |
| 49. | 5/8" FIRE RATED GYP. BOARD. PAINT. | |
| 51. | PRE-FINISHED CAST ALUMINUM BUILDING SIGNAGE. 2-1/4" DEEP. | |
| 52. | ALUMINUM REVEAL. | |
| 53. | THREE COAT EXTERIOR GRADE HEAVY DUTY PAINT. | |
| 54. | PRE-FINISHED 20 GA. SM. POWDER COATED METAL FASCIA WITH 16 GA. METAL CLEAT. ALL FASTENERS SHALL BE CONCEALED. | |
| 55. | CUSTOM 16 GA. STAINLESS STEEL BOOK DROP UNIT. D-B TO SUBMIT FINAL DESIGN TO CAPITAL PROJECTS FOR REVIEW AND APPROVAL. | |
| 56. | ROOF OVERHANG/ STRUCTURE ABOVE. | |
| 57. | PROPOSED FIRE HYDRANT PER CITY OF REEDLEY. | |



True North



Reference North

DOCUMENT 00 52 01
REEDLEY LIBRARY
DOCUMENT 02 - SITE PLAN

FACTOR VI

Base Items Pricing - Alternates and Proposal Alternates

Factor VI **BASE ITEMS PRICING – ALTERNATES AND PROPOSAL ALTERNATES**

Fresno County Proposal Clarifications:

Allowances not specifically included in the Base Proposal or Alternate Proposal:

1. PG&E Consultant – California Utility Consultant:
 - a. Clovis Library – Consultant Design ONLY Fee - \$20,000
 - b. Reedley Library – Consultant Design ONLY Fee - \$27,500
2. Rule 20 / WRO work associated with the pole relocation on 10th street - RFC DB02-56 and DB02-64
 - a. **For 10th Street:**
 - i. The current PG&E infrastructure includes a power pole with a 35-foot anchor lead, an underground service connected to an existing meter that appears to be east of this pole (specific meter number/service address is unknown at this time and will require further PG&E as-builts or plats), and overhead power lines that crosses the railroad tracks.
 1. **Option #1** would be to have the pole relocated west of the new drive approach. If so the following actions will be necessary:
 - a. Obtain a railroad company permit, as the existing overhead lines will be replaced with new, shorter ones.
 - b. Extend the existing underground electrical service to the new pole location.
 - c. Secure PG&E's approval for a reduction in the anchor lead to approximately 20 feet.
 2. **Option #2** would be to have the pole relocated east of the new drive approach. If so, the following actions will be necessary:
 - a. A railroad company permit will also be required, as this will involve replacing the existing overhead power lines with longer ones.
 - b. The existing underground electrical service will need to be intercepted and rerouted to the new pole location.
 - c. An existing drain inlet may conflict with the proposed anchor location, necessitating additional engineering to resolve potential conflicts.
 - d. Additionally, the City of Reedley will need to approve the installation of a new pole and anchor within the existing sidewalk.
 - e. All things noted, my recommendation would be to relocate the pole east to avoid having to extend the existing underground electrical service for construction feasibility purposes.



Factor VI **BASE ITEMS PRICING – ALTERNATES AND PROPOSAL ALTERNATES**

- b. For 11th Street:**
 - i. The existing electrical service drop removal would be free of charge from PG&E. We would manage that process to ensure PG&E removes it from your site in a timely manner. The pole and anchor do not appear to conflict with your new drive approach improvements.
- 3. General Requirements Section 01 4523 – 28 – 3.01 Quality Control Team and Qualifications:
 - a. Harris Construction has engaged design professionals for the designing, Construction Administration and Closeout of the projects. Harris has not included a dedicated team aside from the listed design professionals, if required, additional \$200,000.
- 4. Electrical Recommended Allowances:
 - a. Clovis:**
 - i. Security Rough-In additional add Recommended - \$25,511
 - ii. Based on the design criteria it does not appear an ERRC system would be required so this has not been included in the proposal.
 - b. Reedley**
 - i. Security Rough-In additional add Recommended - \$11,723
 - ii. Based on the design criteria it does not appear an ERRC system would be required so this has not been included in the proposal.

