The project is an renovation of an existing public library. The project scope includes, but is not limited to, modifications to:

- New floor finishes,
- Painting,
- Book shelving,
- Public and staff restroom upgrades,
- Acoustical improvements in compliance with current life safety codes,
- Modifications to building systems (HVAC, electrical, lighting, telecommunications, fire sprinklers, and plumbing),
- New skylights and roof fall protection elements, with modifications to existing roofing to receive it.

The contractor will be responsible for prepping all areas for new scope of work including patching and repairing existing conditions where affected by any and all demolition work.

Refer to deferred submittals for additional requirements. Civil, fire protection, and fire alarm drawings are under separate review and approval.

Furniture and shelving (mobile and fixed) shall be acquired and installed under a separate contract. The contractor is responsible for coordinating work with the furniture and shelving contractor. Provide necessary blocking for wall-mounted shelving.

The work to be performed under this contract includes the furnishing of all labor, materials, equipment, transportation, services, permits, temporary controls, and construction facilities, and all general conditions, seismic requirements, and incidental work required to complete the work on the project in its entirety as described in the contract documents.

Exterior improvements by City of Petaluma, Public Works Dept., BLDC-2023-0085 for path of travel to main public entry, public and staff parking lots, library secondary exit and staff entrance paths will be completed under the City of Petaluma Public Works Dept. The contractor is responsible for coordinating access around the building as required.
1. UPGRADES TO EXTERIOR/PUBLIC AREAS ARE THE RESPONSIBILITY OF THE CITY OF PETALUMA.

2. THERE ARE NO PUBLIC PHONES IN THE LIBRARY.

3. TOILET ROOMS THAT SERVE AREA OF ALTERATION

CORNERS OF EAST WASHINGTON ST.

A. FRONT ENTRY BRICK WALK: REMOVAL OF EXISTING BRICK WALK AND REPLACEMENT WITH CONCRETE. A SLOPE ADJUSTMENTS TO MEET ACCESSIBILITY REQUIREMENTS.

B. STAFF PARKING LOT: ADD ACCESSIBLE PARKING REQUIREMENTS.

C. FRONT DRIVE: RESURFACING OF PAVEMENT AND REPLACEMENT WITH CONCRETE. A SLOPE ADJUSTMENTS TO MEET ACCESSIBILITY REQUIREMENTS.

D. THE CITY OF PETALUMA HAS PROJECTS PLANNED FOR THE CITY OF PETALUMA HAS PROJECTS PLANNED FOR THE FAIL IN THE PUBLIC PERMIT APPLICATION.

NOTE:

- ADDITION OF ACCESSIBLE RAMPS AT CROSSWALK AND WITH SLOPE AND WIDTH. ADDITIONAL WALK FROM THE CITY OF PETALUMA HAS PROJECTS PLANNED FOR THE FAIL IN THE PUBLIC PERMIT APPLICATION.

- ACCESSIBLE PATH OF TRAVEL AND PARKING LOT TO BE COMPLETED WITH SLOPE AND WIDTH. ADDITIONAL WALK FROM THE CITY OF PETALUMA HAS PROJECTS PLANNED FOR THE FAIL IN THE PUBLIC PERMIT APPLICATION.

- CARPET REPLACEMENT WITH SLOPE AND WIDTH. ADDITIONAL WALK FROM THE CITY OF PETALUMA HAS PROJECTS PLANNED FOR THE FAIL IN THE PUBLIC PERMIT APPLICATION.

- STAFF PARKING LOT: ADD ACCESSIBLE PARKING REQUIREMENTS.

- FRONT DRIVE: RESURFACING OF PAVEMENT AND REPLACEMENT WITH CONCRETE. A SLOPE ADJUSTMENTS TO MEET ACCESSIBILITY REQUIREMENTS.

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- ADDITION OF ACCESSIBLE RAMPS AT CROSSWALK AND WITH SLOPE AND WIDTH. ADDITIONAL WALK FROM THE
<table>
<thead>
<tr>
<th>Name</th>
<th>OCC Group Description</th>
<th>Area</th>
<th>OCC Load Factor</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
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<td>A-3R</td>
<td>50</td>
<td>22</td>
<td>150'</td>
</tr>
<tr>
<td>BUSINESS</td>
<td>B</td>
<td>314</td>
<td>22</td>
<td>150'</td>
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<td>19</td>
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<td>100'</td>
</tr>
<tr>
<td>READING</td>
<td>A-3R</td>
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<td>270</td>
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</tr>
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<td>A-3</td>
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<td>284</td>
<td>300'</td>
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<td>7</td>
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<tr>
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<td>7</td>
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<tr>
<td>DINING</td>
<td></td>
<td>300</td>
<td>24</td>
<td>150'</td>
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</tbody>
</table>

**Code Summary**

**Occupancy Type**

- Assembly (Concentrated): CF
- Assembly (Concentrated): CF
- Assembly (Concentrated): CF
- Library (Concentrated): CF
- Library (Concentrated): CF
- Business: CF

**Area Summary**

- Existing Building Area: 25,947 SF - Mezzanine (1,959 SF) = 22,863 SF

**Construction Type**

- Type V-B

**Occupancy**

- Owner: City of Petaluma, Dept of Facilities and Services

**Floor 1 Occupancy / Exiting**

- Exit A: Existing 72" door > Exit 280 x 0.2 = 56" in
- Exit B: Existing 36" CLR > Exit 108 x 0.2 = 22" in
- Exit C: Existing 36" CLR > Exit 125 x 0.2 = 24" in
- Exit E: Existing 36" CLR > Exit 10 x 0.2 = 2" in

**Egress Capacity Factor**

- 0.2 in/Occ, each exit 10 x 0.2 = 2 in

**Minimum Fire Doors/Sprinklers**

- Building Exit A: Overall fire doors sprinklers
- Building Exit B: Overall fire doors sprinklers
- Building Exit C: Overall fire doors sprinklers
- Building Exit E: Overall fire doors sprinklers

**Parking**

- No new additional parking proposed as part of this renovation/refresh project.
PETALUMA REGIONAL LIBRARY REFRESH
FIRE SUPPLY UPGRADE
PETALUMA, CALIFORNIA

GENERAL NOTES

1. WORK DESCRIBED UNDER THIS CONTRACT IS SUBJECT TO THE SPECIFICATIONS OF THE PETALUMA REGIONAL LIBRARY REFRESH FIRE SUPPLY UPGRADE CONTRACT.

2. ALL CONTRACTOR’S WORKSHOPS, EQUIPMENT, AND MACHINERY USED IN PERFORMANCE OF THIS CONTRACT SHALL BE OF REASONABLE QUALITY AND REPUTATION AND SHALL BE USED IN COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT.

3. CONTRACTOR SHALL MAINTAIN AND PROVIDE AT JOB SITE DISPOSAL OF ALL DEBRIS, EXCESS, AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES AT THE CONTRACTOR’S EXPENSE.

4. PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL VERIFY ALL INTERFACES BETWEEN EXISTING AND NEW CONSTRUCTION.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL CONTRACT DOCUMENTS PRIOR TO THE START OF CONSTRUCTION.

6. SECTIONS OF THE DRAWING TITLE BLOCK WHICH STATE THAT FURTHER REVISIONS MAY BE ISSUED TO THE JOB SITE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE JOB SITE CONTRACTOR PRIOR TO THEIR ISSUANCE.

7. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE PROVIDED, CONTRACTOR SHALL BUILD IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

8. ALL CONTRACTORS SHALL HOLD HARMLESS THE OWNER AND ITS AGENT AND REPRERSENTATIVES FROM ANY AND ALL CLAIMS, DEMANDS, LOSS, DAMAGES, OR SUITS ResultING FROM HIS CONSTRUCTION OPERATIONS.

9. PRIOR TO ANY WORK IN UNDERGROUND UTILITY CONSTRUCTION, THE CONTRACTOR MUST PROVIDE A FIRE WATER СONNECTION TO THE PETALUMA FIRE DEPARTMENT IMMEDIATELY.

10. CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER IF ANY PROPOSED IMPROVEMENTS ARE NOT CONSISTENT WITH THE STANDARDS.

11. TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST "MANUAL OF TRAFFIC CONTROLS" OF THE AMERICAN PUBLIC WORKS ASSOCIATION.

12. THE CONTRACTOR SHALL PROTECT ALL EXISTING SERVICE ENTRANCES AND WATER VALVES FROM DAMAGE DURING CONSTRUCTION OPERATIONS.

13. THE CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER OF ANY CONFLICTS WITH THE CONTRACT DOCUMENTS.

14. PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL VERIFY ALL INTERFACES BETWEEN EXISTING AND NEW CONSTRUCTION.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL CONTRACT DOCUMENTS PRIOR TO THE START OF CONSTRUCTION.

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50. PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL VERIFY ALL INTERFACES BETWEEN EXISTING AND NEW CONSTRUCTION.

51. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL CONTRACT DOCUMENTS PRIOR TO THE START OF CONSTRUCTION.
GENERAL NOTES

1. EXISTING TPO ROOFING TO REMAIN. CONTRACTOR TO COORDINATE ROOFING MODIFICATIONS WITH EXISTING MANUFACTURER TO MAINTAIN EXISTING MANUFACTURER'S ROOF WARRANTY. VERIFY WITH OWNER OF THE BUILDING OR OWNER REPRESENTATIVE.

