

REQUEST FOR PROPOSAL

FOR

PROFESSIONAL SERVICES - COMMERCIAL RENOVATIONS
TO TWO LIBRARY LOCATIONS
(March 1, 2021 completion date)



1. INTRODUCTION

Emery County is soliciting competitive sealed proposals from qualified general contractors who have five years or more experience in construction projects and who carry liability insurance, workers compensation insurance and are state licensed professional contractors as outlined in the SCOPE OF WORK SECTION of this request. The successful contractor will report directly to the Emery County Library System after approval from Emery County.

2. OBJECTIVE

Emery County intends to renovate/remodel portions of the building and grounds of Green River Library located at 85 South Long Street in Green River, Utah and portions of the building and grounds at Orangeville Library located at 115 South Main Street in Orangeville, Utah to create iHubs (coworking and innovative centers), an Americans with Disabilities Act (ADA) compliant restroom, ADA compliant access to the iHub, and renovations to the buildings for general improvements.

3. SCOPE OF WORK

Emery County is requesting proposals from licensed general contractors for the construction of walls, doors, painting, floor covering, electrical, plumbing, concrete paths, and all other necessary construction activities utilizing the engineer drawings to achieve full compliance with safety inspections of the completed work. Other tasks related to the project may include development of specifications, materials purchasing, maintaining of records and inventories, cost estimating, bidding, bid evaluation, oversight of all segments of the project, inspections and adherence to any regulations required by local building inspectors. Scheduled work may be required to be completed in the evening and/or weekends. Emery County desires the successful contractor provide a full range of professional oversight services to assist in the successful completion of a variety of tasks necessary for the creation of iHubs at Green River Library and Orangeville Library. The full Scope of Work and Design Specifications are attached in the Construction Drawing Package. (The full Request for Proposal and Construction Drawing Package can also be viewed at www.emerycounty.com.) There are also additional project components at each location listed below that are not included in the Construction Drawing Package. It is recommended that a site visit at each location be arranged before responding to this RFP. Please contact Cindy Bowerman (435-564-3349) to arrange a site visit for Green River Library and Melanie Hoffman (435-748-2726) to arrange a site visit for Orangeville Library.

A. GREEN RIVER LIBRARY

1. Flooring

- commercial grade LVC/EVC flooring in:
 - iHub (11'6" x 12'8")
 - Circulation (18'6" x 14'8")
 - Vestibule (6'6" x 5'4")
- commercial grade tile in:
 - Family Restroom (6' x 11'6")
- commercial grade carpet squares in:
 - Stacks and Reading (23' x 38'8")
 - Story Telling (27'2" x 23')

2. iHub

- see the Construction Drawing Package for information regarding work

3. ADA Compliant Family Restroom

- see the Construction Drawing Package for information regarding work
- remove stall, toilet, vanity, paper towel dispenser/trash, soap dispenser, toilet paper dispenser, and electric floor heaters
- remove laminate flooring and install tile on floors and 4'6" up on all walls
- purchase and install ADA compliant toilet, sink, and vanity mirror
- remove urinal from Former Men's Restroom and install in Family Restroom
- reinstall toilet paper dispenser, paper towel dispenser/trash, and soap dispenser
- repair and paint west wall
- install HVAC vent for proper ventilation (if needed_
- install GFI outlet (low on south wall near sink)
- replace slab door from Story Telling area into Family Restroom and install deadbolt lock at handle height
- purchase and install grab bars for ADA compliance

4. Office (Former Men's Restroom)

- repair wall from removal of urinal
- install grounded outlet (low on north wall near where urinal was located)

5. Circulation

- remove existing circulation desk and build and install circulation desk per Construction Drawing Package
- repair west wall near entrance and paint

6. Stacks and Reading

- install 8 grounded USB outlets on near the west on the south (1), west (5), and north (2) walls of library

7. Story Telling Area

- repair east wall and paint

8. Exterior

- see the Construction Drawing Package for information regarding work
- install ADA compliant concrete sidewalk from existing parking lot to iHub exterior entrance as per per Construction Drawing Package
- install ADA compliant concrete sidewalk form existing parking lot to front exterior entrance of library as per per Construction Drawing Package
- install 2' x 2' by 3' French drain with a concrete box immediately north of entry driveway in parking lot with 12" gravel in bottom with grating on top
- replace existing exterior lighting on building
- repair damaged brick facade
- remove exterior wood library sign

- weld onto existing 4' fence to create 6' tall ridge slat fence
- install a 6' tall ridge slat fence along the north property line and connect to the northeast corner of the library (survey stakes in the ground to indicate property line. See Emery County Recorder for a copy of the survey.)
- cut down to ground level the tree growing in fence surrounding the air conditioner on south side of building; treat stump with Tordon RTU; install ridge slats in fence
- install a 2 zone drip irrigation system for new landscaping
- xeriscape landscaping
 - plant 3 Common Hackberry Trees (at least 2" in diameter): in rear of library near northeastern property lines
 - plant five column oaks between the eastern property line and the parking lot
 - plant water wise shrubs along northern property line from end of fence to western property line
 - landscape around the building and on southwest strip in front of parking lot with water wise grasses with some water wise shrubs and fill with mulch
 - place weed barrier, fill and gravel rear of the library (northeast portion of lot: approximately 60 yd³)

B. ORANGEVILLE LIBRARY

1. Flooring

- commercial grade LVC/EVC flooring in:
 - iHub (11'6" x 12'8")
 - Circulation (18'6" x 14'8")
 - Vestibule (6'6" x 5'4")
- commercial grade tile in:
 - Family Restroom (6' x 11'6")
- commercial grade carpet squares in:
 - Stacks and Reading (23' x 38'8")
 - Story Telling (27'2" x 23')

2. iHub

- see the Construction Drawing Package for information regarding work

3. ADA Compliant Family Restroom

- see the Construction Drawing Package for information regarding work
- remove stall, toilet, vanity, paper towel dispenser/trash, soap dispenser, toilet paper dispenser, and electric floor heaters
- remove laminate flooring and install tile on floors and 4'6" up on all walls
- purchase and install ADA compliant toilet, sink, and vanity mirror
- remove urinal from Former Men's Restroom and install in Family Restroom
- reinstall toilet paper dispenser, paper towel dispenser/trash, and soap dispenser
- repair and paint west wall
- install HVAC vent for proper ventilation (if needed)
- install GFI outlet (low on south wall near sink)
- replace slab door from Story Telling area into Family Restroom and install deadbolt lock at handle height

- purchase and install grab bars for ADA compliance
- 4. Office (Former Men's Restroom)**
 - repair wall from removal of urinal
 - install grounded outlet (low on north wall near where urinal was located)
- 5. Circulation**
 - remove existing circulation desk and build and install circulation desk per Construction Drawing Package
 - repair west wall near entrance and paint
- 6. Stacks and Reading**
 - install 8 grounded USB outlets on near the west on the south (1), west (5), and north (2) walls of library
- 7. Story Telling Area**
 - repair east wall and paint
- 8. Exterior**
 - see the Construction Drawing Package for information regarding work
 - cut down to ground level the tree growing near rear door to accommodate sidewalk installation and treat stump with Tordon RTU
 - install ADA compliant concrete sidewalk from existing city sidewalk to iHub exterior entrance as per per Construction Drawing Package
 - replace exterior lighting on building
 - repair damaged brick facade
 - remove exterior wood library sign
 - install 1' x 1' mow strip with 3 rebars

4. PROPOSAL QUALIFICATION REQUIREMENTS

All proposals submitted for evaluation must include, but are not limited to the following information.

- A. Contractor Background – Provide information on the agency, its history, credentials, principal place of business, and contact information.
- B. Relevant Prior Experience – Provide a record of relevant prior experience in renovation and/or construction of commercial properties including a list of references (including names, addresses, and phone numbers of individuals and/or organizations familiar with the contractor's performance)
- C. Final Design Plan and Cost – Using included information, provide a plan for completion of projects and identify the estimated cost to complete each project. Provide an itemized list of work with specification on inclusion/exclusions.
 1. Emery County will provide helpful information to contractors.
 2. Contractors will create final design and specifications based on projects' descriptions.
 3. Contractor will provide a draft timeline for completion of projects (broken down as needed).

- D. Signature Page – The proposal must be signed by a principal of the business who is authorized to execute the contract to be considered valid.
- E. Proprietary Information – The agency shall mark any specific information contained in the proposal that is not to be disclosed to the public or used for purposes other than the evaluation of the proposal.

5. EVALUATION OF PROPOSALS

Proposals will be evaluated and ranked by Emery County with input from relevant departments including Emery County Library System, Emery County Economic Development, Emery County Information Systems, and Emery County Maintenance. Contractors may be invited to give an oral presentation. Evaluation criteria with assigned weights are listed below.

- | | |
|---|-----------|
| 1. Completeness of Proposal | 20 points |
| 2. Experience | 20 points |
| 3. Cost/Pricing | 35 points |
| 4. Use of Emery County residents/businesses | 25 points |

6. INQUIRIES

All inquiries relating to the projects should be directed to Jeff Guymon.

JeffG@emery.utah.gov

(435)381-3591

7. INSTRUCTIONS FOR PROPOSAL SUBMISSION

Submit two (2) written copies of your proposal and one electronic file of your proposal to the Emery County Clerk/Auditor by September 21, 2020 before 5:00 pm MST.

Emery County Clerk/Auditor

Brenda Tuttle

75 E. Main St.

PO Box 907

Castle Dale, UT 84513

BrendaT@emery.utah.gov

(435)381-3551

8. ACCEPTANCE OF PROPOSAL

Emery County will evaluate all proposals to determine acceptance or rejection of the proposal. Pursuant to this RFP, a contract will be executed and signed by Emery County.

9. PROCUREMENT RULES AND PROCEDURES

Emery County will award a contract in reliance upon the information contained in proposals submitted in response to the RFP. Emery County will be legally bound only when and if there is a definitive signed agreement with the awarded contractor.

It is important that any person who signs a proposal or contract on behalf of a contractor's organization certifies that he or she has the authority to so act. The successful contractor who has his/her proposal accepted may be required to answer further questions and provide further clarification of his/her proposal and responses.

Receiving this RFP or responding to it does not entitle any entity to participate in services or transactions resulting from or arising in connection with this RFP. Emery County shall have no liability to any person or entity under or in connection with this RFP, unless and until Emery County and such person shall have executed and delivered a definitive written agreement.

No oral modifications or amendments to this RFP or any resulting contract shall be effective, but such may be modified or amended by a written agreement signed by the parties. If it becomes necessary to revise any part of this RFP, an addendum will be provided to all who received an RFP.

10. PROCUREMENT TIMETABLE

Below is the Procurement Timetable that has been established for this RFP.

Required Activity	Scheduled Date
RFP Issue Date	September 1, 2020
Closing Date for Receipt of Proposals	September 21, 2020
Selection of Agency	September 22, 2020*
Preferred Completion Date - on or before March 1, 2021	

*Desired date for Emery County to select agency.

SIGNATURE PAGE

I hereby certify that the information submitted by me/my company in response to this RFP, including the pricing and other information in this Proposal Response Form, is true and accurate.

I understand that Emery County has the right to reject any or all proposals, to waive minor irregularities when to do so would be in the best interests of Emery County.