Clarifications:

1. General Conditions Document 00 7253, Harris Construction Co. Inc. assumes if awarded Fresno County will allow negotiations of the final agreement. Portions of the agreement are general in nature and do not follow the standard DBIA (Design-Build Institute of America) guidelines.
2. Refer to the Electrical Narrative for clarification of all low voltage systems included by the DBE.
3. Within the proposed schedule, due to no dates being provided for the County Plan Check or Back Check we have assumed 30 Calendar Days for initial Plan Check and an additional 15 days for Back Check if needed.
4. In review of Kleinfelder Limited Phase II ESA report we have included the mixing of the soil based on their findings and recommendations but have excluded any Contaminated Soil Removal or Off haul at Clovis above the allowable limits.



Factor VI **BASE ITEMS PRICE - ALTERNATES AND PROPOSAL ALTERNATES**

**County of Fresno - Clovis Regional and Reedley Libraries
Request for Proposal Pre-Selected Design-Build Entities**

Proposed Alternates (Deductive) and Enhancements (Additive)

Both Libraries- Alternate		
Change ID	Categories	Description
BLA-1	Narrative	Provide Exterior Openings with Low-e glass in lieu of Argon filled
	Benefit to County	Given the valley's hot summers, Low-E glass might offer more immediate benefits in terms of reducing cooling costs and blocking UV rays. Low-E Glass provides excellent control over heat transfer and solar heat gain, which is crucial for a hot climate like Fresno/ Reedley. It also offers good UV protection and reasonable insulation. Where Argon-Filled Windows primarily enhance insulation and condensation resistance, with minimal impact on other metrics.
	Spec / Bridging Doc Change	Exterior Elevations and Building Sections
	New Performance Criteria	Typical U-Factor for Low-E glass is 0.25-0.30 and Argon filled is 0.20-0.25 and Solar Heat Gain for both range 0.25-0.40. However Argon Filled does not provide UV protection like Low-E does.
	New Concept DWG.	N/A
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Clovis Savings <\$2,000> Reedley Savings <\$22,000>
BLA-2	Narrative	Quarry Tile to Ceramic Tile: a. Restrooms and Lactation; b. Tiling in the Janitors closet. Sealed Concrete?
	Benefit to County	Ceramic Tile is typically a more economical option which requires a much thinner setting bed. Depressed slabs at tile locations will not be required, creating a more economical slab layout.
	Spec / Bridging Doc Change	Finish Floor Plan/ Finish Schedule
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhanced Plan Floor Finishes Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Clovis savings <\$7,000> Reedley Savings <\$4,000>
BLA-3	Narrative	Provide concrete with Clear Floor Sealer in janitors and utility locations in lieu of polished concrete
	Benefit to County	The Additional steps required for polishing concrete can be omitted, providing a less costly finish.
	Spec / Bridging Doc Change	Finish Floor Plan/ Finish Schedule
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhanced Plan Floor Finishes Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Clovis Savings <\$1,025> Reedley Savings <\$4,365>