2. NO SCOPE OF WORK ASSOCIATED WITH EXISTING ROOF ACCESS HATCH OR ROOF LADDER.

3. WHERE EXISTING BIRD NETTING OCCURS, REMOVE/REPLACE AS REQUIRED AS AFFECTED BY NEW SCOPE (DEDUCT ALTERNATE #1)

4. RELOCATE EXISTING ROOFTOP ROOFJACKS AND EXHAUST FAN AS REQUIRED FOR SKYLIGHT INSTALLATION. (DEDUCT ALTERNATE #1)

5. PROVIDE ROOF CANT AROUND SKYLIGHT SLOPED 1/4"/FT TOWARDS EXISTING ROOF DRAINS. (DEDUCT ALTERNATE #1)

6. EXISTING COPPER ROOF TO REMAIN

7. EXISTING MECHANICAL WELL TO REMAIN. EXISTING ROOFTOP UNITS AND DUCTWORK NOT SHOWN.

8. REMOVE EXISTING ROOFTOP WALKPAD AS REQUIRED FOR NEW SKYLIGHTS

9. REMOVE EXISTING ROOFING AS REQUIRED FOR NEW GUARDRAILS AND BASEPLATES. PREP FOR NEW WORK.

KEYNOTE LEGEND

- EXISTING TPO ROOFING (BY CITY OF PETALUMA - UNDER RE-ROOFING PROJECT)
- EXISTING COPPER ROOF, TO REMAIN
- REMOVE PORTION OF ROOFING AS REQUIRED FOR SKYLIGHT CURB AND FOR OVERLAP OF EXISTING AND NEW ROOF MEMBRANE. SSD FOR EXTENT OF FRAMING WORK
- REMOVE EXISTING ROOFTOP WALKPAD AS REQUIRED FOR NEW SKYLIGHTS
- REMOVE EXISTING ROOFING AS REQUIRED FOR NEW GUARDRAILS AND BASEPLATES. PREP FOR NEW WORK.
GENERAL NOTES

1. THE EXISTING CEILING TO REMAIN UNTIL REMOVED, EXCEPT WHERE REFLECTED PLAN (DEMO) SPECIFIES REMOVAL, OR STRUCTURAL WORK, OR FIRE PROTECTION, STRUCTURAL, MECHANICAL AND ELECTRICAL WORK.

2. WHERE OCCURS OVER EXISTING FRAMING, REMOVE EXISTING GYP BD OVER EXISTING JOIST FRAMING. EXISTING JOIST FRAMING TO REMAIN.

3. COORDINATE WITH OTHER TRADES FOR EXTENT OF WORK, IT SHALL BE REPLACED TO EXISTING SUSPENSION. WHERE APPROPRIATE, MECHANICAL/ ELECTRICAL OR EXISTING SUSPENSION, SEE KEYNOTES

4. EXISTING LIGHT FIXTURES TO REMAIN UNTIL REMOVED, OR STRUCTURAL WORK.

5. CONTRACTOR RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING SYSTEM, MAINTAIN EXISTING SUSPENSION. WHERE EXISTING MECHANICAL DUCTWORK, TO REMAIN. PAINT (E) EXPOSED TO REMAIN.

6. REMOVE AND SALVAGE T&G FINISH FOR USE IN COMMUNITY ROOM, SED AND/OR UPGRADED TO MEET CURRENT CODE.

ADULT AREA

26-10 (ADD ALTERNATE #3) - REMOVE AND REPLACE LIGHT FIXTURES AND TIE-BEAM CONNECTING TO LUMINOUS CEILING WOOD MEMBERS. SMD FOR MECHANICAL DIFFUSERS.

BERKELEY MEETING

100 FAIRGROUNDS DRIVE

PETALUMA, CA 94952

10-19 11/20/2023

RCP 21824

SONOMA COUNTY
REGIONAL LIBRARY
RENOVATION
PROJECT NO. 10-19

165 PARKPLAZA DRIVE
PETALUMA, CALIFORNIA

PERMIT SET

DEMO RCP LEGEND

Existing Tag Rm

Existing Tag Rem

Remove and Salvage Tag

Remove Lighting Fixtures and Demolish Tag

Remove Existing GYP BD

Remove Existing Material for Demolition Plan - RCP

EXISTING LEGEND

01 - REFLECTED CEILING PLAN (DEMO)

A1.41
GENERAL NOTES

1. SEE G SERIES FOR CODE AND ACCESSIBILITY REQUIREMENTS, BUILDING, ELECTRICAL, PLUMBING AND LV DWG.
2. PROVIDE HOME HARDWARE AND SPECIFICATIONS TO BE COMPLETED IN SHOP DRAWINGS.
3. REFER TO FIRE SPRINKLER AND STRUCTURAL DWGS FOR SCOPE OF WORK.
4. REFER TO A9.41 FOR SHELVING PLAN. (BY SHELVING CONTRACTOR)
5. REFER TO A9.51 FOR FURNITURE PLAN (BY FURNITURE CONTRACTOR)
6. REFER TO A9.72 FOR BOOKSTORE PLAN (BY BOOKSTORE CONTRACTOR)
7. REFER TO A9.24 FOR SIGNAGE PLAN

Legend

- VALUE WORK
- REMAINING PURCHASABLE
- CONTRACTOR TO INSTALL
- EXISTING WALL
- CUSTOM STORAGE BINS WITH BENCH SEAT
- CUSTOM STORAGE RACK
- CUSTOM RECONSTRUCTION
- DEMOLITION
- EXISTING HARDWARE
- WINDOW / DOOR
- EXISTING MATERIAL
- EXISTING CONTENT
- EXISTING STORAGE
- EXISTING BOOKS
- EXISTING SIGNAGE

03-01 WHERE TRENCHING FOR POWER AND DATA OCCURS, PROVIDE FOR EXTENSION OF POWER AND DATA FROM EXISTING FLUSH DUCT TO NEW LOCATIONS.

SIGNAGE

113A
BOOKDROP
_______
101B
(E) DOOR
32-01
_______
06-05 CUSTOM STORAGE BINS WITH BENCH SEAT
7.5
TRADE TO AVOID CONFLICT. FINAL APPEARANCE OF WALLS TO MATCH EXISTING ADJACENT.

3. PATCH AND REPAIR ALL (E) CONCRETE SLAB ALL LOCATIONS WHERE DEMOLITION OCCURS TO PROVIDE SMOOTH SURFACES FOR FLOOR FINISHES.

CASEWORK AND ACCESSORIES AS REQUIRED TO SUPPORT WEIGHT. REPLACE EXISTING FINISHES IN KIND OR SALVAGE EXISTING T&G SIDING FOR RE-INSTALLATION.

SIGNAGE, REFER TO A9.24

114
5. REFER TO FIRE SPRINKLER AND STRUCTURAL DWGS FOR SCOPE OF WORK.

FD

A8.72
ROOM
A
- NON ACS

103
STAFF

12-01
09-07
TYP

12-02 (BY FURNITURE CONTRACTOR) - PROVIDE MEETING POD - 4 PERSONS

122A
ROOM A

113
SIGNAGE

_______
106A
1
118
_______
107
1
118A
FREE STANDING UNITS FOR INSTALLATION AT STAFF AND FRIENDS OF LIBRARY AREA. FIELD VERIFY EXISTING INVENTORY FOR REUSE. CONFIRM FINAL LOCATION WITH LIBRARY.

1. FLOOR PLANS FOR ORIENTATION ONLY. ALL SIGN LOCATIONS GENERAL IN NATURE. FINAL LOCATIONS TO BE DETERMINED IN SHOP DRAWINGS AND COORDINATED WITH ARCHITECT AND SONOMA COUNTY LIBRARY PRIOR TO FABRICATION.

2. REFER TO FIRE SPRINKLER AND STRUCTURAL DWGS FOR SCOPE OF WORK.

3. PATCH AS REQUIRED WITH FLOOR LEVELING COMPOUND. SED FOR LOCATION. COORDINATE FINAL LOCATION WITH FURNITURE PLAN, ARCHITECT AND LIBRARY REP TO AVOID CONFLICT. FINAL APPEARANCE OF WALLS TO MATCH EXISTING ADJACENT.
1. REFER TO SHEET A2.41 FOR GENERAL NOTES, KEYNOTE LEGEND AND RCP LEGEND.
2. THIS IS AN ALTERNATE REFLECTED CEILING PLAN FOR DEDUCT ALTERNATE #1.
3. THE AREA OF (4) SKYLIGHTS AND ASSOCIATED WORK. ALL OTHER AREAS DRAWINGS FOR REVISIONS ASSOCIATED WITH DEDUCT ALTERNATE #1.

GENERAL NOTES

A2.42A

PETALUMA, CA 94952

729 Heinz Avenue

fax 510.542.2201
tel 510.542.2200

PERMIT SET

SONOMA COUNTY
PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

100 FAIRGROUNDS DRIVE
RENOVATION
SONOMA COUNTY

PROJECT TITLE

N&T JOB NUMBER

APPROVALS

# DATE DESCRIPTION

2 4/25/2024 RESUBMITTAL

SHEET NUMBER

REVISIONS

1 11/20/2023

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REN.
CHRISTOPHER NOLL
No. C15916

GWB

TYP

A3.21

09-09

09-09

1

09-20

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09-20

09-20

09-20

09-20

TYP

A3.22

09-20

09-20

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TYP

A3.22

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09-20
PROJECT NOTES
1. Being Public and Accessible Toilet Room Part of Original 1974 Building and Rented Space, Rented Space. This is Why Modifications Cannot Be Made.
2. Due to Shared Space, Rented Space. Modifications Cannot Be Made.
3. The Existing Restrooms are Rented Space.
4. The Existing Restrooms are Rented Space.
5. The Existing Restrooms are Rented Space.
6. The Existing Restrooms are Rented Space.
7. The Existing Restrooms are Rented Space.
8. The Existing Restrooms are Rented Space.
9. The Existing Restrooms are Rented Space.
10. The Existing Restrooms are Rented Space.
11. The Existing Restrooms are Rented Space.
12. The Existing Restrooms are Rented Space.

GENERAL NOTES
1. For Accessible Toilet Room Accessible Restroom Room Used.
2. For Accessible Toilet Room Accessible Restroom Room Used.
3. For Accessible Toilet Room Accessible Restroom Room Used.
4. For Accessible Toilet Room Accessible Restroom Room Used.
5. For Accessible Toilet Room Accessible Restroom Room Used.
6. For Accessible Toilet Room Accessible Restroom Room Used.
7. For Accessible Toilet Room Accessible Restroom Room Used.
8. For Accessible Toilet Room Accessible Restroom Room Used.
9. For Accessible Toilet Room Accessible Restroom Room Used.
10. For Accessible Toilet Room Accessible Restroom Room Used.
11. For Accessible Toilet Room Accessible Restroom Room Used.
12. For Accessible Toilet Room Accessible Restroom Room Used.