Name of Agency _____

Address _____

Email Address _____

Phone Number _____

Print Name _____

Signature: _____ Date: _____

GENERAL OVERVIEW	
1.	CONTRACTOR SHALL PROVIDE ALL PROJECT SERVICES TO SAFELY COMPLETE THE SCOPE OF WORK AS DEFINED IN THIS CONSTRUCTION DRAWING PACKAGE. ANY ITEM OF WORK OMITTED OR NOT REFERENCED IN THESE DRAWINGS, BUT IS NECESSARY TO COMPLETE THE JOB SHALL BE PROVIDED AS THOUGH SPECIFIED IN THESE DRAWINGS.
2.	CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, EQUIPMENT, MATERIALS, TOOLS, ACCESSORIES, SERVICES, MATERIAL STAGING, AND ALL OTHER ITEMS NECESSARY TO COMPLETE THE WORK AS SHOWN ON THE DRAWINGS.
3.	CONTRACTOR MUST PROVIDE SERVICES FOR THE MODIFICATIONS OF BOTH THE ORANGEVILLE AND GREEN RIVER LIBRARIES. THIS INCLUDES THE FOLLOWING MAJOR ITEMS AND ANY MISCELLANEOUS ITEMS TO COMPLETE THE WORK. BRICK REMOVAL ~60 S.F. CONCRETE REMOVAL ~50 S.F. CONCRETE ~20 C.Y. 6 TABLES 4 CHAIRS 4 ALUMINUM FRAMED GLASS 7'X3" DOORS 6 ALUMINUM FRAMED WINDOWS 2 STEEL FRAMED SOLID CORE DOORS 2 CIRCULATION DESKS 2 BABY CHANGING STATIONS ELECTRICAL LIGHTING AND OUTLET MODIFICATIONS
4.	CONTRACTOR TO PROVIDE CRACK RELIEF JOINTS IN SIDEWALKS AT 5' SEGMENTS
5.	CONTRACTOR SHALL PROVIDE WITH BID A PROPOSED PROJECT SCHEDULE AND A DETAILED SCHEDULE SHALL BE SUBMITTED WITHIN FIVE(5) WORKING DAYS AFTER THE AWARD OF CONTRACT. THIS SCHEDULE MUST INCLUDE THE ACTIVITIES OF ALL CONTRACTORS, SUBCONTRACTORS AND OTHERS INVOLVED IN THE PROJECT. THE SCHEDULE MUST BE APPROVED BY THE COUNTY.
6.	IF AT ANY TIME DURING THIS CONTRACT, OWNER DETERMINES THAT THE CONTRACT COMPLETION SCHEDULE AND SCOPE OF WORK REQUIREMENTS WILL NOT BE MET, THROUGH NO FAULT OF THE COUNTY, COUNTY RETAINS THE RIGHT TO DIRECT CONTRACTOR TO ACCELERATE THE CONSTRUCTION SCHEDULE. IT SHALL BE THE RESPONSIBILITY OF CONTRACTOR TO INITIATE AND COMPLY AT CONTRACTOR'S EXPENSE WITH SUCH CORRECTIVE ACTION AS REQUIRED OR DIRECTED.
7.	CONTRACTOR MUST KEEP WORK AREAS CLEAN AND SAFE FOR ALL VISITORS AND LIBRARY PATRONS
8.	CONTRACTOR MUST MARK UP (REDLINE) DRAWINGS TO REFLECT THE "AS BUILT: CONDITIONS OF ALL INSTALLED ITEMS AND SUBMIT TO OWNER UPON COMPLETION OF THE INSTALLATION OF WORK.
9.	CONTRACTOR TO VERIFY ALL DIMENSIONS, SPANS, AND CONDITIONS WITH DRAWINGS. IF ANY OMISSIONS, MISTAKES, OR DISCREPANCIES ARE FOUND TO EXIST WITHIN THE CONSTRUCTION DRAWINGS, THE ENGINEER SHALL BE PROMPTLY NOTIFIED SO THAT HE MAY HAVE THE OPPORTUNITY TO TAKE WHATEVER STEPS NECESSARY TO RESOLVE THEM. FAILURE TO PROMPTLY NOTIFY THE ENGINEER OF SUCH CONDITIONS SHALL ABSOLVE THE ENGINEER FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES OF SUCH A FAILURE.
10.	IF DISCREPANCIES ARE FOUND, THE MORE STRINGENT SPECIFICATION SHALL BE FOLLOWED. CONTRACTOR RESPONSIBLE FOR ADEQUATE BRACING OF STRUCTURAL MEMBERS, WALLS, AND NON-STRUCTURAL ITEMS DURING CONSTRUCTION.
11.	THE ENGINEER AND HIS CONSULTANTS DO NOT WARRANT OR GUARANTEE THE ACCURACY AND COMPLETENESS OF THE WORK HEREIN BEYOND A REASONABLE DILIGENCE. IF ANY OMISSIONS, MISTAKES, OR DISCREPANCIES ARE FOUND TO EXIST WITHIN THE WORK PRODUCT, THE ENGINEER SHALL BE PROMPTLY NOTIFIED SO THAT HE MAY HAVE THE OPPORTUNITY TO TAKE WHATEVER STEPS NECESSARY TO RESOLVE THEM. FAILURE TO PROMPTLY NOTIFY THE ENGINEER OF SUCH CONDITIONS SHALL ABSOLVE THE ENGINEER FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES OF SUCH A FAILURE.
12.	MANY PORTIONS OF THESE DRAWINGS, NOTES AND SPECIFICATIONS ARE THE RESULT OF DEMANDS BY VARIOUS APPROVING AGENCIES THAT MUST BE PERFORMED AS PART OF THIS WORK. ANY ACTIONS TAKEN WITHOUT THE KNOWLEDGE AND CONSENT OF THE ENGINEER SHALL BECOME THE RESPONSIBILITY NOT OF THE ENGINEER, BUT OF THE PARTIES RESPONSIBLE FOR MAKING THE CHANGE AND TAKING ACTION TO DO SO. ACTIONS TAKEN WITHOUT THE KNOWLEDGE AND CONSENT OF THE ENGINEER OR THE CONTRADICTION TO THE ENGINEER'S WORK PRODUCT, THE INTENT, AND/OR RECOMMENDATIONS, SHALL BECOME THE RESPONSIBILITY NOT OF THE ENGINEER, BUT OF THE PARTIES RESPONSIBLE FOR TAKING SUCH ACTION. THE ENGINEER SHOULD BE CONTACTED IN MATTERS OF ANY AND ALL CHANGES TO THE DRAWINGS AND SPECIFICATIONS HEREIN WITHOUT EXCEPTION.
13.	NON STRUCTURAL FRAMING REQUIREMENTS ARE NOT SPECIFIED ON STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR ANY ADDITIONAL FRAMING REQUIRED.
14.	CONTRACTOR SHALL ASSURE THAT ALL PRODUCTS AND HARDWARE ARE USED PER MANUFACTURER'S RECOMMENDATIONS.
15.	CONTRACTOR SHALL PROVIDE NAME OF AN APPROVED FABRICATOR FOR ALL FABRICATED STRUCTURAL COMPONENTS TO BUILDING OFFICIAL FOR APPROVAL PRIOR TO CONSTRUCTION.
16.	CONTRACTOR SHALL PROVIDE NAME OF AN APPROVED SPECIAL INSPECTION AGENCY AND QUALIFICATION OF INDIVIDUAL TO BUILDING OFFICIAL FOR APPROVAL PRIOR TO CONSTRUCTION.
17.	ALL LANDSCAPING AROUND THE BUILDING MUST BE GRADED AWAY FROM THE BUILDING AT A MINIMUM GRADE OF 5% FOR THE FIRST 10 FEET OR AS FAR AS POSSIBLE TO MINIMIZE WATER INFILTRATION INTO THE SUBGRADE.
EXCAVATION NOTES	
1.	ALL EXCAVATION TO BE PERFORMED WITH EXACTNESS. ANY OVER EXCAVATION MUST BE RECOMPACTED TO 95% USING PROCTOR MEETING ASTM D698 STANDARDS.
2.	WHEN PLACING BACKFILL AROUND FOUNDATION ALLOW 7 DAY MIN. CONCRETE CURE.
3.	DETERMINATION OF SOIL BEARING CAPACITY IS ASSUMED.
4.	IF CONCERNS ARISE DURING EXCAVATION, WORK MUST STOP IMMEDIATELY AND ENGINEER OF RECORD MUST BE CONTACTED.
ALUMINUM FRAMED GLASS DOORS	
1.	10" BOTTOM RAIL STANDARD (MEETS NATIONAL CODES)
2.	4 1" FLUSH MOUNT FRAME
3.	1/2" EXTRUDED ALUMINUM
4.	BRONZE COLOR
5.	1" INSULATED CLEAR TEMPERED GLASS
6.	ASTM APPROVED
7.	ADA APPROVED PUSH BAR
8.	CLEAR OPENING WIDTH OF 36"
9.	KEYED LOCK
10.	COMMERCIAL DOOR CLOSER
11.	KICK DOWN DOOR HOLDER
12.	DOOR STOPS
13.	DOOR KICK PLATES
ALUMINUM FRAMED GLASS WINDOWS	
1.	KANNEER SERIES 8225TFL THERMAL WINDOWS OR APPROVED EQUAL
2.	FIXED WINDOW
3.	2-1/4" FRAME DEPTH
4.	AW-PG100-FW
5.	BRONZE COLOR
STEEL FRAMED SOLID CORE WOOD DOOR	
1.	USA FIRE DOOR, LLC OR APPROVED EQUAL
2.	16 GA. A40 GALVANIZED STEEL KNOCKED-DOWN MASONRY DOOR FRAME
3.	ROTARY NATURAL BIRCH INTERIOR ARCHITECTURAL FLUSH DOOR, WDMA GRADE "A" FACE, STREKO MINERAL CORE. SIZE:35-13/16" X 83-1/4" X 1-3/4" 90 MIN. FIRE RATED
4.	CONTRACTOR TO SUPPLY AND INSTALL ALL NEEDED HARDWARE, ANCHOR BOLTS, GROUT, CAULKING
5.	DOOR FRAME TO BE OIL BASE PAINTED TO MATCH EXISTING DOOR FRAMES IN BUILDING

REINFORCED CONCRETE NOTES							
<div>1. MINIMUM CONCRETE MIX REQUIREMENTS: CONCRETE COMPRESSIVE STRENGTH, f_c: 4000 PSI. MAXIMUM WATER TO CEMENT RATIO: 0.45 CEMENTITIOUS MATERIAL: TYPE V + POZZOLAN OR SLAG</div> <div>2. STRUCTURAL CONCRETE SHALL REACH A MINIMUM 3-DAY COMPRESSIVE STRENGTH OF 1500 PSI AND SHALL REACH THE SPECIFIED COMPRESSIVE STRENGTH IN 28 DAYS. CONCRETE COMPRESSIVE TESTS SHALL CONFORM TO ASTM C 140 "TEST METHOD SAMPLING AND TESTING CONCRETE MASONRY UNITS AND RELATED UNITS". CEMENTITIOUS MATERIAL SHALL CONFORM TO ASTM C 150 "SPECIFICATION FOR PORTLAND CEMENT".</div> <div>3. CONCRETE SHALL BE PROPORTIONED AND PRODUCED TO HAVE A SLUMP OF 5 INCHES OR LESS. A TOLERANCE OF 1 INCH ABOVE THIS AMOUNT SHALL BE PERMITTED FOR INDIVIDUAL BATCHES PROVIDED THE AVERAGE FOR ALL BATCHES DOES NOT EXCEED 4 INCHES. THE SLUMP SHALL BE DETERMINED BY "STANDARD TESTING METHOD FOR SLUMP OF PORTLAND CEMENT CONCRETE" (ASTM C 143).</div> <div>4. WATER USED IN MIXING CONCRETE SHALL BE CLEAN FROM INJURIOUS AMOUNTS OF OILS, ACIDS, ALKALIS, SALTS, ORGANIC MATERIALS, OR OTHER SUBSTANCES DELETERIOUS TO CONCRETE OR REINFORCEMENT. NONPOTABLE WATER SHALL NOT BE USED.</div> <div>5. CONCRETE AGGREGATES SHALL CONFORM TO ASTM C 33 "STANDARD SPECIFICATIONS FOR CONCRETE AGGREGATES" OR ASTM C 330 "STANDARD SPECIFICATION FOR LIGHTWEIGHT AGGREGATES". THE NORMAL MAXIMUM SIZE OF COARSE AGGREGATES SHALL NOT BE LARGER THAN: 1/5 THE DISTANCE BETWEEN THE SIDES OF FORMS, 1/3 THE SLAB DEPTH, OR 3/4 THE MINIMUM CLEAR SPACING BETWEEN INDIVIDUAL REINFORCING BARS OR WIRES, BUNDLES OF BARS, INDIVIDUAL TENDONS, OR DUCTS.</div> <div>6. DEFORMED CONCRETE REINFORCING SHALL BE GRADE 60 REINFORCING STEEL CONFORMING TO ASTM A 615 "STANDARD SPECIFICATION FOR DEFORMED AND PLAIN CARBON-STEEL BARS FOR CONCRETE REINFORCEMENT".</div> <div>7. BAR MATS FOR CONCRETE REINFORCING SHALL CONFORM TO ASTM A 184 "STANDARD SPECIFICATION FOR WELDED DEFORMED STEEL BAR MATS FOR CONCRETE REINFORCEMENT. REINFORCING BARS USED IN BAR MATS SHALL CONFORM TO ASTM A 515 OR ASTM A 706.</div> <div>8. NO ADMIXTURES, OTHER THAN AIR-ENTRAINING ADMIXTURE CONFORMING TO "STANDARD SPECIFICATIONS FOR AIR ENTRAINING ADMIXTURES FOR CONCRETE" (ASTM C 260) MAY BE USED WITHOUT THE WRITTEN APPROVAL FROM THE ENGINEER. CALCIUM CHLORIDE AND CONCRETE ADMIXTURES CONTAINING CHLORIDE SALTS ARE NOT PERMITTED.</div> <div>9. LAP ALL REINFORCING BARS ACCORDING TO THE FOLLOWING LAP SPLICE SCHEDULE, WHERE BEAM REINFORCING IS REQUIRED TO BE SPLICED, SPLICING SHALL ONLY TAKE PLACE IN COMPRESSION REGIONS, I.E. BOTTOM REINFORCING SPLICES ALLOWED OVER SUPPORTS AND TOP REINFORCING SPLICES ALLOWED IN THE BEAM MIDSPANS. WHERE COLUMN VERTICAL REINFORCING IS REQUIRED TO BE SPLICED, SPLICING WILL BE PERMITTED ONLY AT FLOOR LEVELS OR AREAS OF LATERAL SUPPORT.</div> <div>10. CONCRETE FLAT WORK FINISH SHALL BE A MEDIUM BROOM FINISH PERPENDICULAR TO WALKING DIRECTION</div>							
REINFORCED CONCRETE LAP SPLICE SCHEDULE							
F' _c =2500 PSI AT 28 DAYS		REINFORCEMENT LENGTH (INCHES)					
SPLICE CLASS	REINFORCEMENT LOCATION	#3 BARS	#4 BARS	#5 BARS	#6 BARS	#7 BARS	#8 BARS
A	TOP	24	32	39	47	69	78
	BOTTOM	18	24	30	36	53	60
B	TOP	31	41	51	61	89	102
	BOTTOM	24	32	39	47	69	78
REINFORCED CONCRETE LAP SPLICE SCHEDULE							
F' _c =3000 PSI AT 28 DAYS		REINFORCEMENT LENGTH (INCHES)					
SPLICE CLASS	REINFORCEMENT LOCATION	#3 BARS	#4 BARS	#5 BARS	#6 BARS	#7 BARS	#8 BARS
A	TOP	22	29	36	43	63	72
	BOTTOM	17	22	28	33	43	55
B	TOP	28	38	47	56	81	93
	BOTTOM	22	29	36	43	63	72
REINFORCED CONCRETE LAP SPLICE SCHEDULE							
F' _c =4000 PSI AT 28 DAYS		REINFORCEMENT LENGTH (INCHES)					
SPLICE CLASS	REINFORCEMENT LOCATION	#3 BARS	#4 BARS	#5 BARS	#6 BARS	#7 BARS	#8 BARS
A	TOP	19	25	31	37	54	62
	BOTTOM	15	19	24	29	42	48
B	TOP	25	33	41	49	71	81
	BOTTOM	19	25	31	37	54	62
REINFORCED CONCRETE LAP SPLICE SCHEDULE							
F' _c =2500 PSI AT 28 DAYS		REINFORCEMENT LENGTH (INCHES)					
SPLICE CLASS	REINFORCEMENT LOCATION	#3 BARS	#4 BARS	#5 BARS	#6 BARS	#7 BARS	#8 BARS
A	TOP	18	24	30	35	51	59
	BOTTOM	14	18	23	27	40	45
B	TOP	23	31	38	46	67	76
	BOTTOM	18	24	30	35	51	59
NOTE: TOP DENOTES REINFORCING W/12" OF CONCRETE BELOW THE LEVEL OF REINFORCING							