BLA-5	Narrative	Provide acoustical ceilings in the Teen area and Main Collections in lieu of hard framed gypsum board.
	Benefit to County	Hard gyp ceilings in combination with hard flooring will result in an acoustic environment that will not perform ideally for a library . Acoustic ceilings are lower cost than hard framed gypsum board
	Spec / Bridging Doc Change	Finish Schedule
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhanced Plan Reflected Ceiling Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Clovis Savings \$0.00 Reedley Savings <\$18,000>
BLA-6	Narrative	Similar Structural systems on both buildings. - Steel Frame construction with concentric braced frames. light gauge infill
	Benefit to County	Economies of scale - may attract more interest from subs. Lower cost of construction vs CMU (high labor cost, high cost for cast in place shear walls) more flexibility than pre-engineered buildings and county will not be reliant on vendor for main building structure.
	Spec / Bridging Doc Change	Building Sections
	New Performance Criteria	Steel Framed Building Utilizing Tube Steel Columns/ Wide Flange Beams and Braced Frames.
	New Concept DWG.	Preliminary Framing Plan
	Spec / Bridging Doc Comparison	N/A
BLE-1 BLA-7 *Previously BLE-1	Narrative	Using standing seam over the metal deck with poly iso for better insulation and acoustics.
	Benefit to County	Eliminating the C Channels support structure, Metal framing Joists and the Gypsum board attached to it will simplify the roof structure. Including Acoustical decking as the support structure of the Standing Seam metal panel roof and the finish on the interior will create time, cost and acoustical benefits.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	Increases acoustical performance of space.
	New Concept DWG.	Enhanced Reflected Ceiling Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	\$0.00
Both Libraries- Enhancement		
BLA-4 BLE-2 *Previously BLA-4	Narrative	LVT and/or Carpet in locations where polished concrete is indicated.
	Benefit to County	Lower upfront cost, Better acoustics in large open library spaces. Similar minimal required maintenance. Carpet tiles can be easily replaced if damaged
	Spec / Bridging Doc Change	Finish Floor Plan/ Finish Schedule
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhanced Plan Floor Finishes Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Clovis add \$67,000; Reedley add \$31,000



Clovis- Alternate

CA-1	Narrative	Replace concrete wall for metal framed wall with tile system. Tile over cement plaster with 6" studs with 1" poly iso and r-19 fiber glass insulation - Where wrapping columns, poly iso can be omitted for 5/8 gyp sheathing.
	Benefit to County	System significantly less expensive than cast in place columns/walls while still offering the design aesthetic desired by the county
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Enhanced Plan Floor Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Clovis savings \$15,000
CA-2	Narrative	Omit kicked out windows on west end of the building to simplify framing
	Benefit to County	Kicker windows do not all point north and most are under large overhang. Windows framed in plane of wall will provide better views into and out of library with limited risk of increase from solar heat gain
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Enhanced Plan Floor Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	\$0.00
CA-3	Narrative	Simplification of restroom area on west side of building
	Benefit to County	Creates a more economical framing layout.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Enhanced Plan Floor Plan and Reflected Ceiling Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	\$0.00

Clovis- Enhancement

CE-1	Narrative	Kids Section, Add elements to upgrade the experience in the reading area. Including a new entrance / wall bump out into the kids area, felt lighting over the seating areas, Carpet and a mural
	Benefit to County	Providing more inspiration and a sense of whimsy within the kid's area. Potentially increasing the engagement of kids within the space.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Floor Plan, Renderings
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Clovis Add \$75,000
CE-2	Narrative	Reception area/ kiosk greeting area.
	Benefit to County	Creates a more welcoming space for library visitors that would also serve as a central focal point throughout the building.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Floor Plan/ Rendering
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Clovis add \$30,000



CE-3	Narrative	Modifications to break room and open storage area
	Benefit to County	Connecting these two spaces fosters a more cohesive environment.. Additionally, the storage area was enclosed to keep clutter out of sight from office workers and the public.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Enhanced Plan Floor Plan and Reflected Ceiling Plan
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	\$0.00
CE-4	Narrative	Additional windows: a. At Kid's area on the north side of the building; b. At staff area
	Benefit to County	This will provide more natural light into the kids area and allow that light to also benefit the office staff in the adjacent office space. The office space currently does not have any natural light or windows to the exterior.
	Spec / Bridging Doc Change	Exterior Elevations
	New Performance Criteria	N/A
	New Concept DWG.	See Enhanced Option Floor Plan for locations
	Spec / Bridging Doc Comparison	N/A
CA-4 CE-5 * Previously CA-4	Narrative	Replacement of interior Glass Garage Door with Nanawalls
	Benefit to County	Nanawalls do not require additional head space for the overhead track, no motor or associated Electrical is necessary. Long-term maintenance cost is much lower since these elements are removed.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Enhanced Plan Floor Plan and Reflected Ceiling Plan
	Spec / Bridging Doc Comparison	N/A
Reedley- Alternate		
RA-1	Narrative	Revised floor plan for alternate flooring recommendations
	Benefit to County	Replacing polished concrete with LVT and modular carpet saves costs, reduces installation time, improves acoustics, and enhances aesthetics.
	Spec / Bridging Doc Change	Finish Schedule
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhanced Plan Floor Finishes Plan
	Spec / Bridging Doc Comparison	N/A
RA-2	Narrative	Replace CMU wall for a metal framed wall with thin brick veneer
	Benefit to County	Metal framed wall with thin brick finish extremely durable. CMU walls offer little flexibility as technology/program needs change. Metal framed walls are easier to modify in the future
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Enhanced Plan Floor Plan
	Spec / Bridging Doc Comparison	N/A
Cost Analysis	Reedley savings \$75,000	