KEYNOTE LEGEND
- RESTROOM - DEMO
- RESTROOM
- DEMO RESTROOM
- ENLARGED PUBLIC RESTROOMS
- ENLARGED PUBLIC RESTROOMS
- ENLARGED RESTROOM - 106 & 107 - CHILDREN AREA
- ENLARGED RESTROOM - 106 & 107 - CHILDREN AREA
- STAFF RESTROOMS - 115 & 116
- STAFF RESTROOM - 115 & 116 (DEMO)
1. REFER TO INTERIOR FINISH SCHEDULE, A2.41, AND A9.11 FOR FLOOR, WALL AND CEILING FINISHES

2. REFER TO ELECTRICAL AND TECHNOLOGY FOR MORE INFORMATION AND LOCATIONS OF SWITCHES, RECEPTACLES, AND DATA OUTLETS. COORDINATE ROUTING OF EXPOSED RACEWAYS (WHERE OCCURS) AND FINAL LOCATIONS OF DEVICES WITH ARCHITECT AND LIBRARY PRIOR TO INSTALLATION. ALIGN DEVICES, WHENEVER POSSIBLE, WITH ADJACENT DEVICES. NOTIFY ARCHITECT OF ANY CONFLICT AND FOR ANY CLARIFICATIONS OF LOCATION PRIOR TO INSTALLATION.
GENERAL NOTES

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3. PROVIDE FRAMELESS GLAZED SYSTEM WITH DOUBLE DOORS

4. PAINT EXISTING GYP BD SURFACES & CEILINGS GYP BD- WHERE OCCURS

5. SURFACE MOUNT UPLIGHT FIXTURE, SED

6. PENDANT LIGHT FIXTURE, SED

7. LARGE SCALE PENDANT LIGHT FIXTURE, SED

8. PROVIDE GLAZED SYSTEM WITH FRAMELESS GLAZED SYSTEM WITH DOUBLE DOORS

9. PAINT EXISTING GYP BD SURFACES & CEILINGS GYP BD- WHERE OCCURS

10. SURFACE MOUNT UPLIGHT FIXTURE, SED

11. PENDANT LIGHT FIXTURE, SED

12. LARGE SCALE PENDANT LIGHT FIXTURE, SED
GENERAL NOTES

1. REFER TO INTERIOR FINISH SCHEDULE, A2.41, AND A9.11 FOR FLOOR, WALL AND CEILING FINISHES

2. REFER TO ELECTRICAL AND TECHNOLOGY FOR MORE INFORMATION AND LOCATIONS OF SWITCHES, RECEPTACLES, AND DATA OUTLETS. COORDINATE ROUTING OF EXPOSED RACEWAYS (WHERE OCCURS) AND FINAL LOCATIONS OF DEVICES WITH ARCHITECT AND LIBRARY PRIOR TO INSTALLATION. ALSO COORDINATE, WHEREVER POSSIBLE, WITH THE HVAC DEVICES IN ARBITRARY ORDER OF ANY CONFLICTS AND FOR ANY INSTRUCTIONS OF LOCATION PRIOR TO INSTALLATION.

KEYNOTE LEGEND

Value
Description

09-09 PROVIDE WALL MOUNTED 2" THK ACOUSTICAL PANELS, EXTRUDED POLYESTER, FROM TOP OF (E)BEAM TO UNDERSIDE OF (E) T&G CEILING.

09-13 PAINT EXISTING  GYP BD SURFACES & CEILINGS GYP BD- WHERE OCCURS

23-03 EXISTING MECHANICAL DUCTWORK, TO REMAIN. PAINT (E) EXPOSED DUCTWORK

26-06 SURFACE MOUNT UPLIGHT FIXTURE, SED

26-07 PENDANT LIGHT FIXTURE, SED

26-08 LARGE SCALE PENDANT LIGHT FIXTURE, SED

3. ADULT - W

4. ADULT - E

5. ADULT - N

6. ADULT - S

7. ADULT - W

8. ADULT - E

9. ADULT - N

10. ADULT - S

CHRISTOPHER NOLL
No. C15916

12-31-21

12-31-23

11/27/2023

11/27/2023

12-31-25

12-31-25

SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

101 FAIRGROUNDS DRIVE PETALUMA, CA 94952

PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

729 Heinz Avenue
Berkeley, CA 94710
tel 510.542.2200
fax 510.542.2201

1/4" = 1'-0"
GENERAL NOTES

1. REFER TO INTERIOR FINISH SCHEDULE, A2.41, AND A9.11 FOR FLOOR, WALL AND CEILING FINISHES

2. REFER TO ELECTRICAL AND TECHNOLOGY FOR MORE INFORMATION AND LOCATIONS OF SWITCHES, RECEPTACLES, AND DATA OUTLETS. COORDINATE ROUTING OF EXPOSED RACEWAYS (WHERE OCCURS) AND FINAL LOCATIONS OF DEVICES WITH ARCHITECT AND LIBRARY PRIOR TO INSTALLATION. ALIGN DEVICES, WHENEVER POSSIBLE, WITH ADJACENT DEVICES. NOTIFY ARCHITECT OF ANY CONFLICT AND FOR ANY CLARIFICATIONS OF LOCATION PRIOR TO INSTALLATION.

ADULT AREA - TOWARDS MEZZANINE

TEEN-ADULT, TOWARDS SERVICE DESK

4.7
STRUT CONNECTION - SAWN TIMBER W/ GYP BD

NOTES:
1. WEB OF CHANNEL TO BEAR WITHIN WIDTH OF WOOD MEMBER.
2. FOR ANGLE ORIENTED IN THE STANDARD POSITION, VERTICAL LEG TO FALL WITHIN THE LIMIT OF STRUCTURE OR RAFTER. PLACE TIGHT TO CLIP SEE NOTE 2.
3. PEN = MINIMUM PENETRATION OF LAG SCREW THREADS INTO THE WOOD MEMBER.
4. NO. 14 WOOD SCREW MAY BE USED IN LIEU OF 1/4" LAG SCREW.

WOOD JOIST OR CHANNEL:
1/4" DIA. LAG SCREW W/ 1/2" 10 GA CLIP: L1-1/2"x1-1/2" MIN. TYP.

OPTION 1
CHANNEL, STRUT: CHANNEL OR EMT STRUT:
1" DIAMETER EMT (0.057" WALL THICKNESS)
6'-10" TO 12'-9"
10'-10" TO 18'-10"
250S125 - 33
362S137 - 33
250S137 - 43
400S137 - 43

OPTION 2
CHANNEL, STRUT: CHANNEL OR EMT STRUT:
1-1/4" DIAMETER EMT (0.065" WALL THICKNESS)
9'-0" TO 12'-9"
14'-9" TO 16'-9"
362S137 - 33
250S125 - 33
250S137 - 43
400S137 - 43

OPTION 3
CHANNEL, STRUT: CHANNEL OR EMT STRUT:
1-1/2" DIAMETER EMT (0.065" WALL THICKNESS)
8'-0" TO 12'-9"
10'-10" TO 14'-9"
362S137 - 33
250S125 - 33
250S137 - 43
400S137 - 43

WOOD JOIST OR CHANNEL:
1/4" DIA. LAG SCREW (CHANNEL SHOWN) COMPRESSION STRUT

OPTION 1 OR 2
CHANNEL DETAIL OR I-JOIST PER CHANNEL OPTION 2 FASTEN STRUT TO 2x4 IN LIEU OF JOIST PER OPTION 2.

WOOD JOIST OR CHANNEL:
1/4" DIA. LAG SCREW, TYP.

OPTION 1
CHANNEL, STRUT: CHANNEL OR EMT STRUT:
1-1/2"x1-1/2" MIN. TYP. EA. I-JOIST
1-1/2" PEN. TYP.

OPTION 2
CHANNEL, STRUT: CHANNEL OR EMT STRUT:
1-1/2"x1-1/2" MIN. TYP. EA. I-JOIST
1/2" PEN.

OPTION 3
CHANNEL, STRUT: CHANNEL OR EMT STRUT:
1/2" PEN. TYP.

WOOD JOIST OR CHANNEL:
1/4" DIA. CLOSED END EYE SCREW TYP.

CHANNEL, STRUT: CHANNEL OR EMT STRUT:
(SEE NOTE 1)
(SEE NOTE 2)
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<td>- SEE NOTE 3</td>
<td>(E)</td>
<td>(E)</td>
<td>- DOOR LEVER</td>
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</table>

**NOTE:**
1. FINISH OF DOORS AT UNISEX RESTROOMS TO MATCH (E)
2. WHERE DOORS ARE REMOVED BUT FRAME TO REMAIN, INFILL HOLES WITH WOOD FILLER AND REFINISH BREAKAWAY
3. DOORS NOTED WITH '(E)PH' HAVE EXISTING PANIC HARDWARE OR EXIT DEVICE HARDWARE. NO HARDWARE OR DOOR WORK.

**DOOR TYPE LEGEND**
- **DOOR HEAD, TYP**
- **DOOR JAMB, TYP**
- **ALL GLASS STOREFRONT HEAD, BILL**
- **ALL GLASS STOREFRONT Door Head, Bill**

**PROJECT TITLE**
SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION
PROJECT NO. 10-19
100 FAIRGROUNDS DRIVE PETALUMA, CA 94952

**ISSUE DATE**
1/24/2024

**DESCRIPTION**
- WALL TRIM, WHERE AFFECTED BY WORK, REPLACE IN KIND.
- CEILING TRIM - (E) PROFILE WHERE POSSIBLE
- 1X8 TRIM - VIF. MATCH (E) PROFILE ON INTERIOR SIDE
- 1X2 CASING TRIM - VIF. MATCH (E) PROFILE ON INTERIOR SIDE
- 3/4" DIA. SCREW ANCHOR @ 12" O.C. OR PER MANUFACTURER'S RECOMMENDATION. DO NOT CUT (E) REBAR DURING DRILLING
- 1/2" TEMPERED GLASS CHANNEL SILL OF ALL-GLASS SYSTEM
- 1/2" TEMPERED GLASS OF ROOM
- CLEAR FINISH WOOD DOOR FRAME, MATCH (E) PROFILE, CLEAR FINISH
- 1/24" WOOD SCREW @ 12" O.C. PER METAL CHANNEL, 1-1/2" PENETRATION OR PER MANUFACTURER'S RECOMMENDATION
- 3" = 1'-0"

**APPROVALS**
- (E) WOOD TRIM, WHERE
- WALL FINISH PER INTERIOR ELEVATION
- (E) WOOD TRIM, WHERE AFFECTED BY WORK, REPLACE IN KIND.
- GYP BD OVER METAL SUSPENSION SYSTEM
- (E) GLULAM BEAM MEZZANINE
- (E) GLULAM BEAM
- 1X2 CASING TRIM - VIF. MATCH (E) PROFILE, CLEAR FINISH
- 1X8 TRIM - VIF. MATCH (E) PROFILE
- 1/2" TEMPERED GLASS
- 3" = 1'-0"
- (E) CONCRETE
- 3" = 1'-0"
- 3" = 1'-0"
- 3" = 1'-0"
- 3" = 1'-0"
PROTECT ENERGY FLUES OF INTERIOR MULLIONS OR WINDOW FRAME WITH 12" X 12" MULLION BLOCKS, DRY PACKS WITH TEK SCREW TO CHANNEL. 1/8" SUB-STRATE THROUGH MULLIONS TO BE EMBEDDED IN 1 1/2" GLUE PRODUCTS OR 505 OR 502 SURFACE MOUNT Adhesive. 8" PARKING SPACE PROVISIONED IN CORNER OF WALKWAY/ENTRY.