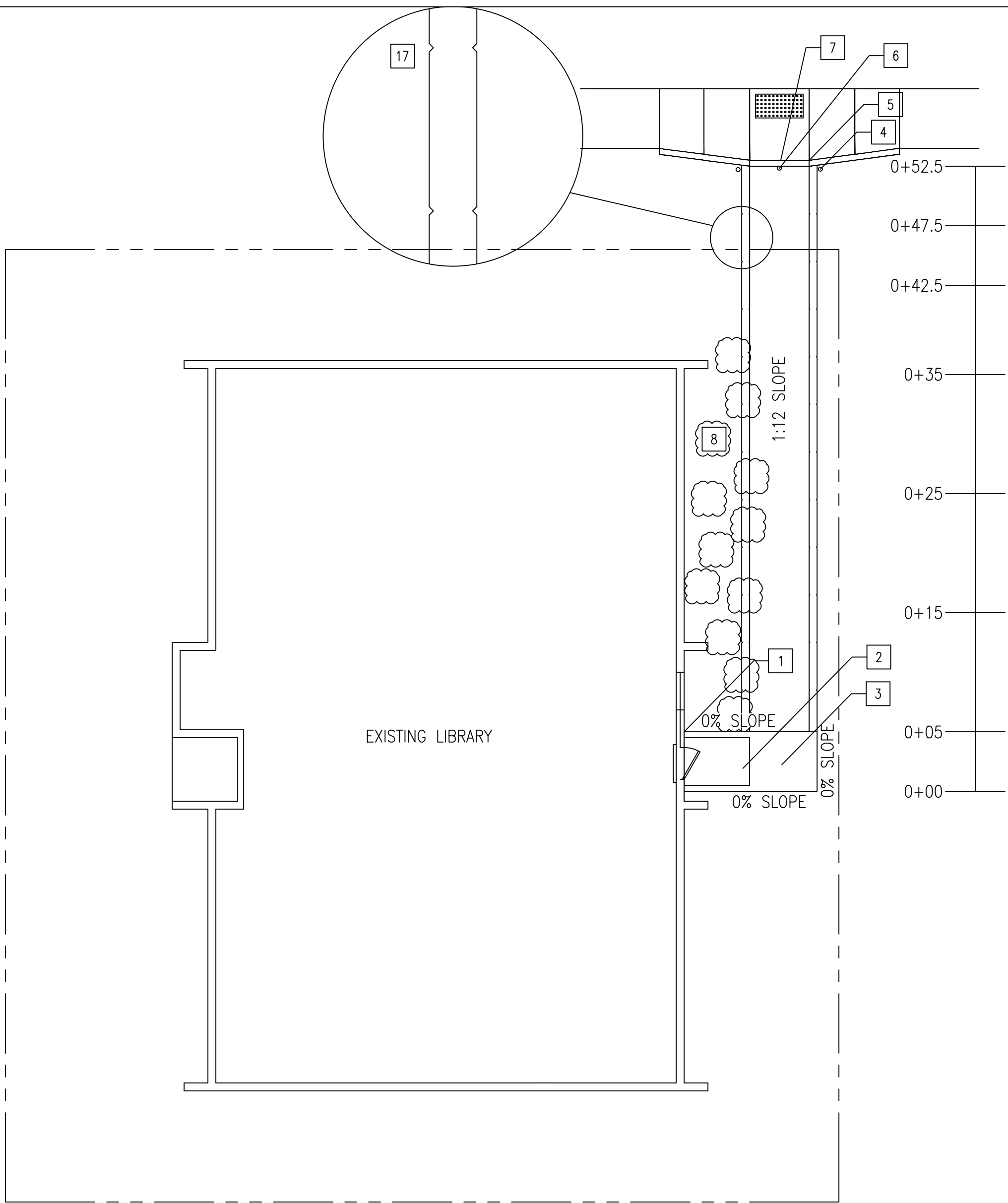
<p>ELECTRICAL NOTES</p> <ol style="list-style-type: none"> 1. NEW ELECTRICAL CIRCUITS SHALL BE SIZED FOR 20 AMPERES CONTINUOUS SERVICE. ALL CIRCUITS SHALL AT A MINIMUM USE 12 AWG THWN 2/C WITH INSULATED GROUND OR THWN 3/C CABLE CLEARLY IDENTIFYING LINE, NEUTRAL AND GROUND WIRES. 2. ½" EMT CONDUIT SHALL BE USED FOR ALL NEW CABLE WAYS. NEC ARTICLE 360 GUIDELINES SHALL BE FOLLOWED. 3. METALLIC BOXES SHALL PROVIDE APPROPRIATE GROUNDING PROVISIONS FOLLOWING NEC GUIDELINES. 4. ALL NEW RECEPTACLES AND LIGHTING SWITCH(S) USED SHALL BE RATED FOR 20A. 5. EXTERIOR WALL PACK LIGHTING USED SHALL BE: (2) HUBBELL PGM3-180L4K-U-DBT-PBT1; 120V, LED, 4000K LUMENS, WITH PHOTOCELL; OR APPROVED EQUAL. 6. TWO LIGHTING FIXTURES REMOVED FOR NEW WALL INSTALLATION FOR IHUB AREA SHALL BE SALVAGED. 7. ALL NETWORKING AND ELECTRICAL CONDUITS SHALL HAVE 12" MIN. SPACING. 8. ALL COMMUNICATION CABLES SHALL BE CAT 6 CABLE AND PORTS.
<p>FIRE PROTECTION</p> <ol style="list-style-type: none"> 1. FIRE PANEL: KIDDIE FX-5R OR APPROVED EQUIVALENT. 2. INITIATING DEVICES SHALL BE CONVENTIONAL 4-WIRE 24VDC TYPE. KIDDIE ESL/INTERLOGIX 700 SERIES OR APPROVED EQUAL. 3. INITIATING CO DEVICE SHALL BE EDWARDS SIGNALING 260-CO OR APPROVED EQUAL. 4. ANNUNCIATION DEVICES SHALL PRODUCE HORN PULSE SOUND PATTERN WITH STROBE. WHEELLOCK MODEL CN121085 OR APPROVED EQUAL. 5. SMOKE DETECTING INITIATING DEVICES SHALL BE MOUNTED NO FURTHER THAN 12" AWAY FROM CEILING PEAK POINT. 6. CO DETECTOR SHALL BE MOUNTED NO HIGHER THAN 6' FROM FLOOR LEVEL. 7. ½" EMT CONDUIT SHALL BE USED FOR ALL NEW CABLE WAYS. NEC ARTICLE 360 GUIDELINES SHALL BE FOLLOWED. 8. METALLIC GANG BOXES SHALL BE USED FOR INSTALLATION. 9. INSTALLATION SHALL CLOSELY ADHERE TO NFPA72 GUIDELINES. 10. FIRE PROTECTION PANEL SHALL HAVE DEDICATED 120VAC, 20A CIRCUIT. 11. INITIATING DEVICE WIRING SHALL BE BELDEN 5324UL PVC INSULATED 18AWG 6-CONDUCTOR. 12. ANNUNCIATION DEVICE WIRING SHALL BE BELDEN 5322UL PVC INSULATED 18AWG 4-CONDUCTOR; 5324UL WIRING MAY BE USED.
<p>CEILING TILE DEMOLITION</p> <ol style="list-style-type: none"> 1. CONTRACTOR SHALL REMOVE CEILING TILES TO INSTALL AND CONCEAL NEW WIRING, ANY TILES BROKEN MUST BE REPLACED AT CONTRACTOR COST.
<p>BRICK WALL DEMOLITION</p> <ol style="list-style-type: none"> 1. CONTRACTOR MUST PLACE AND SECURE TEMPORARY C CHANNEL SUPPORTS PRIOR TO DEMO OF ANY BRICK 2. PLAN TO REMOVE BRICKS MUST BE SUBMITTED AND APPROVED BY ENGINEER PRIOR TO ANY DEMO WORK 3. CONTRACTOR TO PLACE TEMPORARY PLASTIC TO PREVENT DUST FROM IMPACTING ADJACENT AREAS OF THE LIBRARY 4. CONTRACTOR TO REMOVE ALL DEMO MATERIAL FROM PROPERTY 5. CONTRACTOR SHALL FILL ALL HOLES FROM TEMPORARY BEAM WITH GROUT AND COLOR MATCH TO EXISTING BRICK
<p>CIRCULATION DESK</p> <ol style="list-style-type: none"> 1. SOLID HARD WOOD CONSTRUCTION 2. FORMICA COUNTER TOPS WITH ROUNDED EDGES 3. MINIMUM OF 3 COATS OF SATIN VARNISH 4. CONTRACTOR SHALL PROVIDE APPROVAL DRAWING OF CIRCULATION DESK TO COUNTY FOR APPROVAL PRIOR TO CONSTRUCTION
<p>UTILITY LOCATING</p> <ol style="list-style-type: none"> 1. CONTRACTOR RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO ANY EXCAVATING. 2. CONTRACTOR SHALL IDENTIFY ANY IMPACTS TO THOSE UTILITIES UP-FRONT AND CONSULT WITH OWNER ON OPTIONS TO MITIGATE THOSE IMPACTS.
<p>SUBMITTALS</p> <ol style="list-style-type: none"> 1. CONTRACTOR SHALL PROVIDE SUBMITTALS FOR APPROVAL TO OWNER PRIOR TO PROCURING ANY AND ALL DOORS, WINDOWS, TABLES, DESKS, ELECTRICAL FIXTURES, ETC. WITHIN 10 WORKING DAYS FOLLOWING OF THE NOTICE TO PROCEED.

General Notes		
No.	Revision/Issue	Date

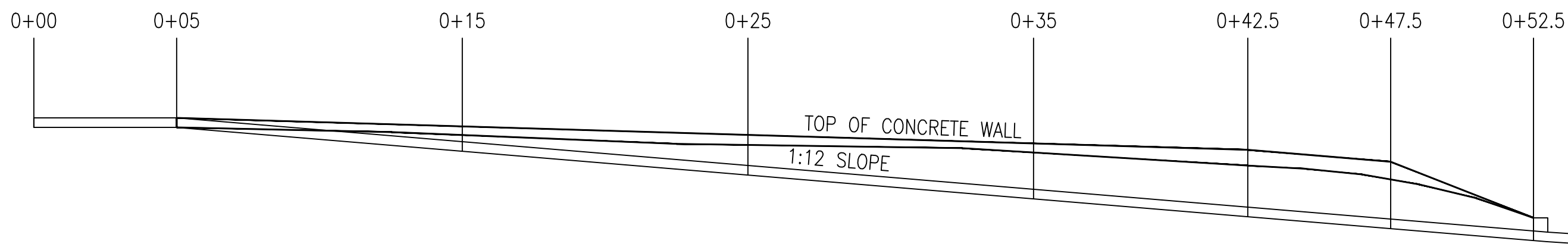
Firm Name and Address Castle Valley Consulting, PLLC 815N. 150E. CASTLE DALE, UT. 84513 435-749-9934
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Project Name and Address ORANGEVILLE & GREEN RIVER LIBRARY iHUB ADDITION
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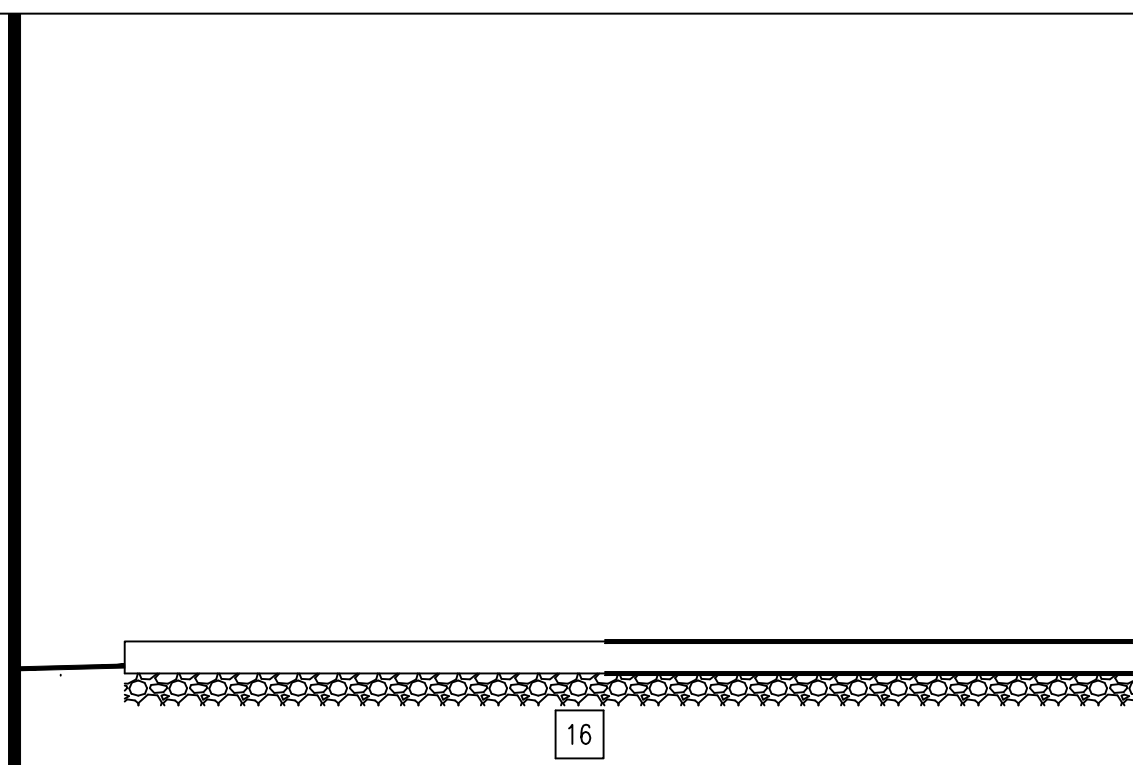
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Project	OV & GR						
Date							
Scale							



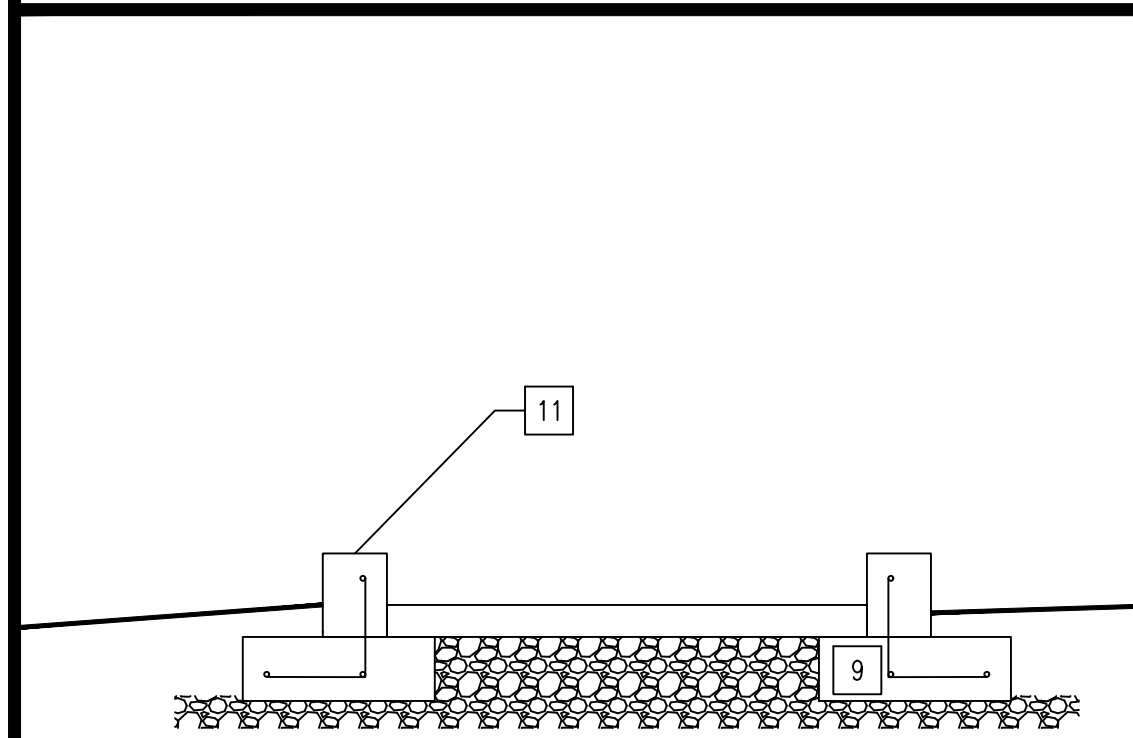
1	ORANGEVILLE SITE PLAN
C1	SCALE 1/8" = 1'-0"