RA-3	Narrative	Remove columns in front of community room exterior entrance	
	Benefit to County	reduced cost, opens community room entrance up to trail and creates second focal point	
	Spec / Bridging Doc Change	Floor Plan	
	New Performance Criteria	N/A	
	New Concept DWG.	Enhanced Plan Floor Plan	
	Spec / Bridging Doc Comparison	N/A	
RA-4	Cost Analysis	\$0.00	
	Narrative	Eliminate brick on West wall, Plaster.	
	Benefit to County	Plaster is a much more economical finish solution.	
	Spec / Bridging Doc Change	Exterior Elevation	
	New Performance Criteria	N/A	
	New Concept DWG.	Enhanced Exterior Elevation	
RA-5	Spec / Bridging Doc Comparison	N/A	
	Cost Analysis	Reedley Savings \$3,000	
	Narrative	Plaster instead of Metal Panel on the exterior.	
	Benefit to County	Plaster is a much more economical finish solution.	
	Spec / Bridging Doc Change	Exterior Elevation	
	New Performance Criteria	N/A	
RA-5	New Concept DWG.	Enhanced Exterior Elevation	
	Spec / Bridging Doc Comparison	N/A	
	Cost Analysis	Reedley Savings \$40,000	
	Reedley- Enhancement		
	RE-1	Narrative	Redesign of exterior using the same foot print.
		Benefit to County	Provides a more modern design option that utilizes simplified building finishes and structure.
Spec / Bridging Doc Change		Exterior Elevations	
New Performance Criteria		N/A	
New Concept DWG.		Refer to Enhances Option Exterior Elevations and Renderings.	
Spec / Bridging Doc Comparison		N/A	
RE-2	Cost Analysis	Refer to the enhanced Version for overall cost.	
	Narrative	Interior Modifications- Lowered soffit at Teen Reading Room	
	Benefit to County	This involves lowering the ceiling height of the teen space to 10 feet to accommodate an ACT ceiling, improving acoustics and creating a more defined area. Additionally, the lighting will be updated with linear fixtures for a modern design.	
	Spec / Bridging Doc Change	Floor Plan	
	New Performance Criteria	N/A	
	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.	
RE-3	Spec / Bridging Doc Comparison	N/A	
	Cost Analysis	Refer to BLA-5	
	Narrative	Interior Modifications- Soffit over Meeting Tables in Teen room with enhanced lighting	
	Benefit to County	lowering a soffit over the meeting tables in the teen room to create a distinct seating area, with linear lighting replacing surface troffers for a modern look. Additionally, built-in shelving will be added below the windows to increase storage by utilizing otherwise unused space.	
	Spec / Bridging Doc Change	Floor Plan	
	New Performance Criteria	N/A	
RE-3	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.	
	Spec / Bridging Doc Comparison	N/A	
	Cost Analysis	Reedley Add \$38,000	