STORAGE BIN - ELEVATION

LOW HEIGHT PARTITION PLAN CORNER DTL

STORYTIME ROLLING BIN - PLAN

LOW HEIGHT PARTITION SECTION DTL

LOW HEIGHT PARTITION PLAN DTL

STORYTIME ROLLING BIN - PLAN
ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.

SIDING FOR RE-INSTALLATION.

3. WHERE REQUIRED BEHIND EXISTING T&G SIDING, REMOVE & SALVAGE SIDING FOR RE-INSTALLATION.

1. USE FOR GRAB BARS, TOILET PARTITIONS, FIXTURES AND OTHER MISC ITEMS NOT EXCEEDING MAX. WT. 50 LBS/LF.

NOTES:

A8.72

1. USE FOR GRAB BARS, TOILET PARTITIONS, FIXTURES AND OTHER MISC ITEMS NOT EXCEEDING MAX. WT. 50 LBS/LF.

NOTES:

A8.72

BACKING - WOOD TYPE 1 - MAX 50 LBS/LF LOAD

1. USE FOR GRAB BARS, TOILET PARTITIONS, FIXTURES AND OTHER MISC ITEMS NOT EXCEEDING MAX. WT. 50 LBS/LF.

NOTES:

A8.72

BACKING - WOOD TYPE 3 - MAX 300 LBS/LF LOAD

NOTES:

A8.72

BACKING - WOOD TYPE 2 - MAX 200 LBS/LF LOAD

NOTES:

A8.72

COUNTER TOP

DRINKING FOUNTAIN

VERTICAL DIVIDER PANEL AT COUNTER

TYPICAL COUNTER TOP EDGES (GENERAL)
### SECTION 10 21 13 - TOILET COMPARTMENTS

**MANUFACTURER:** BOBRICK

**STYLE:** DURALINE SERIES CGL, EXTENDED PRIVACY

**FINISH:** WILSONART, HIGH RISE

### CEILING

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<tr>
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<th>Name</th>
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### FINISH SCHEDULE LEGEND

- **AP** - ALL EXISTING ACCEPTABLE
- **FP** - PLYWOOD SHEET 20 GAUGE THICKNESS 0.020
- **PL** - PLYWOOD SHEET 16 GAUGE THICKNESS 0.016
- **KF** - PLYWOOD SHEET FLAT 0.125
- **IB** - INTERIOR BASEMENT
- **WB** - WOOD BASE, 3" HIGH, FIT HEIGHT - WOOD SPECIES AND FINISH TO MATCH EXISTING
- **FF** - PORCELAIN FLOOR TILE - SEE SPEC SECTION
- **WT** - CERAMIC WALL TILES - SEE SPEC SECTION
- **WB** - WOOD BASE, 3" HIGH, FIT HEIGHT - WOOD SPECIES AND FINISH TO MATCH EXISTING
- **TT** - CERAMIC WALL TILES 3X6 - SEE SPEC SECTION
- **CP** - CERAMIC PANEL - SEE SPEC SECTION
- **CT** - CEMENT BOARD PANEL - SEE SPEC SECTION
- **SI** - SHEET METAL PANEL - SEE SPEC SECTION
- **P2** - SEMI-GLOSS - ABOVE CERAMIC TILE WAINSCOT AT RESTROOM
- **P1** - EGGSHELL - AT GYPSUM BD WALL - KELLY MOORE, CLOUD WHITE

**NOTES:**

1. FINISH SCHEDULES CONFLICT WITH DRAWING SHEET A9-07. ADD SHEET A9-07 TO FINISH SCHEDULE.
2. WHERE EXISTING CONSTRUCTION IS IMPACTED BY NEW WORK, REPLACE THE EXISTING CONSTRUCTION WITH NEW FINISHINGS.
3. WHERE REPAIRS ARE MADE, REPLACE THE EXISTING CONSTRUCTION WITH NEW FINISHINGS.
4. WHERE EXISTING CONSTRUCTION IS IMPACTED BY NEW WORK, REPLACE THE EXISTING CONSTRUCTION WITH NEW FINISHINGS.
5. WHERE REPAIRS ARE MADE, REPLACE THE EXISTING CONSTRUCTION WITH NEW FINISHINGS.
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL.
3. RAISED CHARACTERS: ALL TACTILE SIGNS (SIGNS WHICH INCLUDE BRAILLE) SHALL HAVE THE SIGN MESSAGE VARIANTS.

1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
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1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
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GENERAL NOTES
1. FURNITURE PLAN PROVIDED FOR REFERENCE ONLY. FURNITURE BY FURNITURE CONTRACTOR.
2. ACCESSIBLE SEATING CLEARANCES NOTED FOR REFERENCE ONLY. WORK SURFACES TO BE ACCESSIBLE.

PER CBC 11B-802.1.2 & 11B-802.1.3

PROJECT TITLE
SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19
100 FAIRGROUNDS DRIVE PETALUMA, CA 94952

FURNITURE PLAN- 1ST FLOOR

SHEET NUMBER
A9.51

APPROVALS

1/8" = 1'-0"
**DESIGN CRITERIA**

**FLOOR LIVE LOAD:**

**ROOF LIVE LOAD:**

**RISK CATEGORY:**

2022 CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2 (CBC)

---

**GENERAL NOTES**

- **STRUCTURAL WOOD FRAMING.**
  - **ACCORDANCE WITH ADDITIONAL MANUFACTURER'S INSTRUCTIONS THAT CONFORM TO THE INCORPORATED DRAWINGS.**
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**WOOD FRAMING NOTES**

- **ALL HORIZONTAL AND VERTICAL LOADS SHALL BE DEDUCT ALTERNATES.**
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**SPECIAL INSPECTION BY OWNERS TESTING AGENCY**

- **SPECIFIED AND TECHNICAL DATA, AS REPORTED TO THE ARCHITECT/ENGINEER FOR THE FOLLOWING ITEMS, UNLESS NOTED OTHERWISE:**
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**CONCRETE CONSTRUCTION**

- **CONCRETE IS TO BE USED IN REINFORCED CONCRETE AND MEET THE FOLLOWING SPECIFICATIONS:**
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**EXISTING CONSTRUCTION NOTES**

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ADHESIVE ANCHOR IN CONCRETE

2. NEW PIPE AT EXISTING SLAB

1. NOTES:

- VAPOR BARRIER WHEN SAWCUTTING
- NOTE: TAKE CARE NOT TO CUT (E)
- DRIVE INTO 3/4" HOLE

32" OC STGR DRILL &
DO NOT OVERCUT
BREAK OUT CONC,
SAW CUT (E) SLAB &
CONC INFILL

4. INSTALL ADHESIVE ANCHORS PER MANUFACTURER'S INFORMATION AND ICC REPORTS.

5. SPECIFY TEST LOADS ON DRAWINGS.

6. TYPICAL CONCRETE

- MIN CONC
- MAXIMUM
- MINIMUM
- THRD
- ROD

7. SHEET NUMBER

- S1.1

8. SHEET TITLE

- TYPICAL DETAILS

9. PERMIT SET

- S1.1

10. PROJECT TITLE

- SONOMA COUNTY REGIONAL LIBRARY RENOVATION
- PROJECT NO. 10-19
- 163 PARRENS DR
- PETALUMA, CA

11. TYPICAL CONCRETE

- MIN CONC
- MAXIMUM
- MINIMUM
- THRD
- ROD

12. MATERIALS

- Epoxy Injection
- Epoxy Adhesive

13. CONTRACTOR TO VERIFY MINIMUM EDGE DISTANCES, SPACING, AND THICKNESS.

14. THE SPECIAL INSPECTOR MUST BE ON THE JOB SITE PERIODICALLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE CLEANLINESS, EMBEDMENT DEPTH, CONCRETE TYPE, REINFORCEMENT AND THE DRILLED-IN ANCHOR.

15. FILL ABANDONED HOLES W/ HIGH STRENGTH GROUT.

16. THE SPECIAL INSPECTOR MUST BE ON THE JOB SITE PERIODICALLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE CLEANLINESS, EMBEDMENT DEPTH, CONCRETE TYPE, REINFORCEMENT AND THE DRILLED-IN ANCHOR.

17. INSTALL SCREW ANCHORS PER MANUFACTURER'S INFORMATION AND ICC REPORTS.

18. ADHESIVE ANCHOR IN 2500 PSI MIN CONCRETE

- SCREW ANCHOR IN 2500 PSI MIN CONCRETE

19. HILTI HIT-HY 200A MAY BE USED AS WELL. IT HAS SAME DESIGN PROPERTIES, BUT CURES FASTER. MAY NOT BE APPROPRIATE FOR HIGH TEMPERATURES AND/OR DEEP EMBEDMENTS.

20. REF 60-01-03 FOR EPOXY HOLLOW SHOT.
I-JOIST WEB FILLER

RECOMMENDATIONS

1. CASE 1 APPLIES UNLESS END LENGTH (EL) IS NOTED ON PLANS. WHERE

2. MINIMUM END LENGTH FOR I-JOISTS

3/4" = 1'-0"

4. END NAIL CAPACITY AT 14 & 16 GAUGE MATERIAL IS GOVERNED BY MODE II WHICH USES GRADE 33 STEEL.

5. S1.2 STRAP

SEE PLANS FOR STRAP LENGTHS, LOCATIONS AND DETAILS, UNO.
LOCATE STRAPS OVER SHEATHING AND BLOCK UNDER STRAP W/ FLAT 2x6

CASE 1

CS16

SNUG TIGHT

(43) 10d
(33) 10d

NAILING

MIN.