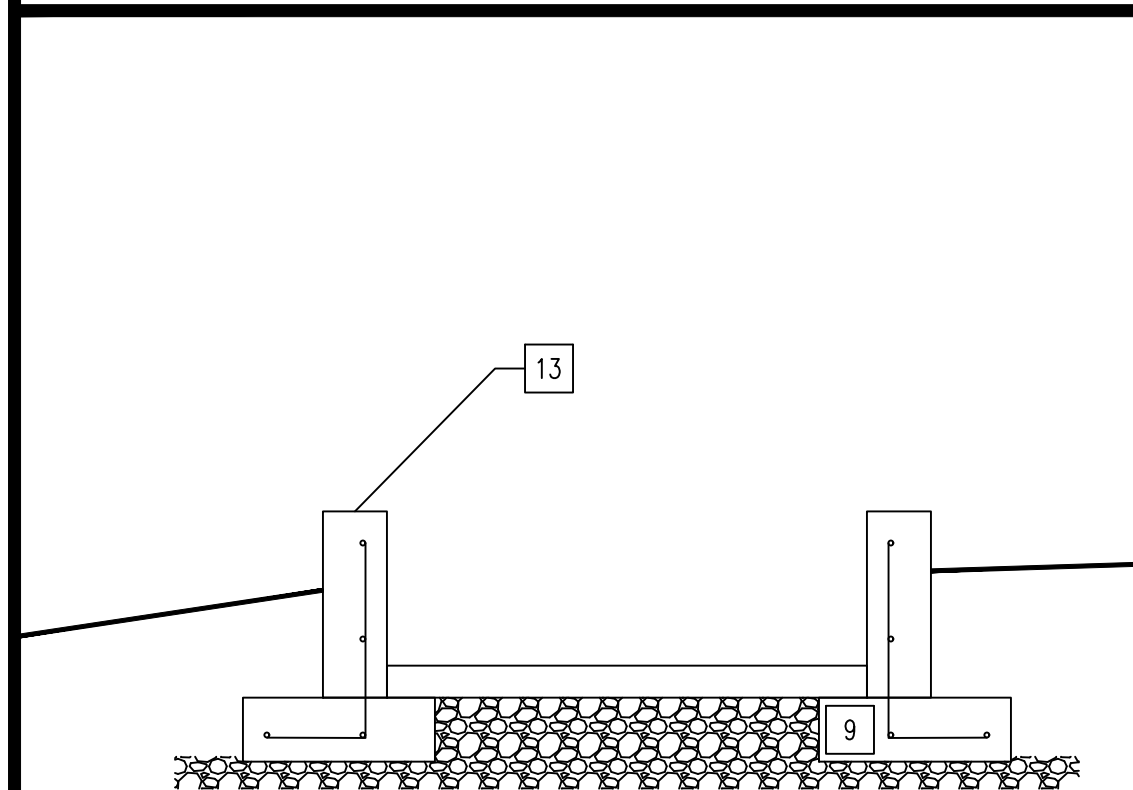
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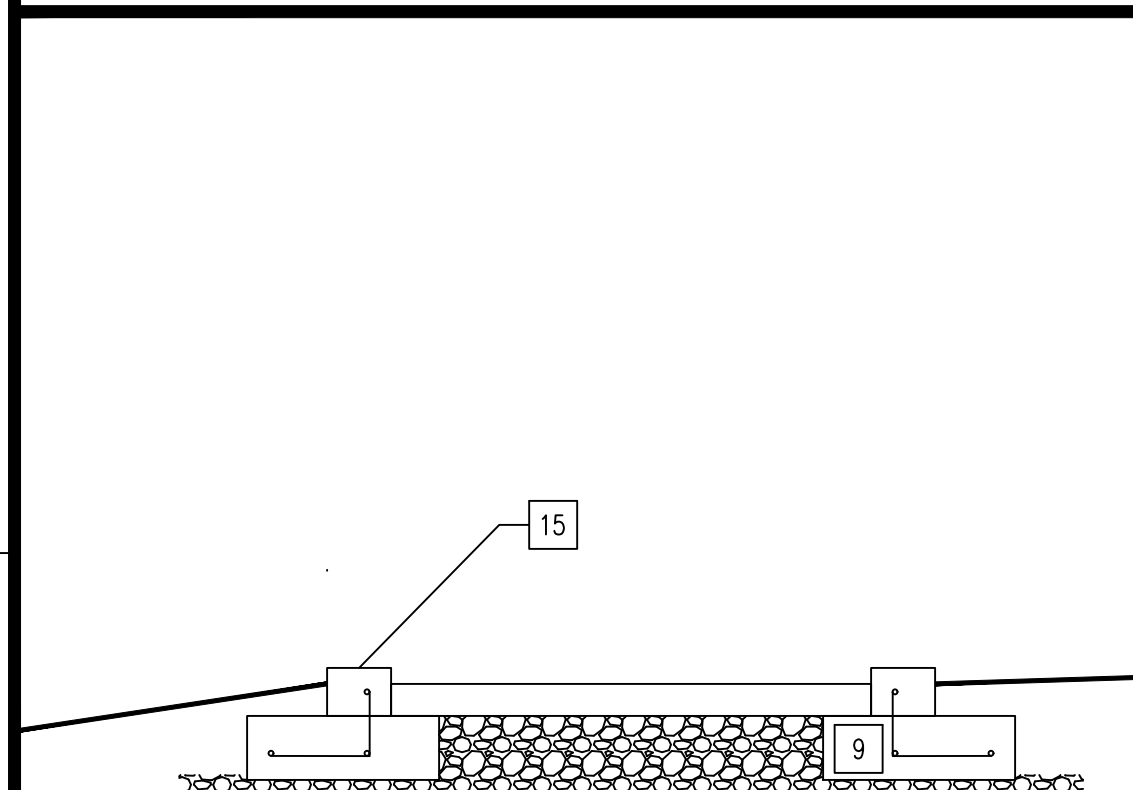
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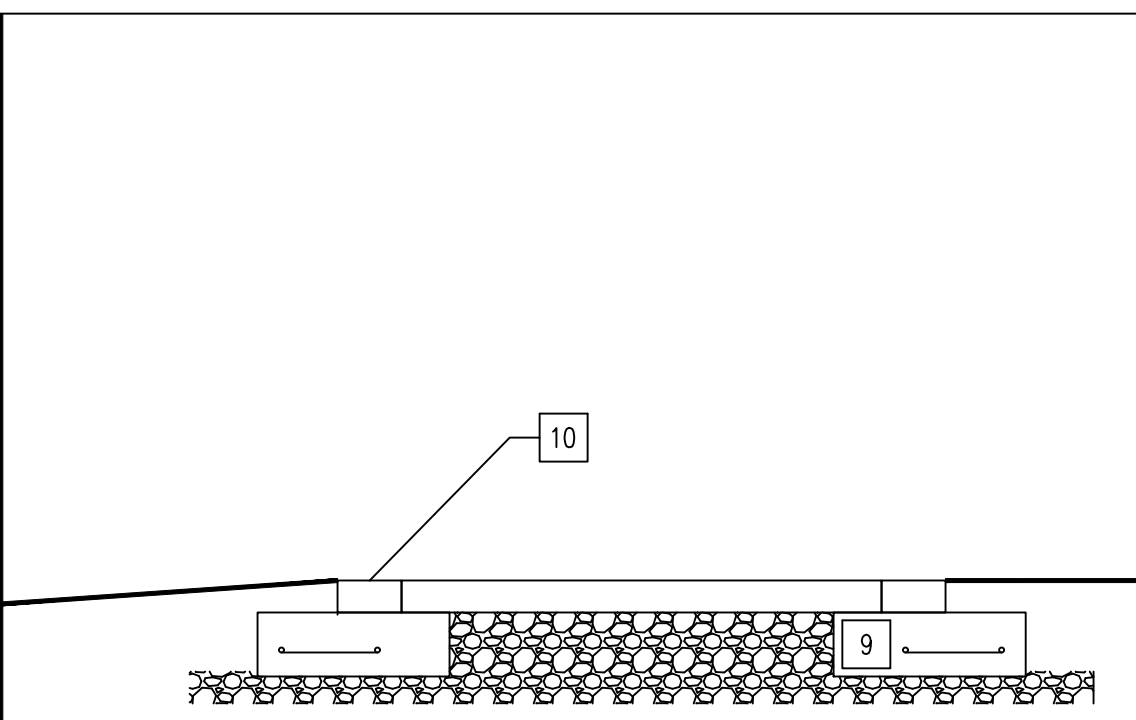
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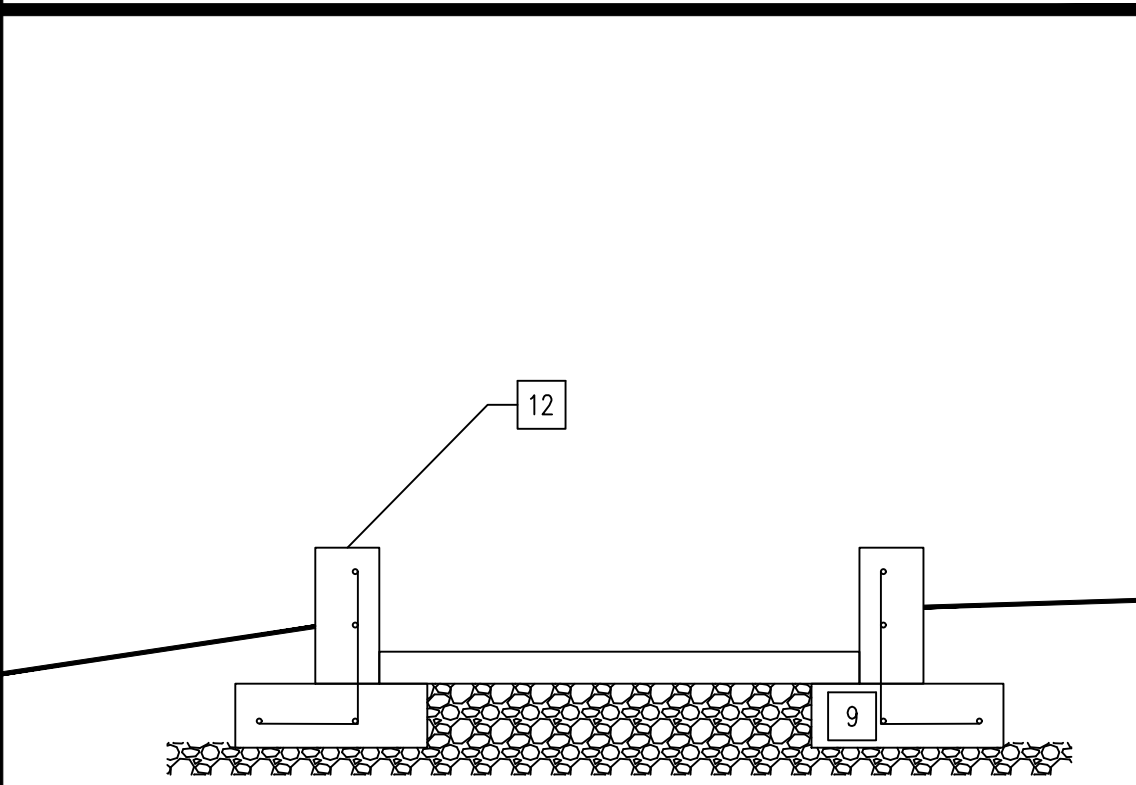
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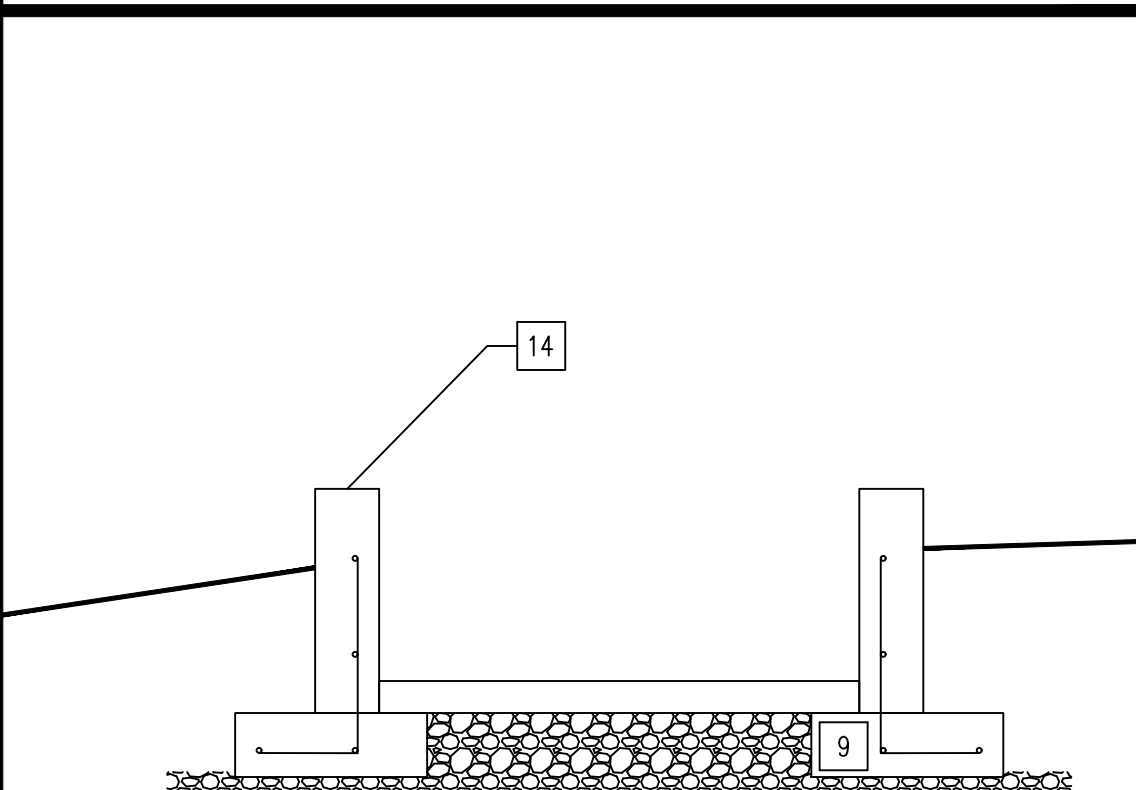
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0+05



0+25



0+42.5

General Notes

1

MATCH EXISTING BOTTOM OF THRESHOLD

2

~11'-2" X 5' X 4" CONCRETE PAD

3

DEMO EXISTING CONCRETE PAD

4

NEW SPRINKLER HEAD

5

MATCH EXISTING ADA ACCESS

6

REMOVE SPRINKLER HEAD

7

DEMO 5 L.F. OF CURB

8

DEMO BUSHES AND SHRUBS

9

2'X8" CONTINUOUS CONCRETE FOOTING

10

8'X4" CONCRETE WALL

11

8'X10" CONCRETE WALL

12

8'X1'-6" CONCRETE WALL

13

8'X2' CONCRETE WALL

14

8'X2'-6" CONCRETE WALL

15

8'X6" CONCRETE WALL

16

1" DIA. CLEAN GRAVEL PLATE COMPACTED
MIN. 3" THICK UNDER FOOTINGS

17

3/4" CONCRETE CHAMFER ON 4' CENTERS

FOOTING & WALL REBAR
HORZ.#5@12"C.C. VERT.#5@24"C.C.
3" CLEAR SPACE BTW ALL REBAR & OUTSIDE CONC.

115 SOUTH MAIN STREET
ORANGEVILLE, UTAH 84537

NORTH

No.	Revision/Issue	Date

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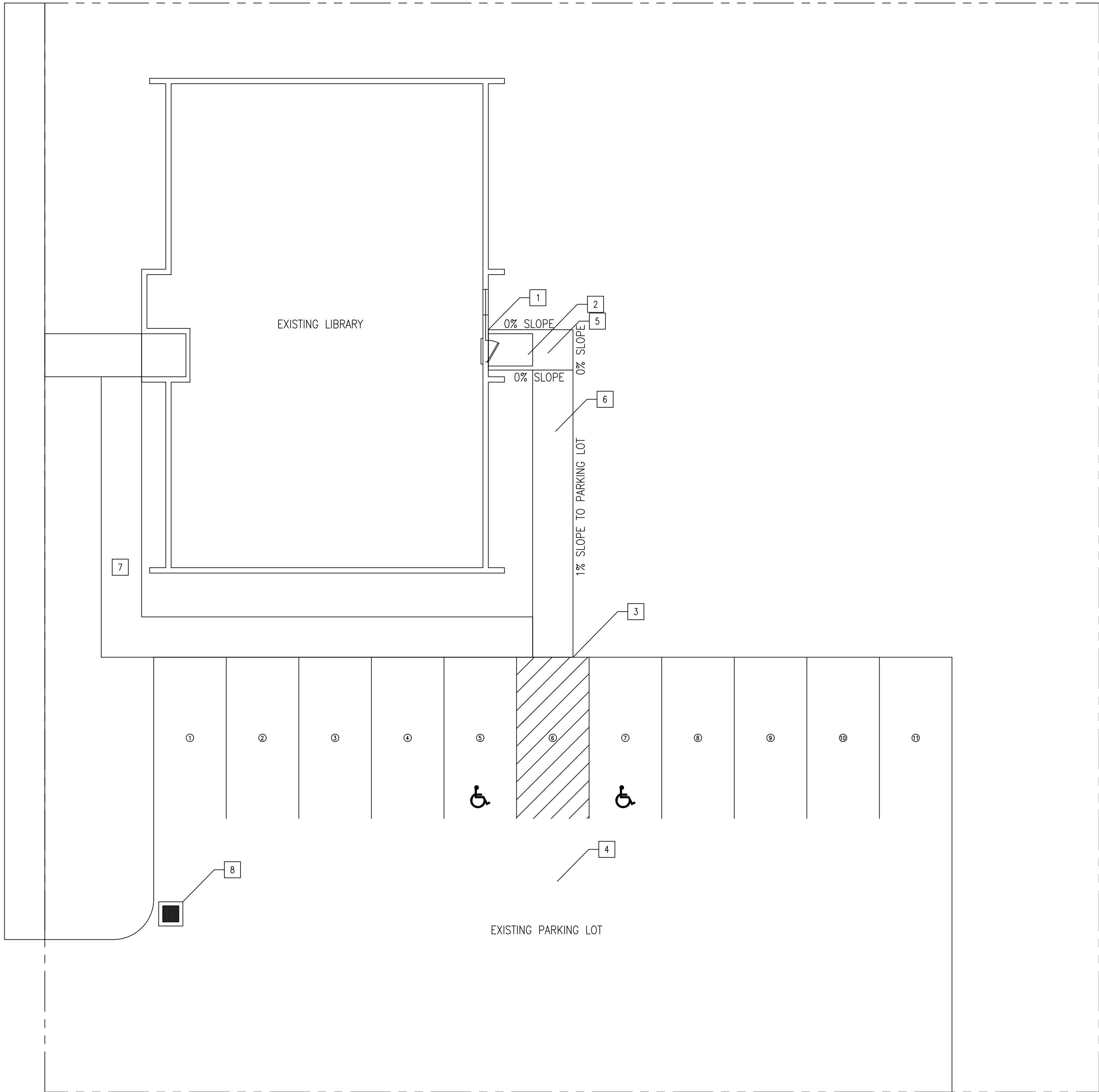
Project Name and Address
ORANGEVILLE & GREEN RIVER
LIBRARY iHUB ADDITION

Project
ORANGEVILLE

Date

Scale
1/8"=1'-0"

Sheet
C1



1	GREEN RIVER SITE PLAN
C2	SCALE 1/8"= 1'-0"

General Notes

1

MATCH EXISTING BOTTOM OF THRESHOLD

2

DEMO EXISTING CONCRETE PAD

3

MATCH EXISTING TOP OF CONCRETE PARKING LOT

4

RE-PAINT EXISTING PARKING LOT LOT 6 TO BE USED AS ADA ACCESS AISLE - ADHERE TO ALL ADA REQUIREMENTS AND PROVIDE ADA SIGNS WHERE APPLICABLE.