RE-4	Narrative	Interior Modifications- Circulation Desk
	Benefit to County	This defines the main staff work area by using textured wood panels on the soffit and upgraded lighting to distinguish the desk within the larger interior space. It also includes wayfinding dimensional lettering to clearly identify the desk as the library's main circulation point.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.
	Spec / Bridging Doc Comparison	N/A
RE-5	Narrative	Interior Modifications- Built-in Shelving at Entry
	Benefit to County	This enhancement adds two framed popouts with built-in bench seating to the main reading room entry, enhancing title displays and encouraging casual browsing. It also includes dimensional lettering for a "new and trending" section, which can be customized, and creates a more dynamic entry into the quiet study/meeting room
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.
	Spec / Bridging Doc Comparison	N/A
RE-6	Narrative	Interior Modifications- Screen walls at computer area and main reading room
	Benefit to County	This enhancement adds felt screens to separate reading and activity areas while maintaining visual transparency throughout the space. The screens, placed around computer counters and near the main circulation desk, can be customized to suit the community's preferences.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.
	Spec / Bridging Doc Comparison	N/A
RE-7	Narrative	Interior Modifications- Textured wood Walls at entry lobby, self check out area, and children's room
	Benefit to County	This enhancement proposes using the same wall coverings as the circulation desk to add visual interest at key entry points, including the library, community meeting room, and children's reading room, creating a sense of movement through the main corridor. The design incorporates natural or biophilic materials to enhance the user experience, with the option for the county to select specific areas for implementation
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.
	Spec / Bridging Doc Comparison	N/A
RE-8	Narrative	Interior Modifications- Board formed concrete Tiles at interior columns
	Benefit to County	This enhancement suggests using board-formed concrete tiles on interior columns to connect the building's interior and exterior design. The wood grain texture of the tiles complements the natural wood elements used elsewhere in the space.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.
	Spec / Bridging Doc Comparison	N/A
	Cost Analysis	Reedley add \$60,000



RE-9	Narrative	Interior Modifications- Enhanced kids room signage and lighting
	Benefit to County	This enhancement offers a wayfinding super graphic in the children's room. This piece would consist of a wallcovering printed mural, that it is in view of the main circulation corridor, enticing kids and families to explore the children's reading room and improving the sense of whimsy and fun. Felt pendant lighting is proposed at the tables in kind with the Clovis proposal.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.
	Spec / Bridging Doc Comparison	N/A
RE-10	Cost Analysis	Reedley add \$10,000
	Narrative	Interior Modifications- Enhanced corridor lighting and ceiling alteration
	Benefit to County	This enhancement, contingent on selecting the Enhanced Exterior, proposes an open ceiling concept in the main circulation corridor to utilize the increased building height. Circular pendant lighting will distinguish the corridor from the adjacent larger reading rooms.
	Spec / Bridging Doc Change	Floor Plan
	New Performance Criteria	N/A
	New Concept DWG.	Refer to Enhances Option Floor Plan and Renderings.
Spec / Bridging Doc Comparison	N/A	
Cost Analysis	Reedley add \$157,800	



FACTOR VII

Quality of Proposal / Presentation and Questions

Factor VII **QUALITY OF PROPOSAL / PRESENTATION AND QUESTIONS**

Evaluation Factors / Best Value

Factor I: Proposed Technical Design and Construction Expertise (50 points)

Harris Construction and Darden Architects have worked together for 25 years and have completed (or are in progress on) over \$1 billion in public works projects. To complete the design team, we gathered the best team possible including Brooks Ransom Associates, Gateway Engineering, Inc., California Utility Consultants, Inc., Strategic Mechanical Inc., Wild Electric, Inc., Fire System Solutions, Inc. and EB Landscape Construction.

Factor 1 includes a resume for each key personnel, two organizational charts – Design and Construction – staffing fee breakdown, and a list of designated subcontractors. This list can also be found in Document 00 4330 within the Bid Express submission.

Please refer to Factor I for additional information.

Factor II: Proposed Design and Design Approach (30 points)

Please refer to Factor 2 for additional information.

Factor III: Base Items Price (50 points)

Please refer to Factor 3 for additional information.

Factor IV: Project Management Plan (20 Points)

Harris Construction will move through each step of the Pre-Construction Phase with the County of Fresno. The steps include:

1. Development of the Team's Project Approach
2. Constructability Review and Scope Development
3. Cost Control, Budget and Scope
4. Project Scheduling
5. Project Bid Phase
6. Project Kick-off Meeting & Trade Pre-Installation

Once we are approved for construction, we will move through each of these steps:

1. Project Kick-Off
2. Trade Specific Pre-Installation/Coordination Meetings
3. Scheduling
4. Project Safety and Implementation
5. Construction Process/Quality Control Plan
6. Project Commissioning and Closeout

Please refer to Factor IV for additional information.