TIE STRAP SCHEDULE

1/2"

3/4" OC STGR

10d @ 3" OC

10d @ 4" OC

STGR

STGR

(SEE NOTES #1 & #2)

FILL ALL NAIL HOLES

2x4 BLOCKS OF IJ

IJ BLKG

1" MIN LVL/LSL AT JOIST SB:

10d TN @ 6" OC ES

IJ BLKG

10d @ 3" OC

STGR

STGR

MIN. END

48"

32"

6490

4585

(160)

(130)

(lbs)

(lbs)

CEILING JOIST SCHEDULE

1. NEW 24" MAXIMUM OPENING IN (E) DIAPHRAGM

2. DO NOT CUT

3. DO NOT CUT

4. 4x6 W/ U HGR

5. POST TO SILL/SOLE/TOP PLATE, EACH SIDE TOE NAIL

6. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL

7. CONTINUOUS HEADER TO STUD, TOE NAIL

8. DOUBLE TOP PLATE LAP AT CORNER

9. CONTINUOUS HEADER, TWO PIECES

10. DOUBLE STUDS, FACE NAIL

11. STUD TO SOLE PLATE, TOE NAIL

12. TOP PLATE TO STUD, END NAIL

13. BRIDGING TO JOIST, TOE NAIL EACH END

14. BLOCKING BETWEEN STUDS, EACH END TOE NAILS

15. TO JOIST OR RAFTERS BEARINGS - TOE NAILS EA SIDE

16. BLOCKING BETWEEN JOISTS OR RAFTERS:

17. EIGHT (8) INCH JOISTS OR LESS

18. TRUSSES, JOISTS OR RAFTERS AT ALL BEARING POINTS

19. A35 ES

20. OPENING > 8'-0"

21. 2x BLKG

22. JOINTS, UNO

23. (2) 2x FULL HT STUD AT

24. (1) 2x FULL HT STUD TYP

25. (2) 2x CONT TOP £, UNO

26. (3) 16d

27. (3) 16d

28. (4) 8d

29. 16d @ 12" OC

30. 16d @ 12" OC

31. 1/2" 3/8"

32. 1/2" 3/8"

33. MAX SPAN

14'-0"

12'-6"

9'-0" 2x4 @ 16" OC

NOTE:

STUD TO SOLE PLATE, TOE NAIL

JST, STUD OR BLKG

1" MIN PENETRATION AT 10d

1" MIN PENETRATION AT 8d

1/2" GAP BTWN PANELS

D' MIN

D' OR D OF KNOTS IN WOOD

MAX

MIN

D'/3 MIN

L = CLEAR SPAN

D' = STUD OR PLATE WIDTH

PENSPCG

16d AT PEN

16d AT PEN

SHTG

SHTG

PENSPCG

16d AT

16d AT

PEN

16d AT

16d AT

PEN

16d AT

16d AT

PEN
LIFELINE STANCHION SEPARATION AT EXISTING TRUSS

GUARDRAIL SECTION AT MECHANICAL WELL

LIFELINE STANCHION SECTON AT NEW JOIST

LIFELINE STANCHION SECTON AT DOUBLE LVL RETROFIT

S4.2

LIFELINE STANCHION SECTON AT NEW JOIST

ALTERNATE 2

LIFELINE STANCHION SECTON AT EXISTING TRUSS

NO PERMANENT DEFORMATION IN PB.

SISTERED 4x SB W/ A35 WEB FILLER,

DESIGNED FOR AX AND ALL OTHER LIFE SAFETY EQUIPMENT CONNECTION POINTS TO UNDERSIDE OF SB (4) Ø" THRU-BOLTS BASE £1x18" SQ W/ (4) TOTAL)

3"Ø XXS PIPE MIN PER MFR SAFETY EQUIPMENT CONNeCTION POINTS (4) Ø" THRU-BOLTS BASE £1x18" SQ W/ (4) TOTAL)

MIN 9"

(E) JOIST AS (E) SHTG, TYP 1" = 1'-0" (E) TJI 2"Ø STD PIPE SLEEVE GUARDRAIL POST PER MFR CONNECTION PER MFR BASE £Ëx6" SQ W/ (4) "Ø... TRUSS

# DATE DESCRIPTION

2 4/24/24 DEDUCT ALTERNATES

ALL DETAILS ON THIS SHEET APPLICABLE TO DEDUCT ALTERNATE 2

OCCURS OF (2)

PLAN, TYP PSL PER

3 4/20/24 INTERIM

NOTED SEE FOR INFORMATION

2 4/20/24 INTERIM

NOTED SEE FOR INFORMATION

2 4/20/24 INTERIM

NOTED SEE FOR INFORMATION

S4.2
1. ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE
   APPLICABLE CODES. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES,
   VALVE ON ALL WATER SUPPLY LINES AND GAS LINES.

2. THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND
   INDICATED ON THE DRAWINGS ARE APPROXIMATE

3. WATER CONSERVATION ACT.

4. LAVATORIES IN PUBLIC RESTROOMS SHALL HAVE HOT

5. LOCATIONS OF PIPING, FIXTURES AND EQUIPMENT
   TO COORDINATE EXACT REQUIREMENTS GOVERNED BY ACTUAL JOB

6. LAVATORIES IN PUBLIC RESTROOMS SHALL HAVE HOT

7. ALL PLUMBING WORK SHALL COMPLY WITH LEAD FREE
   CODES, OR REGULATIONS.

8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL
   MAXIMUM OUTLET TEMPERATURE OF 120° F.

9. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT
   LOCATION  AND ELEVATIONS OF PLUMBING EQUIPMENT.

10. PROVIDE LOW FLOW PLUMBING FIXTURES TO MEET
    REQUIREMENTS.

11. LOCATIONS OF PIPING, FIXTURES AND EQUIPMENT
    REPRESENTABLE OF FIELD CONDITION.

12. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES,
    AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE

13. THE DRAWINGS ARE SCHEMATIC IN NATURE AND WHILE
    GUARANTEED. THE DRAWINGS ARE SCHEMATIC IN NATURE AND
    WHILE

14. PROVIDE LOW FLOW PLUMBING FIXTURES TO MEET

15. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT

16. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL
   MAXIMUM OUTLET TEMPERATURE OF 120° F.

17. PROVIDE LOW FLOW PLUMBING FIXTURES TO MEET

18. ALL PLUMBING WORK SHALL COMPLY WITH LEAD FREE
   CODES, OR REGULATIONS.
GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITION PRIOR TO STARTING NEW WORK.
CONTRACTOR TO FIELD VERIFY EXISTING CONDITION PRIOR TO STARTING NEW WORK.

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITION PRIOR TO STARTING NEW WORK.

DRAWING FILE: NAT02203zP231.dwg

LAST SAVED BY: DEILER THURSDAY, NOVEMBER 9, 2023 8:45:05 AM

PLOTTING DATE: 11/10/2023 10:26 AM

LOGIN: DAN EILER

729 Heinz Avenue
Berkeley, CA 94710
tel 510.542.2200
fax 510.542.2201
**PLUMBING FIXTURE SCHEDULE**

All traps shall be IAPMO approved. All fixture traps shall be approved by the code authority having jurisdiction.

Provide ProWrap Seamless Insulator Covers for drain and supply lines.

Provide lead-free products.

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**PLUMBING FIXTURE SCHEDULE**

<table>
<thead>
<tr>
<th>FIXTURE NUMBER</th>
<th>TYPE</th>
<th>MANUFACTURER MODEL NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>LV-1</td>
<td>DRINKING FOUNTAIN</td>
<td>ELKAY, MODEL #LZSTL8WSSP, 18 GAUGE, TYPE 304 STAINLESS STEEL, PUSH BUTTON, WITH FILTERED BI-LEVEL LZ COOLER, CHILLING CAPACITY 8.0 GPH.</td>
<td></td>
</tr>
<tr>
<td>LV-2</td>
<td>LAVATORY</td>
<td>KOHLER SCULPTED &quot;INSIGHT&quot; K-13462, WITH TEMPERATURE MIXER, AC POWERED K-13480 TRANSFORMER, 0.5 GPM. FIELD ADJUST FAUCET TO FLOW NO MORE THAN 0.20 GPM PER CYCLE.</td>
<td></td>
</tr>
<tr>
<td>WC</td>
<td>WATER CLOSET</td>
<td>KOHLER SOHO K-2084-NR, 20&quot; x 18&quot;, VITREOUS CHINA, WHITE, SINGLE HOLE, WITH SEALED OVERFLOW. INSTALL @ 18&quot; AFF.</td>
<td></td>
</tr>
</tbody>
</table>

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**DRAIN SCHEDULE**

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>TYPE</th>
<th>WIDTH (IN)</th>
<th>MATERIAL</th>
<th>MANUFACTURER AND MODEL NUMBERS</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td>FOC1</td>
<td>FLOOR CLEANOUT</td>
<td>3&quot;</td>
<td>B/G</td>
<td>ZURN #Z-1446-BP-W</td>
<td>WALL CLEANOUT, CAST IRON BODY WITH BRONZE PLUG AND STAINLESS STEEL COVER WITH VANDAL-PROOF SCREW.</td>
</tr>
<tr>
<td>FOC2</td>
<td>FLOOR CLEANOUT</td>
<td>4&quot;</td>
<td>B/G</td>
<td>ZURN #Z-1400-VP</td>
<td>FLOOR CLEANOUT, CAST IRON BODY WITH NICKEL BRONZE TOP. Ø6&quot;</td>
</tr>
<tr>
<td>FOC3</td>
<td>FLOOR DRAIN</td>
<td>2&quot;, 4&quot;</td>
<td>CIZURN #ZN-415-5BL-P-VP</td>
<td>FLOOR DRAIN WITH CAST IRON BODY, TYPE &quot;BL&quot; STRAINER, POLISHED NICKEL BRONZE ROUND TOP; PROVIDE TRAP PRIMER. FD-1</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