5

~10'-6" X 5' X 4" CONCRETE PAD

6

~37'-7" X 5' X 4" CONCRETE PAD MIN. 3"THICK 1" DIA. CLEAN GRAVEL PLATE COMP.

7

5' WIDE SIDEWALK PER DIRECTION OF OWNER

8

2'X2' CATCH BASIN W/6" WALLS 2' OF CLEAN GRAVEL BELOW BASIN LOCATION OF BASIN PER OWNER DIRECTION SEE A2 DETAIL 4 FOR MORE INFORMATION

85 SOUTH LONG STREET
GREEN RIVER, UTAH 84525

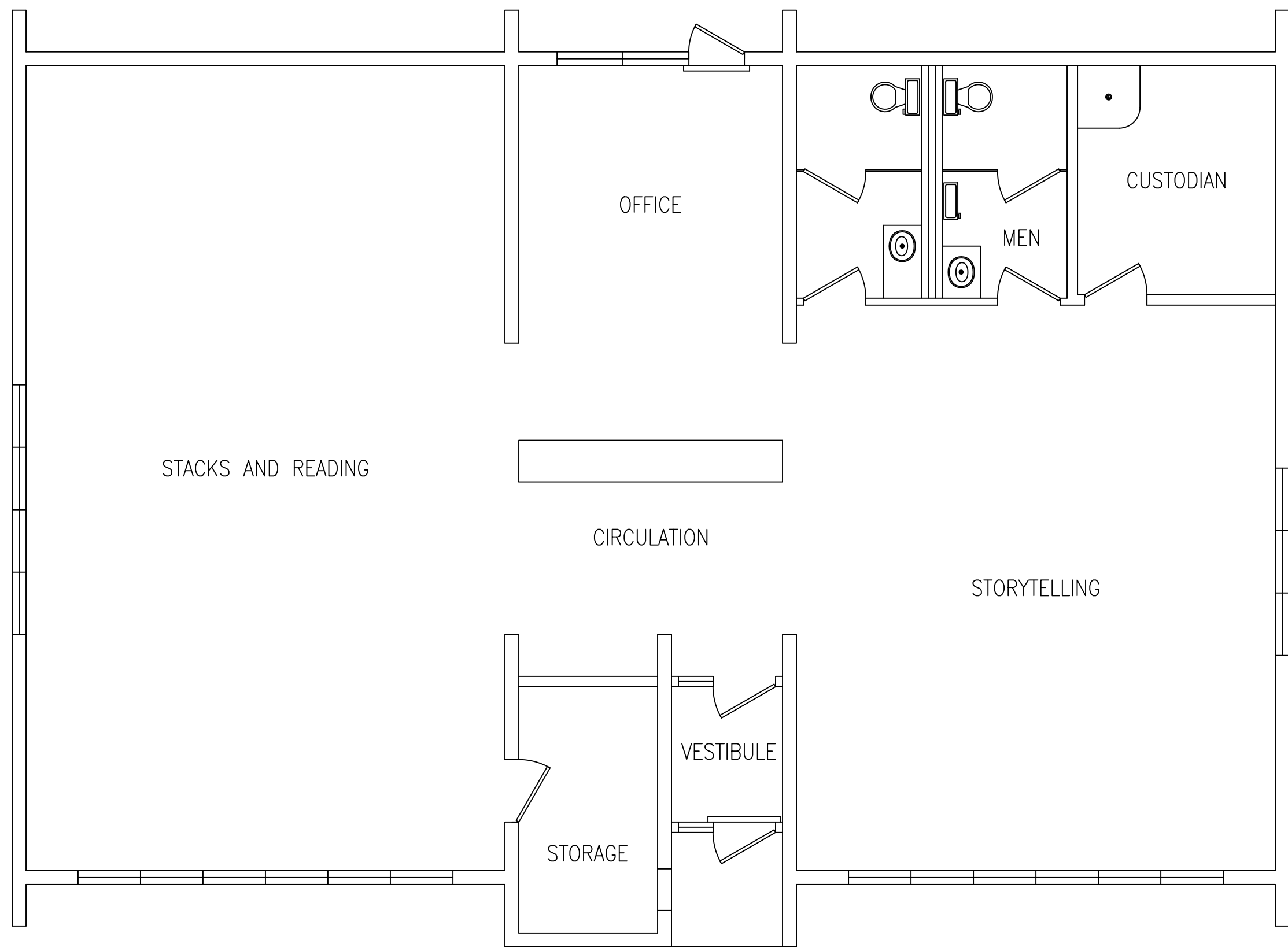
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No.	Revision/Issue	Date

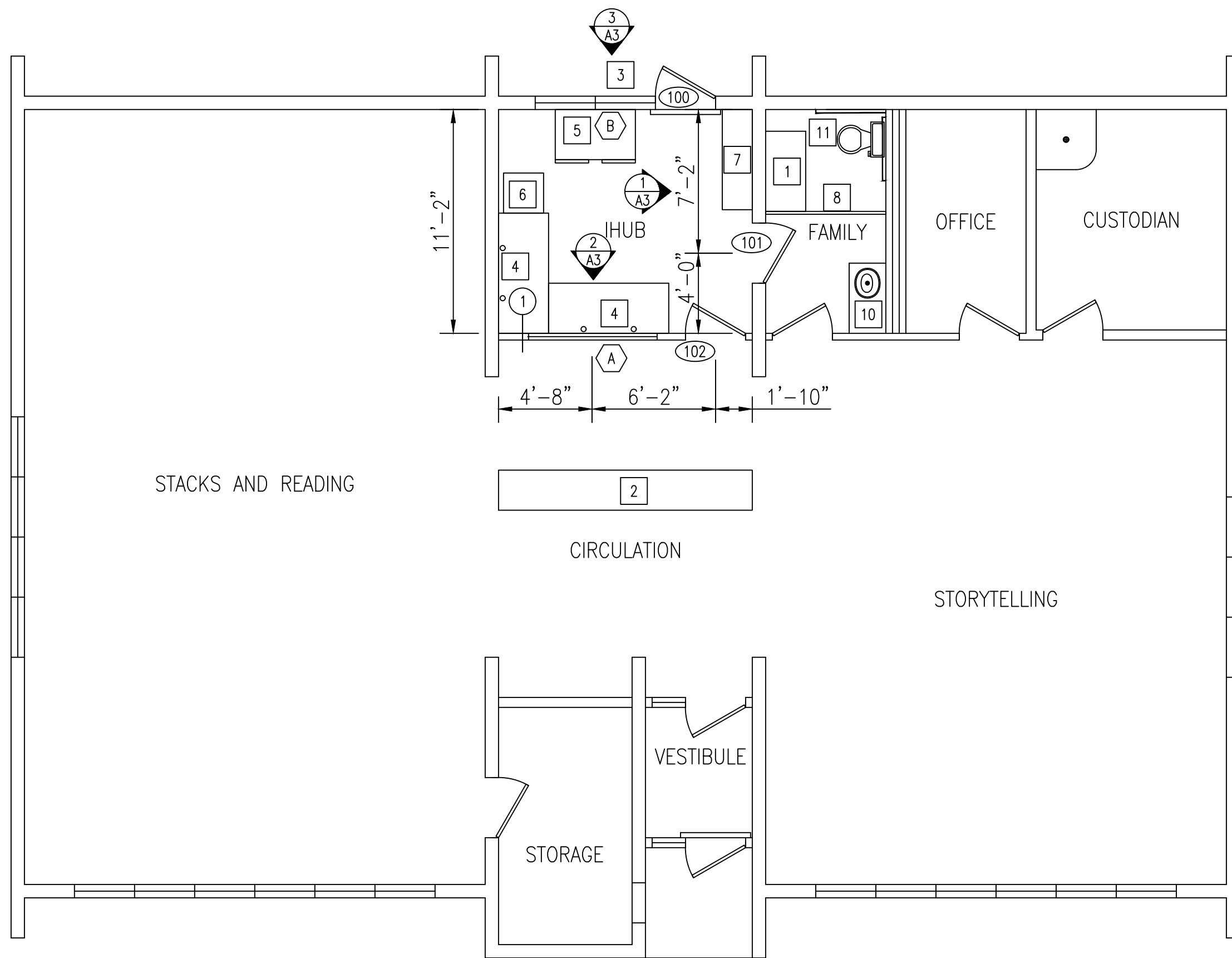
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ORANGEVILLE & GREEN RIVER
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Project GREEN RIVER	Sheet C2
Date	
Scale 1/8"=1'-0"	



1 EXISTING FLOOR PLAN
A1 SCALE 3/16" = 1'-0"

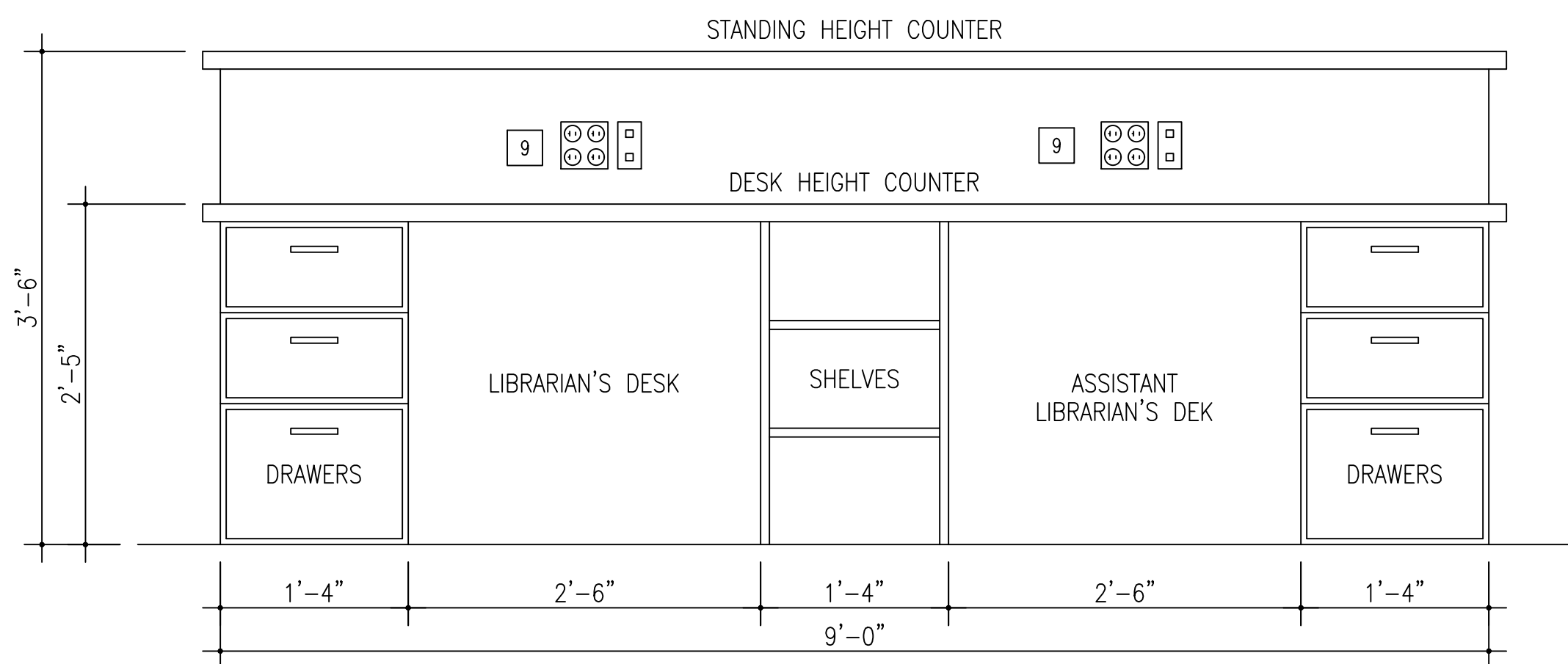


2 PROPOSED FLOOR PLAN
A1 SCALE 3/16" = 1'-0"

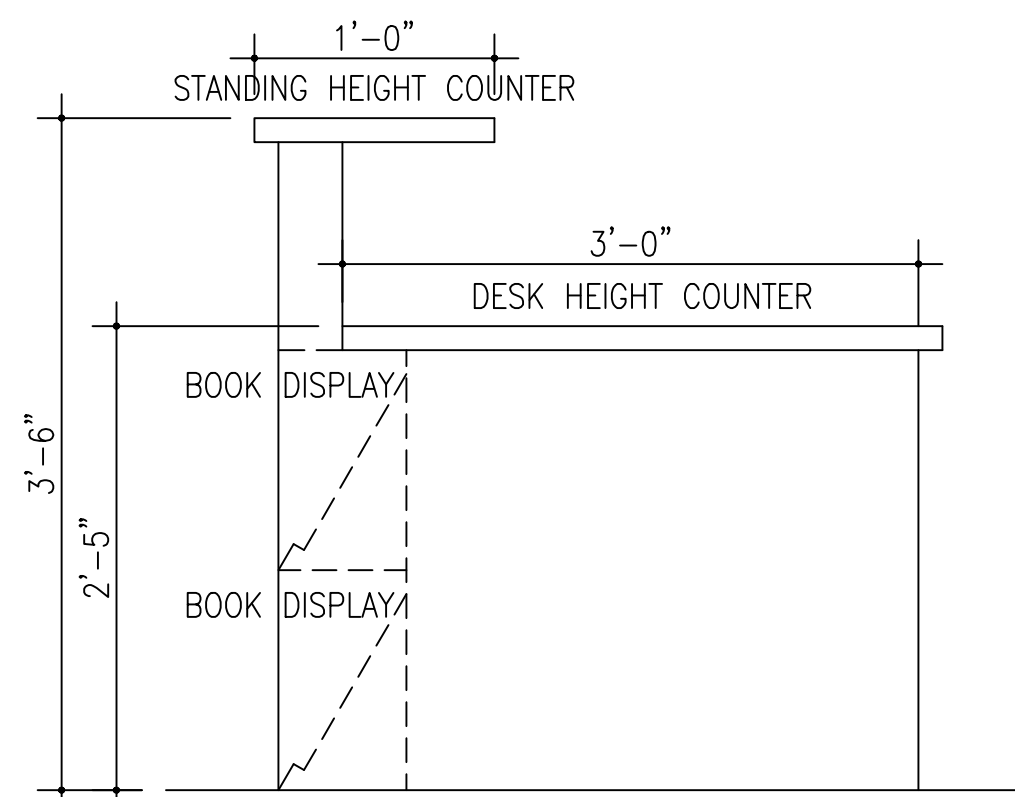
MAIN FLOOR WINDOW SCHEDULE				
MARK	QTY.	WINDOW SIZE	WINDOW TYPE	FRAME
A	1	6'-6"x3'-0"	FIXED	ALUMINUM
B	1	6'-0"x4'-0" (2 PANELS)	FIXED	ALUMINUM
WINDOW U-FACTOR OF .32 OR LOWER				