Factor VII **QUALITY OF PROPOSAL / PRESENTATION AND QUESTIONS**

Factor V: Preliminary Design-Build Schedule (20 Points)

Following the schedule provided in the RFP and Addendum 5 our team has put together a design and construction schedule that will meet the needs of the County.

Please refer to Factor V for additional information.

Factor VI: Base Items Pricing – Alternates and Proposed Alternates (20 Points)

Darden Architects, and the entire design team, reviewed the County provided base documents and delivered ideas on alterations for both sites. Some individual alterations were suggested because they are a similar product but cheaper, and in other cases the product is more expensive but provides another benefit to the County. This section spells out each alteration, concept behind the change, and the price difference. These concepts, along with many others, will be flushed out further during the design period.

Please refer to Factor VI for additional information.

Factor VII: Quality of Proposal / Presentation and Questions (20 Points)

Please refer to Tab VII

Factor VIII: Proposed Approach to Skilled and Trained Workforce (20 points)

1. Harris Construction has obtained **100% compliance** with the “Skilled and Trained Workforce” requirements on all Lease-Leaseback projects since the addition of AB566.
2. Harris Construction has developed a comprehensive AB566 compliance process and part of on-going management of our LLB projects. These forms and this compliance have been incorporated into our subcontractor agreements and monthly owner reporting.
3. Harris Construction is Signatory to the following trade unions:
 - i. Carpenters 46 Northern California
 - ii. Plasterers and Cement Masons of Northern California
 - iii. Northern California District Council of Laborers

Please refer to Factor VIII for additional information.

Factor IX: Life-Cycle Cost over 20 Years (5 points)

Please refer to Factor IX for additional information.



FACTOR VIII

Proposed Approach to Skilled and Trained Workforce

Factor VIII **SKILLED AND TRAINED WORKFORCE PLAN**



Our Plan to ensure that an Appropriate Percentage of Workforce Employed on this Project is a Graduate of an Apprenticeship Program

At Harris, the process of ensuring Skilled and Trained Workforce compliance begins at the bidding stage and is monitored and maintained through the entire project:

Prior to Bid:

- Subcontractor Outreach Meetings, AB 566
- Subcontractor Informational Cards
- Past Compliance Experience

During the Bidding Period:

- Bid form
 - Company certification of compliance
- Subcontracting Stage
 - Exhibits to the subcontract are issued and certified

During Construction:

- Routine tracking on Subcontractor Daily Reports
- Monthly certification submitted with billing.
 - Certified Payroll Reporting to the DIR
 - Within the monthly reporting the employer is required to designate any graduates of a DIR Approved Apprenticeship Program.

Our Skilled and Trained Workforce compliance program was among the first to be implemented in the State and has been reviewed and confirmed as “effective” by the Construction Employers’ Association



Factor VIII **SKILLED AND TRAINED WORKFORCE PLAN**

(CEA) and has been used by Harris effectively on all Lease-Leaseback and Design-Build projects since the Skilled and Trained Workforce legislation was passed into law. Harris collects and maintains the Skilled and Trained Workforce documents for the entire project. However, copies can be made available to the County upon request.

Upon request, we will provide a copy of the compliance report that is included in each subcontract we execute. This report is provided on a monthly basis and is cross-checked with the uploaded certified payroll prior to payment to confirm compliance by all apprenticeable trades performing work onsite. We have found this reporting and compliance to be very manageable when performed on a monthly basis.

Please contact or refer to these trade union organizations for specific information regarding their State-approved apprenticeship programs.

Experience Working With and Recruiting a Skilled and Trained Workforce

For our past and current projects, we have **obtained 100% compliance** with the “Skilled and Trained Workforce” requirements, with as much as **50% of onsite journeymen holding DIR Approved Apprenticeship Certifications**. Harris Construction is **in compliance with**, and supports, the requirements of **AB 566 Skilled and Trained Workforce**. Having experience implementing AB 566 since its commencement in January 2016 and amended SB 693 and SB 418, we have continued to refine our enforcement and tracking mechanisms, enabling us to accurately reference and cross-check compliance with all trades onsite.