- All products are O.D. 
- Provide general metal products.
### AIR OUTLET SCHEDULE

<table>
<thead>
<tr>
<th>Tag</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-1</td>
<td>CEILING SUPPLY DIFFUSER&lt;br&gt;Titus DC-AA 18&quot; X 18&quot; MODULE, ALUMINUM LOUVER FACE</td>
</tr>
<tr>
<td>EG-1</td>
<td>CEILING EXHAUST GRILLE&lt;br&gt;Titus 50F 12&quot; X 12&quot; MODULE, ALUMINUM BORDER AND GRID, 1&quot; X 2&quot; GRID SIZE</td>
</tr>
</tbody>
</table>

**NOTES:**
- Neck sizes are indicated on plans.
- Volume damper connect to existing re-balance to 25 CFM.
- EG-125, 12" X 12" |
- N)VOLUME DAMPER connect to existing re-balance to 25 CFM.
- N)8" X 4" EA |
- N)8" X 4" EA (E)8" X 8" EA (E)8" X 8" EA |
- "TITUS", ALUMINUM LOUVERED RETURN GRILLE, 3/4' BLADE SPACING, 0 DEGREE DEFLECTION, BLADES PARALLEL TO LONG DIMENSION. PAINT GRILLE, COLOR TO BE SELECTED BY ARCHITECT.
**GENERAL NOTES:**
- Remove and discard existing 26"x12" supply duct.
- Remove and discard existing 18"x8" supply duct.
- Remove and discard existing 18"x18" face supply air grille.
- Remove and discard existing 24"x12" return air duct (below).
- Demolition and submittal to the engineer of record.
- Contractor shall provide an air pre-balance report for the supply and return air flows of the affected ducts.
- After duct is removed, new duct shall be installed and connected to the existing supply and return air systems.
- Face of (E) overhead wall shall be re-framed to accept the new duct(s) and insulation.
- New ducts shall be installed a minimum of 12" above new light fixtures.
- Duct lateral and longitudinal seismic bracing shall be detailed by the architect.
- Duct lateral and longitudinal seismic bracing shall be detailed per the Architect.
- Air balance notes:
  - A duct leakage test and an air balance performance test shall be performed in accordance with an approved method per CMC.
  - A duct leakage test and an air balance performance test shall be performed per CMC.
  - A duct leakage test and an air balance performance test shall be performed per CMC.

**DEMO NOTES:**
- Remove and discard existing 26"x14" supply air duct (above) and associated air grilles.
- Connect new duct to existing supply air diffuser.
- Connect new duct to existing supply air diffuser.
- Connect new duct to existing supply air diffuser.
- Connect new duct to existing supply air diffuser.

**AIR BALANCE NOTES:**
- All duct work shall be balanced before turning on the affected systems.
- All duct work shall be balanced before turning on the affected systems.
- All duct work shall be balanced before turning on the affected systems.
- All duct work shall be balanced before turning on the affected systems.

**PROJECT INFORMATION:**
- Sonoma County Petaluma Regional Library Renovation Project No. 10-19
- 103 Parkersburg Drive
- Petaluma, CA 94952
- Tel 510.542.2200
- Fax 510.542.2201
- 729 Heinz Avenue
- Berkeley, CA 94710
**STACKED RECTANGULAR DUCT SUPPORT DETAIL**

- **SECTION "A-A"**
  - Use detail 1 this sheet for connection to structure.
  - Use detail 2 this sheet for connection to structure.
  - Use detail 3 this sheet for connection to structure.

**RECTANGULAR DUCT SUPPORT DETAIL**

- **SECTION "A-A"**
  - Use detail 1 this sheet for connection to structure.
  - Use detail 2 this sheet for connection to structure.

---

**LOW VELOCITY DUCT CONSTRUCTION DETAILS**

- **SUPPORT @ (E) FRAMING (PARALLEL)**
- **SUPPORT @ (E) FRAMING (PERPENDICULAR)**

---

**RECTANGULAR DUCT SUPPORT DETAIL**

- **SECTION "A-A"**
  - Use detail 1 this sheet for connection to structure.
  - Use detail 2 this sheet for connection to structure.

**CONNECTION TO STRUCTURE DETAIL**

- **SECTION "A-A"**
  - Use detail 1 this sheet for connection to structure.
  - Use detail 2 this sheet for connection to structure.

---

**RECTANGULAR DUCT**

- **SECTION "A-A"**
  - Use detail 1 this sheet for connection to structure.
  - Use detail 2 this sheet for connection to structure.

---

**SUPPORT @ (E) FRAMING (PARALLEL)**

- **SUPPORT @ (E) FRAMING (PERPENDICULAR)**

---

**SEAL**

- **3/8" Ø BOLT, NUT AND WASHER**
- **LOCK WASHER**
- **DOUBLE JAM NUT & WASHER (TYP.)**
- **2" X 2" X 1/4" ANGLE**

---

**SEISMIC BRACING**

- **3/8" THREADED ROD**
- **CLAMP**
- **STRUT ROD STIFFENER**
- **B-LINE B3070 2" X 2" ANGLE**

---

**STACKED RECTANGULAR DUCT SUPPORT DETAIL**

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**SUPPORT @ (E) FRAMING (PARALLEL)**

- **SUPPORT @ (E) FRAMING (PERPENDICULAR)**

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**SEAL**

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- **LOCK WASHER**
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**STACKED RECTANGULAR DUCT SUPPORT DETAIL**

- **RECTANGULAR DUCT**
  - **SECTION "A-A"**
  - Use detail 1 this sheet for connection to structure.
  - Use detail 2 this sheet for connection to structure.
### NOTE: NOT ALL SYMBOLS ARE USED

- **E4.21** ENLARGED PLANS - POWER AND LIGHTING
- **E1.41** DEMOLITION PLAN - 1ST FLOOR AND MEZZANINE - LIGHTING
- **E1.31** DEMOLITION PLAN - 1ST FLOOR AND MEZZANINE - POWER
- **E0.02** LIGHTING TITLE 24 CALCULATIONS
- **E0.01** LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST

### DATA AND AT PEDESTAL LEGEND

<table>
<thead>
<tr>
<th>#</th>
<th>DATE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>21824</td>
<td>NEW WORK</td>
<td>DEMOLITION WORK</td>
</tr>
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</table>

### PROJECT SCOPE

- All electrical material shall be purchased and installed by Contractor.
- All electrical equipment shall be purchased and installed by Contractor.
- All electrical work shall be performed in accordance with the applicable codes and standards.
- All electrical work shall be tested and inspected by a qualified electrician.
- All electrical work shall be approved by the local electrical inspector.

### DRAWING LEGEND

- **Lighting Source**
- **Emergency Lighting Source**
- **Lighting Equipment**
- **Emergency Lighting Equipment**
- **Lighting Circuit**
- **Emergency Lighting Circuit**

### WORK DESIGNATION

- **Type of Work**
- **Type of Work Description**
- **Type of Work Location**

### DRAWING LIST

<table>
<thead>
<tr>
<th>Sheet Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Electrical Plan 1</td>
</tr>
<tr>
<td>2</td>
<td>Electrical Plan 2</td>
</tr>
<tr>
<td>3</td>
<td>Electrical Plan 3</td>
</tr>
</tbody>
</table>

### LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST

- **Drawing File:** NAT02203zE001.dwg
- **Login:** DAN EILER

---

**WIRING ARE PERMISSABLE IN ALL AREAS.**

**T. USE OF AC OR MC TYPE CABLES FOR BRANCH CIRCUIT NUMBER**

**NUMBER INDICATES CIRCUIT**

---

**ACCESSIBLE CEILING SPACE.**

**BOX/SINGLE-GANG MUD-RING/STRING WITH 1" C TO ABOVE TELEPHONE OUTLET, "W" INDICATES WALL PHONE, MOUNT AT a = ABOVE COUNTER**

---

**F. PROVIDE ACOUSTICAL TREATMENT FOR ALL CONDUIT AND TYPE AND LOCATION OF FIXTURES AND OTHER CEILING OUTLET BOX PENETRATIONS IN ACOUSTICAL PARTITIONS.**

---

**DATA AND AT PEDESTAL LEGEND**

- **#**
- **DATE**
- **DESCRIPTION**

---

**Flur Box, Junction Box for HVAC/Refrigeration**

---

**RECEIPTABLE ORIGIN LEND**

- **#**
- **DATE**
- **DESCRIPTION**

---

**DRAWING LEGEND**

- **Lighting Source**
- **Emergency Lighting Source**
- **Lighting Equipment**
- **Emergency Lighting Equipment**
- **Lighting Circuit**
- **Emergency Lighting Circuit**

---

**WORK DESIGNATION**

- **Type of Work**
- **Type of Work Description**
- **Type of Work Location**

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**DRAWING LIST**

<table>
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<tr>
<td>1</td>
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<td>2</td>
<td>Electrical Plan 2</td>
</tr>
<tr>
<td>3</td>
<td>Electrical Plan 3</td>
</tr>
</tbody>
</table>

---

**LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST**

- **Drawing File:** NAT02203zE001.dwg
- **Login:** DAN EILER
**Lighting Title 24 Calculations**

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Total Electric Load</td>
<td>kW</td>
<td></td>
</tr>
<tr>
<td>Total Load</td>
<td>kVA</td>
<td></td>
</tr>
<tr>
<td>Emergency Load</td>
<td>kW</td>
<td></td>
</tr>
<tr>
<td>Emergency Load</td>
<td>kVA</td>
<td></td>
</tr>
<tr>
<td>Electric Load</td>
<td>kW</td>
<td></td>
</tr>
<tr>
<td>Electric Load</td>
<td>kVA</td>
<td></td>
</tr>
<tr>
<td>Total Circuit Load</td>
<td>kW</td>
<td></td>
</tr>
<tr>
<td>Total Circuit Load</td>
<td>kVA</td>
<td></td>
</tr>
<tr>
<td>Lighting Load</td>
<td>kW</td>
<td></td>
</tr>
<tr>
<td>Lighting Load</td>
<td>kVA</td>
<td></td>
</tr>
<tr>
<td>Non-Lighting Load</td>
<td>kW</td>
<td></td>
</tr>
<tr>
<td>Non-Lighting Load</td>
<td>kVA</td>
<td></td>
</tr>
</tbody>
</table>

---

**Lighting Title 24 Requirements**

- **Lighting Load**
  - Total Electric Load: kW
  - Total Load: kVA
  - Emergency Load: kW
  - Emergency Load: kVA
  - Electric Load: kW
  - Electric Load: kVA
  - Total Circuit Load: kW
  - Total Circuit Load: kVA
  - Lighting Load: kW
  - Lighting Load: kVA
  - Non-Lighting Load: kW
  - Non-Lighting Load: kVA
<table>
<thead>
<tr>
<th>#</th>
<th>DATE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/22/2024</td>
<td>RESUBMITAL</td>
</tr>
</tbody>
</table>
DEMOPLATION GENERAL NOTES:
D1. EXISTING CIRCUITS TO REMAIN AND RE-USED THROUGHOUT
D2. REMOVE ALL EXIT SIGNS (TO BE REPLACED WITH NEW AT SAME LOCATIONS EXCEPT AT THE ENTRY WALL THAT IS BEING DEMOLISHED)
D3. EXISTING EMERGENCY LIGHTS TO REMAIN (ADDITIONAL NEW EMERGENCY LIGHTS ARE BEING ADDED VIA BATTERY BACKUP TO THE FIXTURES)
D4. REMOVE EXISTING TRACKS FOR TRACK LIGHTS AT THE BEAMS IN THE MAIN LIBRARY AREA
D5. THE DEMO NOTES ABOVE ARE NOT NECESSARILY COMPLETE DEMO NOTES.