MAIN FLOOR DOOR SCHEDULE		
MARK	DOOR SIZE	FRAME, MATERIAL
100	3'-0"x7'-0" EXT. BRONZE	ALUM., GLASS W/PUSH BAR
101	3'-0"x7'-0" INT. BRONZE	STEEL, OAK SOLID CORE
102	3'-0"x7'-0" INT. BRONZE	ALUM., GLASS W/PUSH BAR
VERIFY WITH OWNER PRIOR TO CONSTRUCTION		

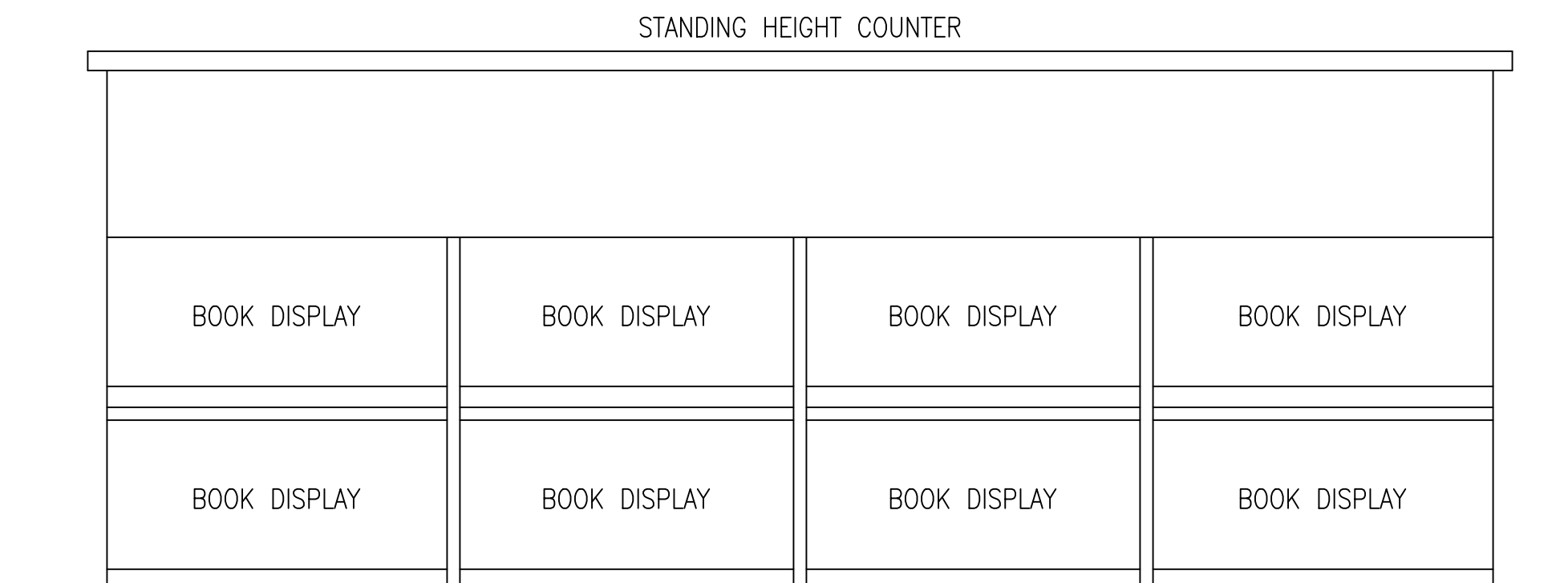
NEW WALL TYPE SCHEDULE	
MARK	DESCRIPTION
①	2x4 METAL STUDS @ 16" O.C. W/ 1 LAYER OF 1/2" GYP. BOARD ON EACH SIDE.



3 CIRCULATION DESK REAR ELEVATION
A1 SCALE NOT TO SCALE



4 CIRCULATION DESK SIDE ELEVATION
A1 SCALE NOT TO SCALE



5 CIRCULATION DESK FRONT ELEVATION
A1 SCALE NOT TO SCALE

General Notes

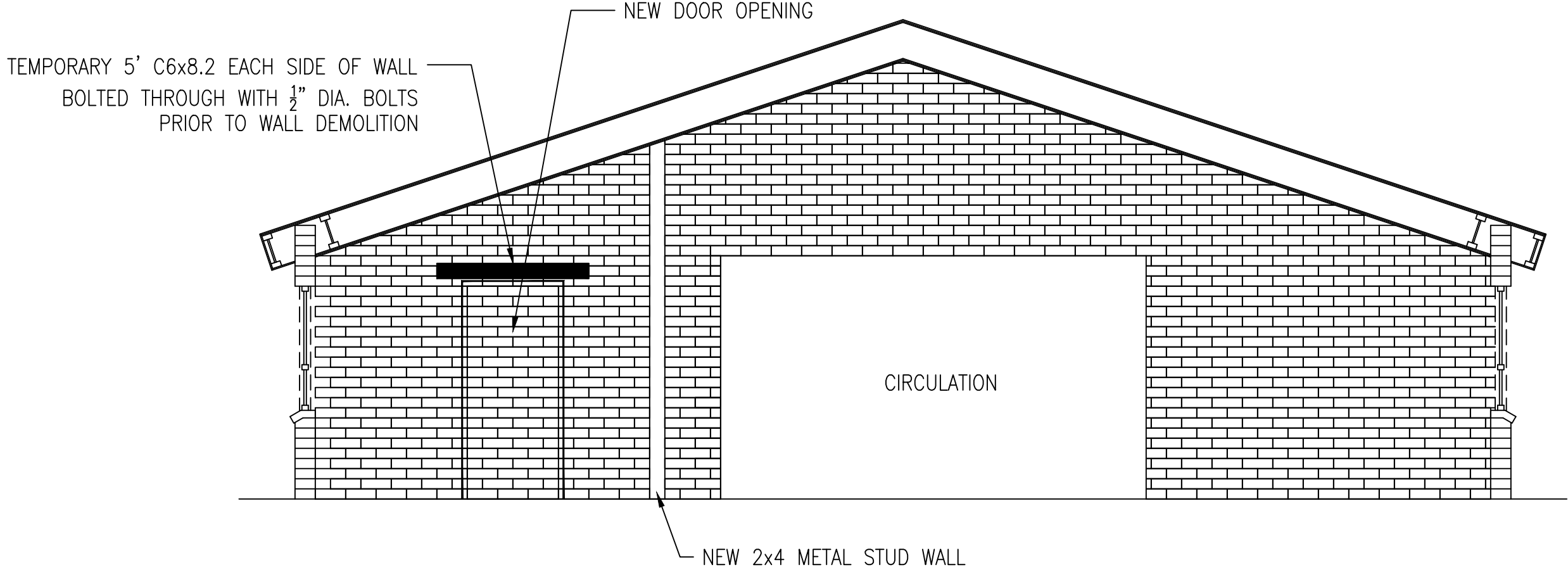
- FOLD DOWN CHANGING TABLE
- NEW SOLID HARD WOOD CIRCULATION DESK WITH FORMICA COUNTER TOPS
- EXISTING DOOR AND WINDOW TO BE REMOVED. NEW DOOR AND WINDOW SIZES TO BE USED IN EXISTING OPENING, CONTRACTOR TO VERIFY
- UPLIFT STANDING DESK, V2 COMMERCIAL C-FRAME 72" X 30", TWO POWER GROMMETS EACH TABLE OR APPROVED EQUAL
- UPLIFT STANDING DESK, V2 COMMERCIAL C-FRAME 48" X 30", TWO POWER GROMMETS, 2 CHAIRS OR APPROVED EQUAL
- PRINTER BY OTHERS
- 5'X18"X29" SOLID HARD WOOD CABINET WITH FORMICA COUNTER TOP
- DEMO EXISTING STALL
- ELECTRICAL & COMMUNICATIONS OUTLET BOXES
- NEW ADA COMPLIANT SINK, 30" WIDE X 17" DEEP MAX 34" FROM FLOOR & 29" KNEE CLEARANCE
- 42" ADA HANDRAILS

No.	Revision/Issue	Date
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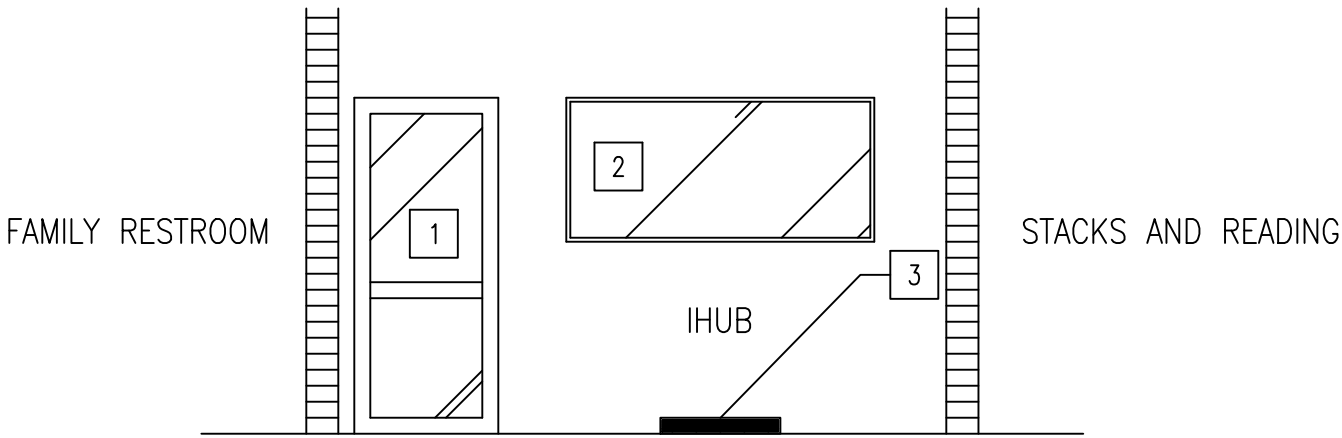
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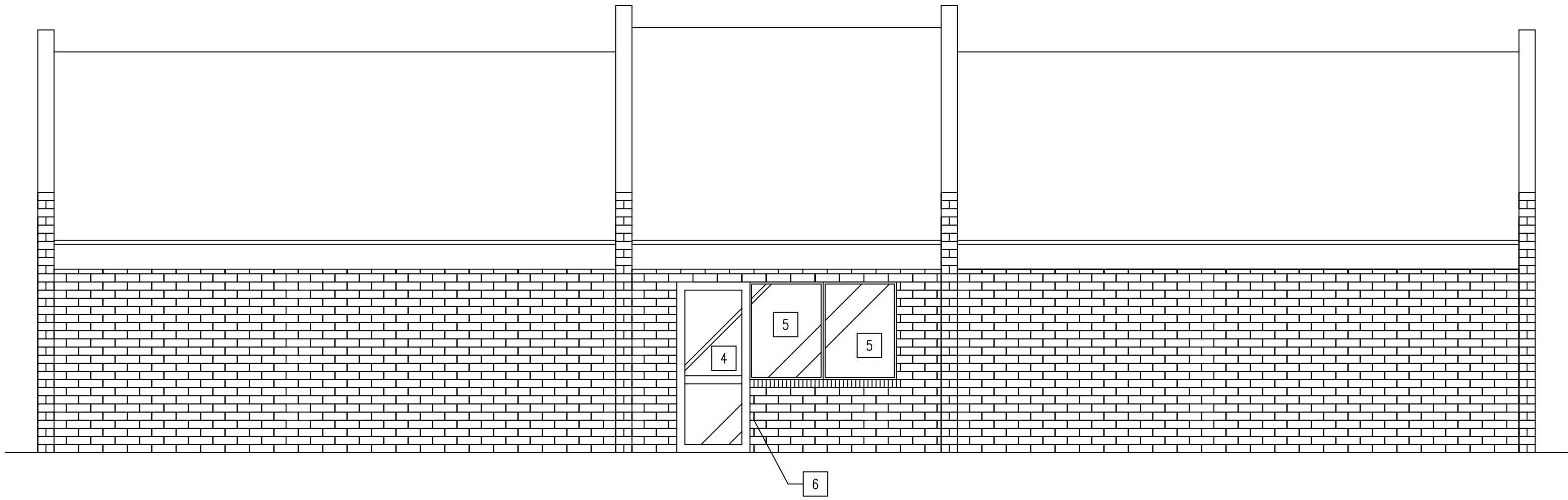
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Date		A1
Scale	3/16"=1'-0"	



1 SECTION
A2 SCALE $1/4" = 1'-0"$

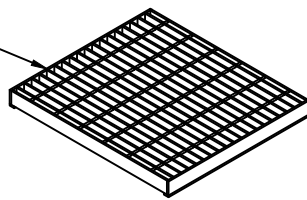


2 SECTION
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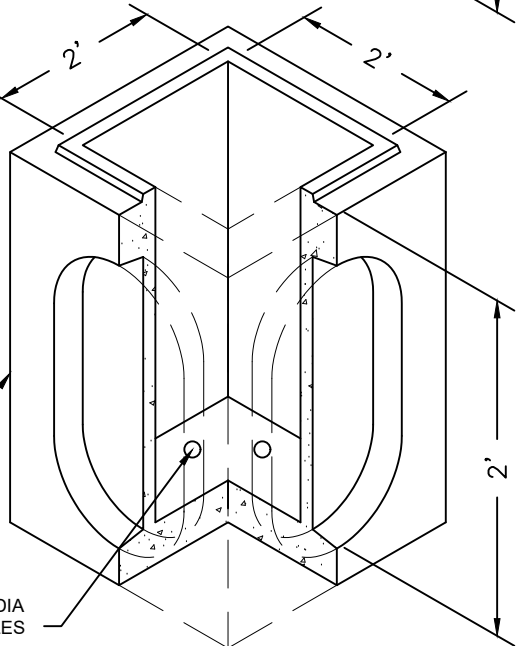
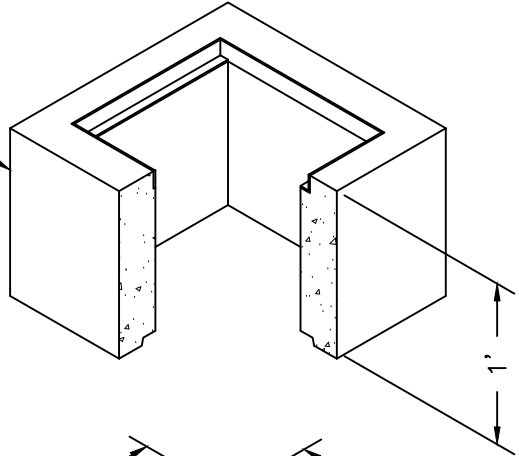


3 REAR ELEVATION
A2 SCALE $1/4" = 1'-0"$

2'x2' FRAME & GRATE



2'x2' RISER



2'x2' BASE

(4) 3" DIA DRAIN HOLES

4 DROP INLET BOX PLAN
A2 SCALE NTS

General Notes

- 1 3'-0"x7'-0" INTERIOR BRONZE ALUMINUM DOOR
- 2 6'-6"x3'-0" INTERIOR FIXED PANEL ALUM. FRAME
- 3 4" X 30" ARCHITECTURAL GRILL, SOLID ALUMINUM
FIXED BAR SUPPLY/RETURN AIR VENT GRILL
- 4 3'-0"x7'-0" EXT. BRONZE ALUMINUM DOOR
- 5 6'-0"x4'-0" (2 PANELS), FIXED, ALUMINUM
- 6 DEMO ~6" OF 3' WALL AS NEEDED TO
ACCOMMODATE 36" ADA APPROVED DOOR