Harris Construction is signatory to the following collective bargaining agreements:

- (1) Carpenters 46 Northern California
265 Hegenberger Rd., Suite 100, Oakland, CA 94621
Phone: (510) 633-0333
- (2) Plasterers and Cement Masons of Northern California
1600 Harbor Bay Pkwy. #200, Alameda, CA 94502
Phone: (707) 864-3300
- (3) Northern California District Council of Laborers
4780 Chabot Dr., Ste. 200, Pleasanton, CA 94588
Phone: (925) 469-6800



FACTOR IX

Life-Cycle Cost over 20 Years

Factor IX LIFE-CYCLE COST OVER 20 YEARS

Life-Cycle Cost Analysis

The life-cycle cost analysis (LCC) for this proposal provides an evaluation of the economic impact of the HVAC, lighting, and PV systems for the building. This analysis takes into account the initial cost of the system, maintenance, energy, and equipment replacement costs that may occur over a period of twenty (20) years. Inflation has been accounted for at an estimated annual rate of 2.55% based on data from the Bureau of Labor Statistics. The annual maintenance cost is calculated using the building maintenance costs as determined from the ASHRAE Owning and Operating Cost Database. The energy cost is determined by calculating the estimated HVAC load using software such as EnergyPro or Trane Trace. This load is used to determine the annual energy usage and the present cost of energy based on the local utility rates to calculate the total cost of energy. The equipment replacement costs are calculated using ASHRAE equipment life expectancy data of fifteen years. These values are combined to determine the total cost of owning and operating the proposed system for twenty years.

Clovis Regional Library Life-Cycle Cost

Building System Description	Initial Cost, I (\$)	Life Expectancy, L (years)	# of Times to be Replaced in 20 Years	Total Replacement Cost, R (\$)	Annual Energy Cost (\$)	Energy Cost for 20 Years, E (\$)	Maintenance Cost for 20 Years, M (\$)	Total Cost, I+R+E+M+E+M (\$)
HVAC	\$129,000.00	15	1.3	\$188,202.19	\$53,338.00	\$827,580.97	\$288,531.98	\$1,433,315.15
Lighting	\$217,807.29	15	1.3	\$317,765.97	\$13,713.00	\$212,767.97	\$243,628.09	\$991,969.32
PV System	\$36,312.00	20	1	\$35,807.22	\$1,452.00	\$22,528.92	0	\$94,648.14
Battery Storage	\$3,600.00	12	1.7	\$4,058.35	0	0	0	\$7,658.35
							Total (\$)	\$2,527,590.95

Reedley Library Life-Cycle Cost

Building System Description	Initial Cost, I (\$)	Life Expectancy, L (years)	# of Times to be Replaced in 20 Years	Total Replacement Cost, R (\$)	Annual Energy Cost (\$)	Energy Cost for 20 Years, E (\$)	Maintenance Cost for 20 Years, M (\$)	Total Cost, I+R+E+M (\$)
HVAC	\$74,000.000	15	1.3	\$107,960.95	\$24,870.000	\$385,877.59	\$149,041.78	\$716,880.32
Lighting	\$151,145.90	15	1.3	\$220,511.55	\$9,780.00	\$151,744.38	\$169,366.65	\$692,738.48
PV System	\$19,750.00	20	1	\$18,863.32	\$63.20	\$980.60	0	\$39,593.92
							Total (\$)	\$1,449,212.72



APPENDIX 1

Guaranty

**DOCUMENT 00 6536
GUARANTY**

To the Owner: County of Fresno

The undersigned guarantees the construction and installation of the following work included in this project:

ALL WORK

Should any of the materials or equipment prove defective or should the work as a whole prove defective, due to faulty workmanship, material furnished or methods of installation, or should the work or any part thereof fail to operate properly as originally intended and in accordance with the plans and specifications, due to any of the above causes, all within twelve (12) months after the date on which this contract is accepted by the Owner, the undersigned agrees to reimburse the Owner, upon demand, for its expenses incurred in restoring said work to the condition contemplated in said project, including the cost of any such equipment or materials replaced and the cost of removing and replacing any other work necessary to make such replacement or repairs, or, upon demand by the Owner, to replace any such material and to repair said work completely without cost to the Owner so that said work will function successfully as originally contemplated.