SHEET NOTES:
1. REMOVE LIGHT AS PART OF ADD ALTERNATE #2, OTHERWISE TO REMAIN.
2. ALL ROUND FIXTURES IN THE FOYER TO BE REMOVED.
3. EXISTING DOWNLIGHT TO REMAIN.
4. EXISTING SPOT LIGHT MOUNTED TO BEAM TO REMAIN.
5. ALL LIGHTS ABOVE THE LUMINOUS PANEL TO BE REMOVED.
6. EXISTING TRACK WITH SPOTS LIGHTING THE WALL TO REMAIN OR TO BE REMOVED AND REINSTALLED IN PLACE, AS REQUIRED WITH CEILING SCOPE OF WORK.
7. REMOVE WALL MOUNTED LINEAR LIGHT.
8. REMOVE UNDERCABINET LIGHT.
9. REMOVE EXISTING LIGHTS IN STAIRS.
10. REMOVE EXISTING LIGHTS AND SWITCHES.

 Login: DAN EILER  
Drawing File:NAT02203zE141.dwg  
Plotting Date: 1/23/2024 8:38 AM  
Last saved by: SBANERJEE Monday, January 22, 2024 2:14:24 PM
Provide receptacle monument at location shown. Coordinate receptacle location with surface mount quadplex receptacle.

Provide control wiring as required.

Terminate floor-mounted raceway in front of study pod point of connection. See details. Provide GFCI circuit breaker at panel. Provide single channel, surface-mounted, aluminum raceway from junction box to raceway mounted +18 A.F.F. to bottom of raceway. Route raceway horizontally across wall. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to surface mounted raceway. Provide conduit from truss-mounted junction box (containing the homerun), along truss column to children's area, vertically route surface mounted raceway down to horizontal, transition to floor-mounted raceway. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to floor-mounted raceway. Provide conduit from roll-up door motor, trench cut-in, trench cut-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out.

Provide control from panel E, cut stub-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out. Provide control wiring connection from roll-up door motor re-use existing conduit pathway for control wiring connection from roll-up door motor.

Provide office collection Spanish.

Provide receptacle monument at location shown. Coordinate receptacle location with surface mount quadplex receptacle.

Provide control wiring as required. Provide GFCI circuit breaker at panel. Provide floor-mounted raceway in front of study pod point of connection. See details. Provide single channel, surface-mounted, aluminum raceway from junction box to raceway mounted +18 A.F.F. to bottom of raceway. Route raceway horizontally across wall. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to surface mounted raceway. Provide conduit from truss-mounted junction box (containing the homerun), along truss column to children's area, vertically route surface mounted raceway down to horizontal, transition to floor-mounted raceway. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to floor-mounted raceway. Provide conduit from roll-up door motor, trench cut-in, trench cut-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out.

Provide control from panel E, cut stub-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out. Provide control wiring connection from roll-up door motor re-use existing conduit pathway for control wiring connection from roll-up door motor.

Provide office collection Spanish.

Provide receptacle monument at location shown. Coordinate receptacle location with surface mount quadplex receptacle.

Provide control wiring as required. Provide GFCI circuit breaker at panel. Provide floor-mounted raceway in front of study pod point of connection. See details. Provide single channel, surface-mounted, aluminum raceway from junction box to raceway mounted +18 A.F.F. to bottom of raceway. Route raceway horizontally across wall. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to surface mounted raceway. Provide conduit from truss-mounted junction box (containing the homerun), along truss column to children's area, vertically route surface mounted raceway down to horizontal, transition to floor-mounted raceway. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to floor-mounted raceway. Provide conduit from roll-up door motor, trench cut-in, trench cut-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out.

Provide control from panel E, cut stub-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out. Provide control wiring connection from roll-up door motor re-use existing conduit pathway for control wiring connection from roll-up door motor.

Provide office collection Spanish.

Provide receptacle monument at location shown. Coordinate receptacle location with surface mount quadplex receptacle.

Provide control wiring as required. Provide GFCI circuit breaker at panel. Provide floor-mounted raceway in front of study pod point of connection. See details. Provide single channel, surface-mounted, aluminum raceway from junction box to raceway mounted +18 A.F.F. to bottom of raceway. Route raceway horizontally across wall. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to surface mounted raceway. Provide conduit from truss-mounted junction box (containing the homerun), along truss column to children's area, vertically route surface mounted raceway down to horizontal, transition to floor-mounted raceway. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to floor-mounted raceway. Provide conduit from roll-up door motor, trench cut-in, trench cut-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out.

Provide control from panel E, cut stub-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out. Provide control wiring connection from roll-up door motor re-use existing conduit pathway for control wiring connection from roll-up door motor.

Provide office collection Spanish.

Provide receptacle monument at location shown. Coordinate receptacle location with surface mount quadplex receptacle.

Provide control wiring as required. Provide GFCI circuit breaker at panel. Provide floor-mounted raceway in front of study pod point of connection. See details. Provide single channel, surface-mounted, aluminum raceway from junction box to raceway mounted +18 A.F.F. to bottom of raceway. Route raceway horizontally across wall. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to surface mounted raceway. Provide conduit from truss-mounted junction box (containing the homerun), along truss column to children's area, vertically route surface mounted raceway down to horizontal, transition to floor-mounted raceway. Provide conduit from panel 'E' and stub out 24" above top of panel and transition to floor-mounted raceway. Provide conduit from roll-up door motor, trench cut-in, trench cut-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out.

Provide control from panel E, cut stub-out, trench cut-in, trench cut-out, trench cut-in, trench cut-out. Provide control wiring connection from roll-up door motor re-use existing conduit pathway for control wiring connection from roll-up door motor.

Provide office collection Spanish.
SAFE-OFF (E) ABOVE-CEILING WATER HEATER AS REQUIRED TO SUPPORT DEMO OF WALL. WATER HEATER IDENTIFIED ON AS-BUILTS. CONTRACTOR TO VERIFY IN THE FIELD.

RELOCATE (E) RECEPTACLE TO SUPPORT WALL DEMOLITION. SEE DETAIL 6/- FOR FINAL LOCATION. COORDINATE FINAL LOCATION IN FIELD.

SAFE-OFF (E) RECEPTACLE TO SUPPORT INTERIOR SURFACE WORK. VERIFY (E) CIRCUIT NUMBER IN THE FIELD.
### PANEL "A" (EXISTING)

<table>
<thead>
<tr>
<th>Source: Name</th>
<th>A/C</th>
<th>VA</th>
<th>Note</th>
<th>Description</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Main Switch Board 'MSB' (NEMA 3R)**

- 729 Heinz Avenue
- Berkeley, CA 94710
- Tel 510.542.2200
- Fax 510.542.2201

### PANEL "B" (EXISTING)

<table>
<thead>
<tr>
<th>Source: Name</th>
<th>A/C</th>
<th>VA</th>
<th>Note</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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**Main Switch Board 'MSB' (NEMA 3R)**

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- Berkeley, CA 94710
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### Single Line Diagram & Panelboard Schedules

**NOTE:** Single Line Diagram shown for reference only.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>11/27/2023</td>
<td>LIGHTING CONTROL DETAILS</td>
</tr>
</tbody>
</table>
4. EXISTING FIRE ALARM TERMINAL CABINET.

5. A VISIT TO THE SITE IS REQUIRED OF ALL BIDDERS PRIOR TO SUBMISSION OF BID. ALL BIDDERS SHALL SUBMIT A BID IN A BOUNDARY SHEET OR BOUND book. A BOUND book shall be returned to the Contract shall be returned to the Contract Manager.

6. PROVIDE CONNECTION TO INTEGRAL TAMPER SWITCHES ON DOUBLE CHECK VALVE BACKFLOW PREVENTER (BFP). INTERCEPT AND EXTEND (E) CONNECTION FROM (E) PIV TAMPER SWITCH TO BFP TAMPER SWITCHES.

7. NO PROVIDE CONNECTION TO INTEGRAL TAMPER SWITCHES ON DOUBLE CHECK VALVE BACKFLOW PREVENTER (BFP). INTERCEPT AND EXTEND (E) CONNECTION FROM (E) PIV TAMPER SWITCH TO BFP TAMPER SWITCHES.

8. NO PROVIDE CONNECTION TO INTEGRAL TAMPER SWITCHES ON DOUBLE CHECK VALVE BACKFLOW PREVENTER (BFP). INTERCEPT AND EXTEND (E) CONNECTION FROM (E) PIV TAMPER SWITCH TO BFP TAMPER SWITCHES.

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18. PROVIDE CONNECTION TO INTEGRAL TAMPER SWITCHES ON DOUBLE CHECK VALVE BACKFLOW PREVENTER (BFP). INTERCEPT AND EXTEND (E) CONNECTION FROM (E) PIV TAMPER SWITCH TO BFP TAMPER SWITCHES.