No.	Revision/Issue	Date
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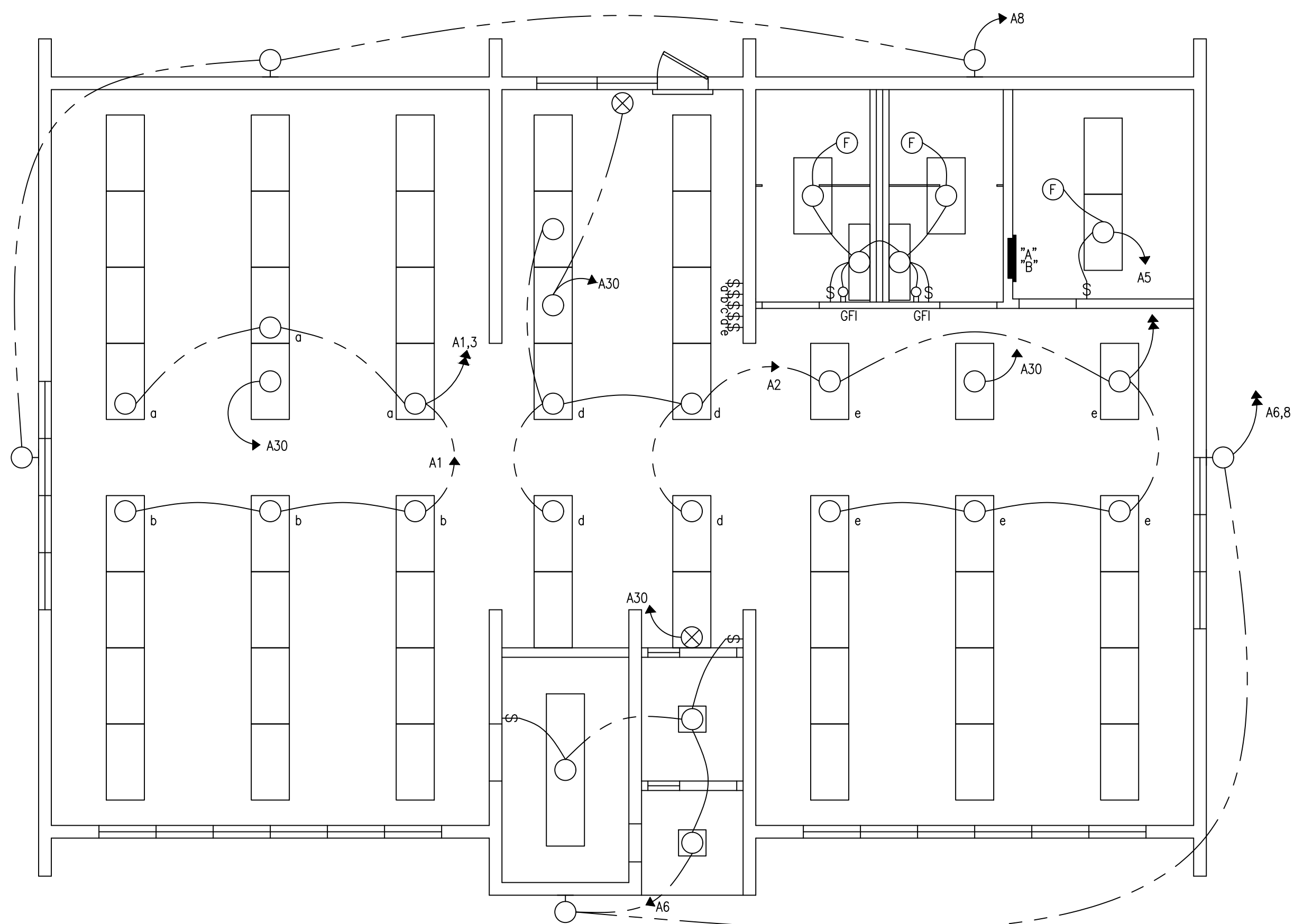
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Date

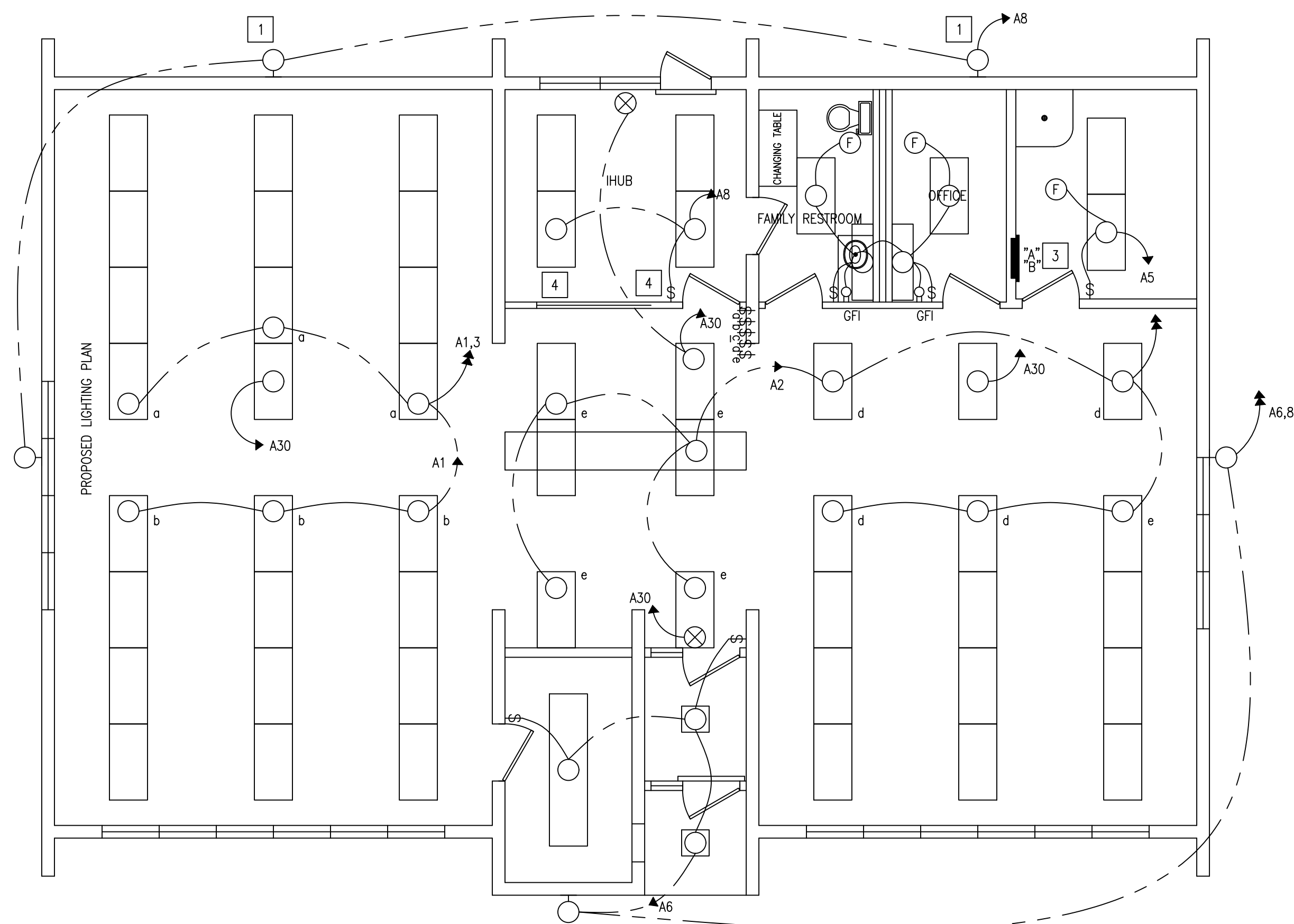
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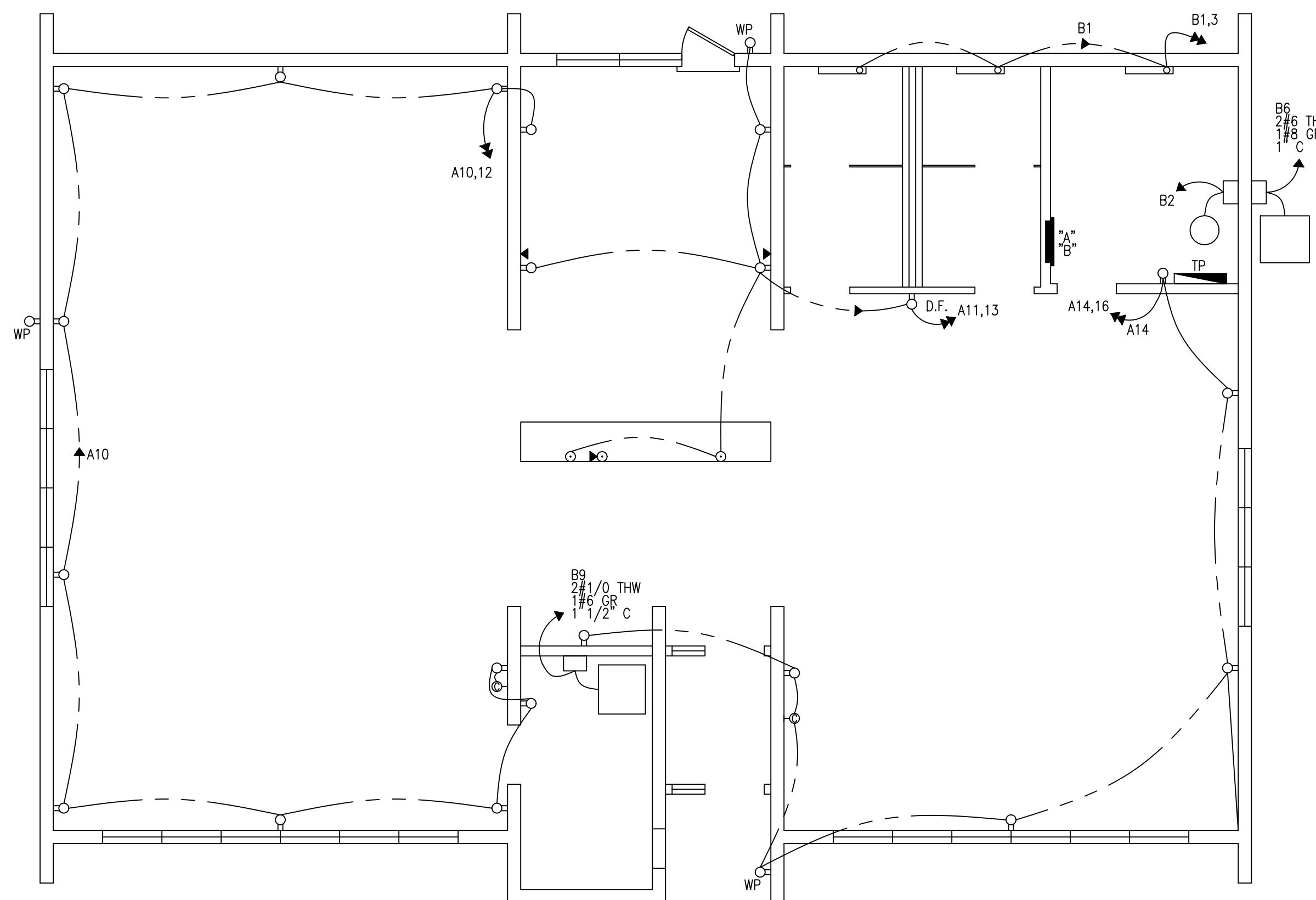
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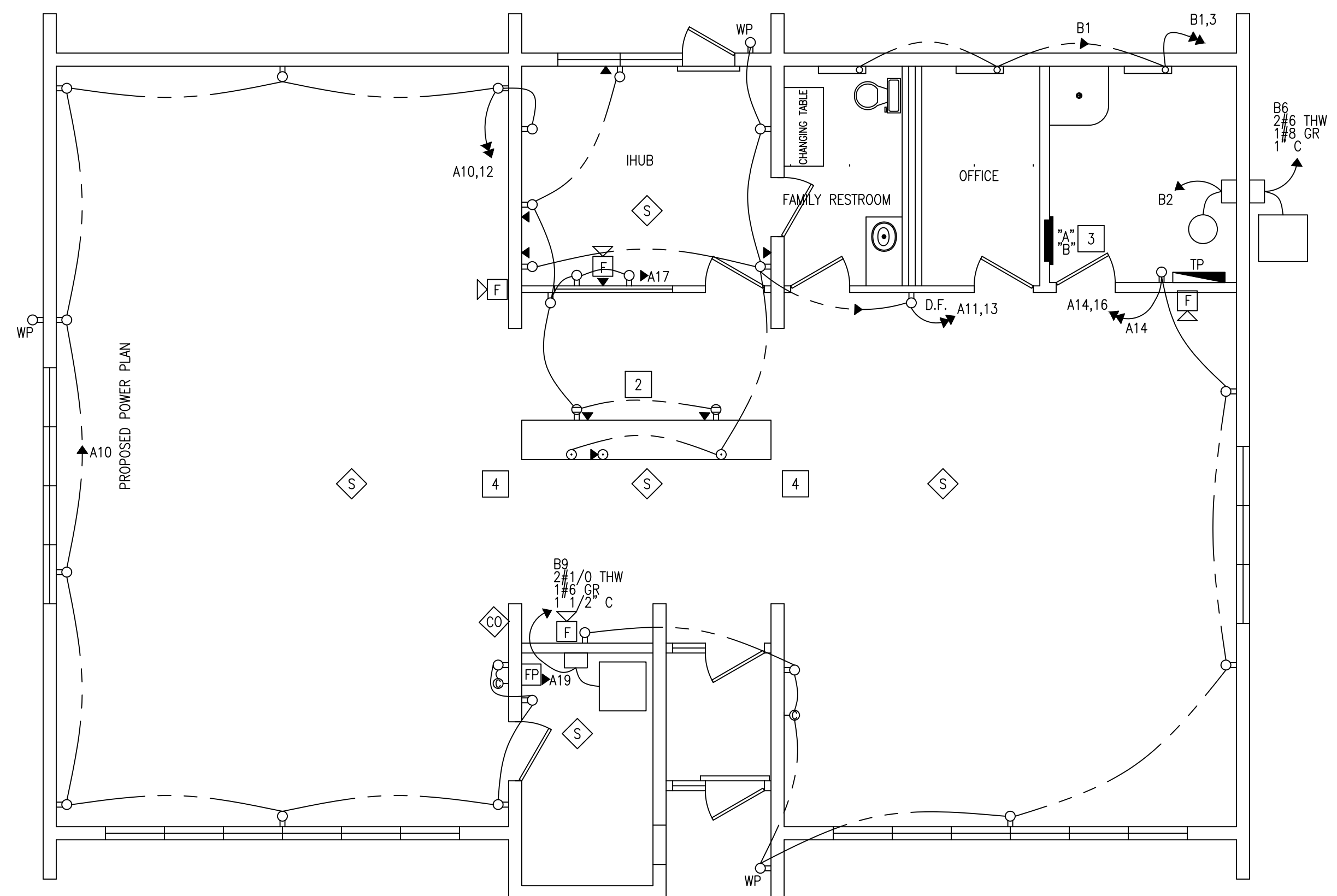
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E1 SCALE 3/16" = 1'-0"



2 REVISED ORANGEVILLE LIGHTING PLAN
E2 SCALE 3/16" = 1'-0"



3 EXISTING ORANGEVILLE POWER PLAN
E1 SCALE 3/16" = 1'-0"



4 REVISED ORANGEVILLE POWER PLAN
E2 SCALE 3/16" = 1'-0"

General Notes

- 1 HUBBELL WALL PACK LIGHTING REPLACEMENTS
- 2 CIRCULATION DESK RECEPTACLES WILL BE COUNTER HEIGHT
- 3 CONDUIT SHALL BE RUN IN CRAWL SPACE AREA.
- 4 CEILING TILES SHALL BE REMOVED TO CONCEAL NEW LIGHTING & FIRE PROTECTION CIRCUITS
- 5 SMOKE DETECTOR
- 6 CARBON MONOXIDE DETECTOR
- 7 HORN/STROBE
- 8 FIRE PROTECTION PANEL