The Owner shall have the unqualified option to make any needed replacement or repairs itself or to have such replacements or repairs done by the undersigned. In the event the Owner elects to have said work performed by the undersigned, the undersigned agrees that the repairs shall be made and such materials as are necessary shall be furnished and installed within a reasonable time after the receipt of demand from the Owner. If the undersigned shall fail or refuse to comply with their obligations under this guaranty, the Owner shall be entitled to all costs and expenses reasonably incurred by reason of said failure or refusal.

Name (Printed): Michael R. Spencer

Signature: 

Title: President

Date: August 30, 2024

Contractor: Harris Construction Co., Inc.

END OF DOCUMENT

APPENDIX 2

Surety Bond

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Harris Construction Co., Inc.
5286 E. Home Avenue
Fresno, CA 93727

SURETY:

(Name, legal status and principal place of business)

Fidelity and Deposit Company of Maryland
1299 Zurich Way, 5th Floor
Schaumburg, IL 60196-1056

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address)

County of Fresno
2220 Tulare Street, 6th Floor
Fresno, CA 93721

BOND AMOUNT: \$ Ten Percent of Bid Amount (10%)

PROJECT:

(Name, location or address, and Project number, if any)

Clovis Regional and Reedley Libraries Design-Build
RFQ#: PWP24-015

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 9th day of August, 2024

(Witness)

(Witness)

Harris Construction Co., Inc.

(Principal)

(Seal)

 Michael R. Spencer, PRESIDENT

(Title)

Fidelity and Deposit Company of Maryland

(Surety)

(Seal)

 Kim Wilson, Attorney-in-Fact

(Title)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

Civil Code § 1189

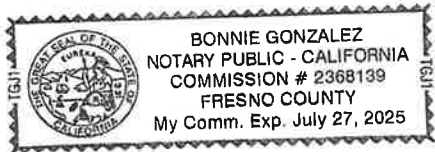
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
) ss
County of Fresno)

On August 9, 2024, before me, Bonnie Gonzalez, Notary Public, personally appeared Kim Wilson, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



(Seal)

Signature: Bonnie Gonzalez
Bonnie Gonzalez, Notary Public

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by Robert D. Murray, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Steven P. EDWARDS, Trey BUSCH, Kim WILSON, Lyn GENITO, Bonnie GONZALEZ of Fresno, California, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 31st day of October, A.D. 2023.



**ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

By: *Robert D. Murray*
Vice President

By: *Dawn E. Brown*
Secretary

**State of Maryland
County of Baltimore**

On this 31st day of October, A.D. 2023, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Genevieve M. Maison

GENEVIEVE M. MAISON
NOTARY PUBLIC
BALTIMORE COUNTY, MD
My Commission Expires JANUARY 27, 2025



Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 9th day of August, 2024.



Thomas O. McClellan
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
reportsfclaims@zurichna.com
800-626-4577

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

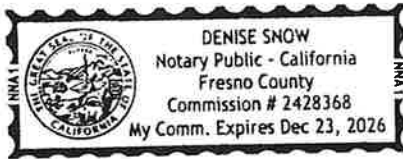
State of California }
County of Fresno }

On August 30, 2024 before me, Denise Snow, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Michael R. Spencer
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Place Notary Seal and/or Stamp Above

Signature Denise Snow
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____ Signer's Name: _____

Corporate Officer – Title(s): _____ Corporate Officer – Title(s): _____

Partner – Limited General Partner – Limited General

Individual Attorney in Fact Individual Attorney in Fact

Trustee Guardian or Conservator Trustee Guardian or Conservator

Other: _____ Other: _____

Signer is Representing: _____ Signer is Representing: _____