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21. PROVIDE CONNECTION TO INTEGRAL TAMPER SWITCHES ON DOUBLE CHECK VALVE BACKFLOW PREVENTER (BFP). INTERCEPT AND EXTEND (E) CONNECTION FROM (E) PIV TAMPER SWITCH TO BFP TAMPER SWITCHES.
GENERAL NOTES

1. THE PURPOSE OF THIS SHEET IS TO IDENTIFY AND DEFINE THE TESTS, MATERIALS, FINISHES, AND DETAILS OF THE TRADES THAT REQUIRE UNLESS NOTED ON FLOOR PLANS.

2. THE TRADES IDENTIFIED ABOVE ARE INTENDED FOR TELECOMMUNICATIONS CABLES.

3. DEVICE BOXES IS PROHIBITED UNLESS SPECIFICALLY NOTED ON FLOOR PLANS.

4. CONDUITS WITH LESS THAN 2" INSIDE DIAMETER WILL HAVE A BEND RADIUS OF NO LESS THAN 6 TIMES THE INSIDE DIAMETER.

5. THE BUILDING. J-HOOKS MAY ONLY BE USED ABOVE SUSPENDED CEILINGS WHERE THEY ARE HIDDEN FROM VIEW.

6. MORE ACTIVATIONS ARE CALLED OUT WITH THE APPROPRIATE NUMBER OF ACTIVATIONS REQUIRED.

7. CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO A MINIMUM REQUIREMENTS OF THE GOVERNING LAWS, ORDINANCES, AND REGULATIONS OF ALL.

8. THE BUILDING. REFER TO THE PLANS, ELEVATIONS, SECTIONS, SCHEDULES, DETAILS, AND SPECIFICATIONS TO COMPLETE THE WORK.

9. CONDUITS, BOXES, CABLE TRAY IF INDICATED, J-HOOKS TO ESTABLISH A PATHWAY FOR CAT-6 TRANSFORMER OR MOTOR.

10. INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE "TYPICAL 6" WIDE VERTICAL CABLE MANAGER.

11. INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.

12. DO NOT TIE CABLES TO OTHER STRUCTURES NOT INTENDED FOR THIS SPECIFIC USE. DO NOT MIX PRODUCTS BETWEEN MANUFACTURED ASSEMBLIES.

13. THE USE OF 90-DEGREE 'ELBOW' FITTINGS IS EXPRESSLY PROHIBITED UNLESS PRIOR AUTHORIZATION IS RECEIVED FROM OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING.

14. THE BUILDING. CHATSWORTH OR BLINE, OR EQUAL.

15. MORE ACTIVATIONS ARE CALLED OUT WITH THE APPROPRIATE NUMBER OF ACTIVATIONS REQUIRED.

16. THE USE OF 90-DEGREE 'ELBOW' FITTINGS IS EXPRESSLY PROHIBITED UNLESS PRIOR AUTHORIZATION IS RECEIVED FROM OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING.

17. INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.

18. MORE ACTIVATIONS ARE CALLED OUT WITH THE APPROPRIATE NUMBER OF ACTIVATIONS REQUIRED.

19. INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE TRAY If INDICATED, J-HOOKS TO ESTABLISH A PATHWAY FOR CAT-6 TRANSFORMER OR MOTOR.

20. THE BUILDING. J-HOOKS MAY ONLY BE USED ABOVE SUSPENDED CEILINGS WHERE THEY ARE HIDDEN FROM VIEW.

21. INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.

22. MORE ACTIVATIONS ARE CALLED OUT WITH THE APPROPRIATE NUMBER OF ACTIVATIONS REQUIRED.

23. INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE TRAY If INDICATED, J-HOOKS TO ESTABLISH A PATHWAY FOR CAT-6 TRANSFORMER OR MOTOR.

24. THE BUILDING. J-HOOKS MAY ONLY BE USED ABOVE SUSPENDED CEILINGS WHERE THEY ARE HIDDEN FROM VIEW.

25. INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.

26. MORE ACTIVATIONS ARE CALLED OUT WITH THE APPROPRIATE NUMBER OF ACTIVATIONS REQUIRED.

27. INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE TRAY If INDICATED, J-HOOKS TO ESTABLISH A PATHWAY FOR CAT-6 TRANSFORMER OR MOTOR.

28. THE BUILDING. J-HOOKS MAY ONLY BE USED ABOVE SUSPENDED CEILINGS WHERE THEY ARE HIDDEN FROM VIEW.

29. INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.

30. MORE ACTIVATIONS ARE CALLED OUT WITH THE APPROPRIATE NUMBER OF ACTIVATIONS REQUIRED.

31. INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE TRAY If INDICATED, J-HOOKS TO ESTABLISH A PATHWAY FOR CAT-6 TRANSFORMER OR MOTOR.

32. THE BUILDING. J-HOOKS MAY ONLY BE USED ABOVE SUSPENDED CEILINGS WHERE THEY ARE HIDDEN FROM VIEW.

33. INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.

34. MORE ACTIVATIONS ARE CALLED OUT WITH THE APPROPRIATE NUMBER OF ACTIVATIONS REQUIRED.

35. INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE TRAY If INDICATED, J-HOOKS TO ESTABLISH A PATHWAY FOR CAT-6 TRANSFORMER OR MOTOR.
1. CONTRACTOR TO SHOW LOCATIONS OF ALL HANGERS, RESTRAINTS, AND BRACING ON PLANS.

2. CONTRACTOR TO SHOW LOCATIONS OF ALL HANGERS, RESTRAINTS, AND BRACING ON PLANS.

3. DESIGN TO MEET REQUIREMENTS OF NFPA 13 (2022 EDITION), CBC (2022 EDITION).

4. NFPA 13, SECTION 10.10.2.1.1, UNDERGROUND MAINS AND LEAD-IN CONNECTIONS TO SYSTEM

5. PROVIDE FLOW TEST DATA AND INDICATE THE LOCATIONS AND HEIGHT ELEVATIONS OF THE TEST

6. FIRE PROTECTION CONTRACTOR SHALL AFFIX THEIR SEAL AND STAMP AND SIGN ALL SUBMITTAL

7. 2022 NFPA 13 6.10.2.2.1: ALL PIPING AND ATTACHED APPURTENANCES SUBJECTED TO SYSTEM

8. 2022 NFPA 13 SECTION 16.2.7: PROVIDE SPARE SPRINKLER HEAD CABINET, SPRINKLER WRENCH,

9. PER CBC 903.4.1: THE MAIN FIRE ALARM PANEL VALVE MONITORING AND WATER-FLOW ALARM AND

10. PER NFPA 13, SECTION 29.4: A PERMANENT HYDRAULIC CALCULATIONS DESIGN PLACARD SHALL BE

11. WATER SERVICE

12. GENERAL FIRE PROTECTION NOTES

13. SITE PLAN - FIRE PROTECTION

14. PERMIT SET

15. SYMBOL LIST AND GENERAL NOTES - FIRE PROTECTION

16. REPORTS

17. SHEET INDEX

18. WATER FLOW INFORMATION

19. WATER FLOW INFORMATION

20. SITE PLAN - FIRE PROTECTION

21. GENERAL NOTES

22. FIRE PROTECTION SYMBOL LIST

23. FIRE PROTECTION SYMBOL LIST

24. SITE PLAN - FIRE PROTECTION

25. SITE PLAN - FIRE PROTECTION

26. SITE PLAN - FIRE PROTECTION

27. SITE PLAN - FIRE PROTECTION

28. SCHOOL BUILDING

29. SITE PLAN - FIRE PROTECTION

30. SITE PLAN - FIRE PROTECTION

31. SITE PLAN - FIRE PROTECTION

32. SITE PLAN - FIRE PROTECTION

33. SITE PLAN - FIRE PROTECTION

34. SITE PLAN - FIRE PROTECTION

35. SITE PLAN - FIRE PROTECTION

36. SITE PLAN - FIRE PROTECTION

37. SITE PLAN - FIRE PROTECTION

38. SITE PLAN - FIRE PROTECTION

39. SITE PLAN - FIRE PROTECTION
PROVIDE SPRINKLER SYSTEM PROTECTION WITHIN ENTRY CANOPY.

PROVIDE PENDENT SPRINKLERS OFF OF MAIN UNDER EXTERIOR OVERHANG.

CONNECT NEW 3" FIRE SPRINKLER MAIN TO EXISTING 4" FIRE SPRINKLER PIPE.

2-1/2" FIRE SPRINKLER PIPE UP TO FEED OVERHEAD LEVEL MEZZANINE SPRINKLERS.

SPRINKLERS IN THIS AREA ARE FED FROM BRANCH LINES ABOVE. REFER TO

NOT IN SCOPE. EXISTING SPRINKLERS AND PIPING IN ADDITION ARE EXISTING TO

REMAIN.

1 PROVIDE BALL VALVE TO ALLOW PIPE TO DRAIN.
THE STRUCTURE ABOVE.

2 SPRINKLERS IN COMBUSTIBLE CONCEALED SPACE ABOVE CEILING.

MEMBERS IN THIS AREA. REFER TO STRUCTURAL PLANS.

Hazard: Fire Protection

SYSTEM DESCRIPTION

SYSTEM TYPE: Sprinkler

NO. OF SPRINKLERS: 2

SIZE OF AREA: 100 SQ. FT.

EXP. DATE: 12/31/24

266.6 GPM @ 32.3 PSI

1-1/2 DN

Remote Area 2

PERMIT SET

SONOMA COUNTY
PETALUMA
REGIONAL LIBRARY
RENOVATION
PROJECT NO.
10-19

FP2.42A

REFLECTED CEILING PLAN
- OVERHEAD VAULTED CEILINGS
DEDUCT ALTERNATE #1 - FIRE PROTECTION
1. UPRIGHT HEAD ON TEE

2. SPRINKLER WITH 2-PC ESCUTCHEON

3. SIDE BEAM BRACKET HANGER AT BEAM

4. "SAMMY" AT HEAVY TIMBER OR GLB

5. SEISMIC DETAIL - LATERAL BRACE

6. SEISMIC DETAIL - LONGITUDINAL BRACE AT BEAM

7. EXISTING WET SPRINKLER RISER