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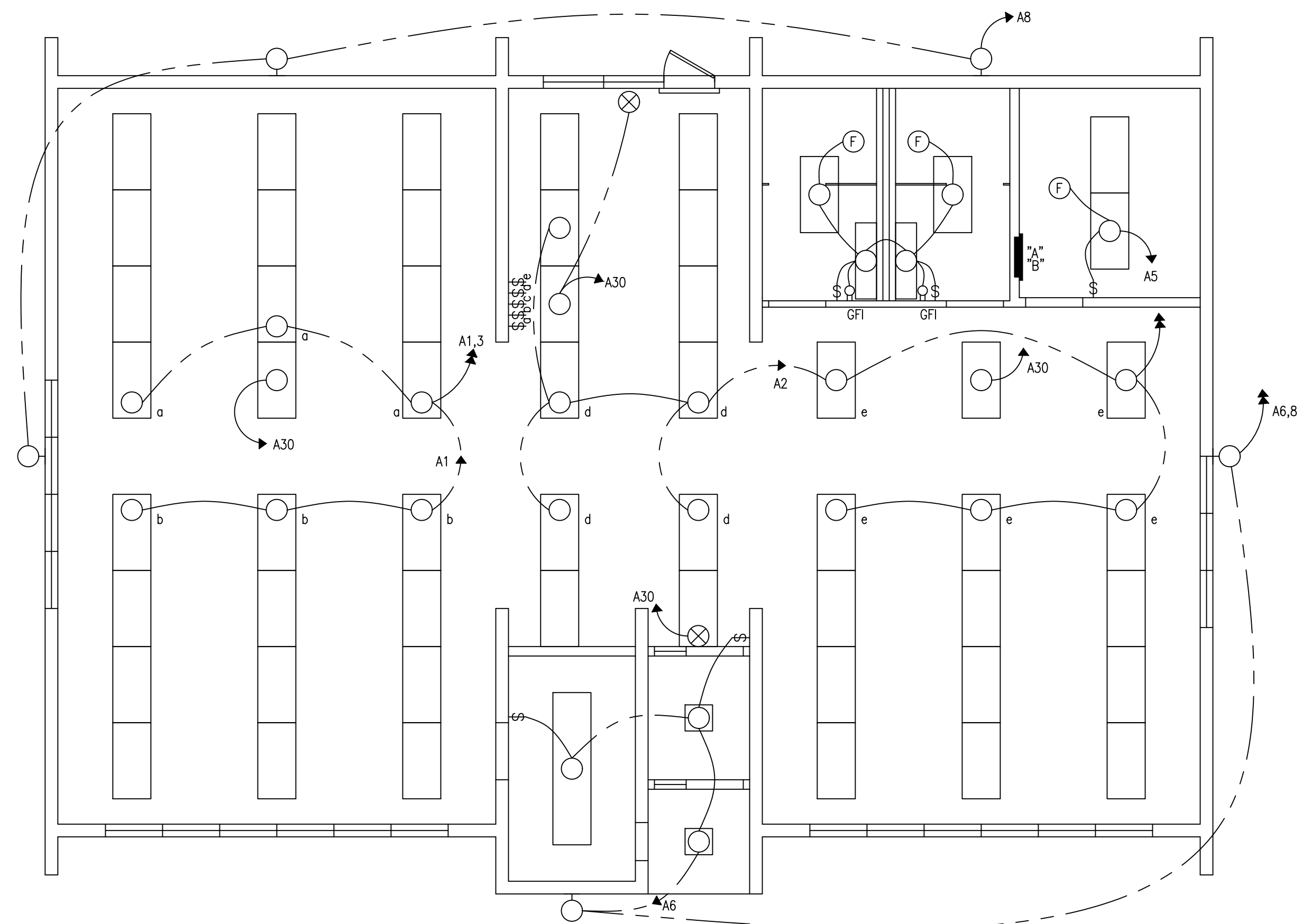
Project ORANGEVILLE

Date

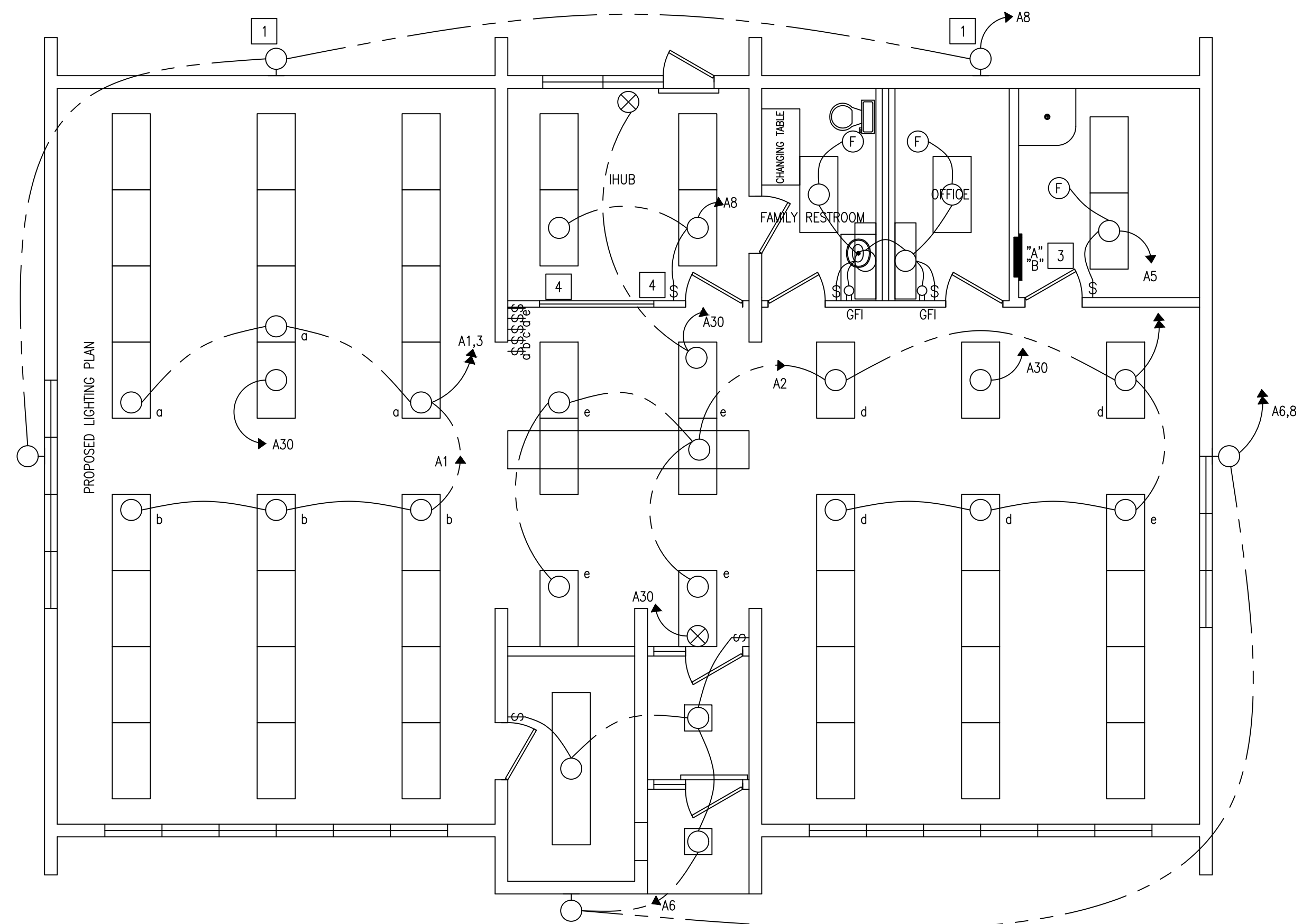
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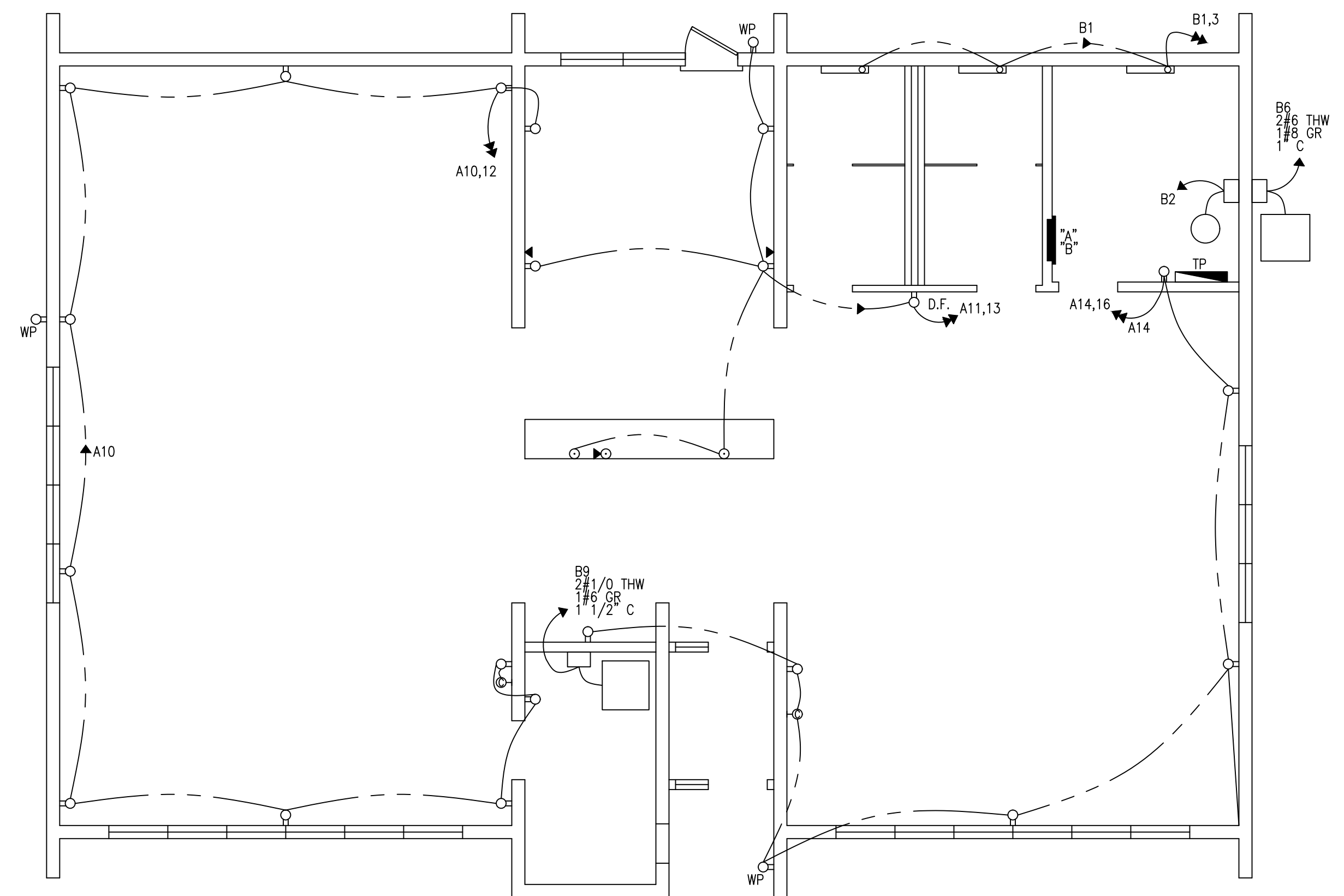
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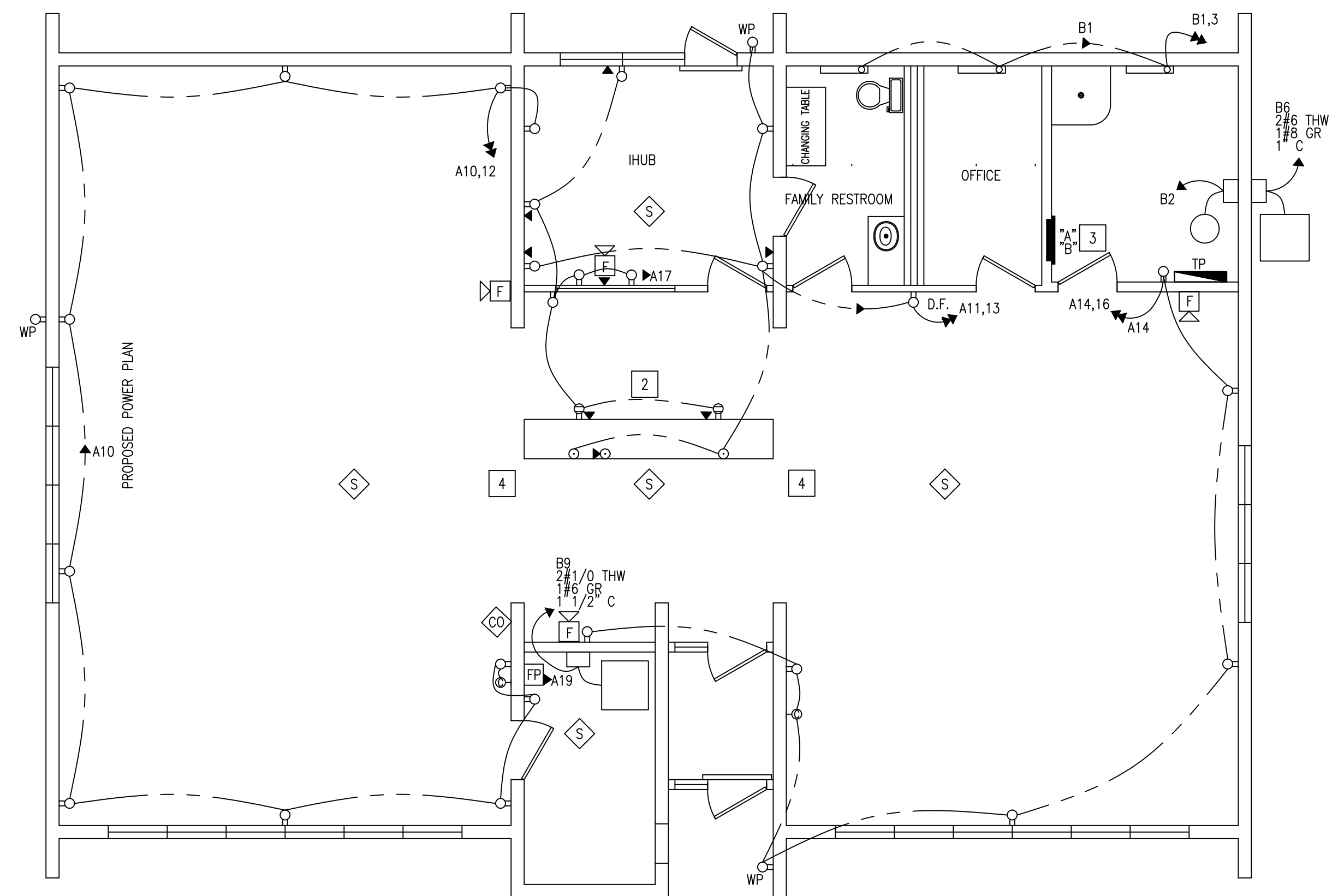
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E2 SCALE 3/16" = 1'-0"



2 REVISED GREEN RIVER LIGHTING PLAN
E2 SCALE 3/16" = 1'-0"



3 EXISTING GREEN RIVER POWER PLAN
E2 SCALE 3/16" = 1'-0"



4 REVISED GREEN RIVER POWER PLAN
E2 SCALE 3/16" = 1'-0"

General Notes

- 1 HUBBELL WALL PACK LIGHTING REPLACEMENTS
- 2 CIRCULATION DESK RECEPTACLES WILL BE COUNTER HEIGHT
- 3 CONDUIT SHALL BE RUN IN CRAWL SPACE AREA.
- 4 CEILING TILES SHALL BE REMOVED TO CONCEAL NEW LIGHTING & FIRE PROTECTION CIRCUITS
- ◇ SMOKE DETECTOR
- ◇◇ CARBON MONOXIDE DETECTOR
- ◇F HORN/STROBE
- FP FIRE PROTECTION PANEL

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Project Name and Address
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LIBRARY iHUB ADDITION

Project GREEN RIVER	Sheet E2
Date	
Scale 3/16"=1'-0"	