COUNTY OF MARIN, DEPARTMENT OF PUBLIC WORKS

PROJECT NO. CAP 19-1101

SEISMIC RETROFIT OF THE MARIN CENTER EXHIBIT HALL

100% CONSTRUCTION DOCUMENTS FOR BID
ENLARGED PLUMBING PLAN - WEST

SHEET NOTES:
- EXTENT OF STRUCTURAL WORK.
- DISCONNECT (E) ROOF DRAIN AND CAP PIPING IN THE CEILING AT THIS LOCATION. RECONNECT (E) ROOF DRAIN AFTER STRUCTURAL UPGRADES ARE COMPLETED.
- VERIFY EXACT LOCATION IN FIELD.
- PROVIDE TEMPORARY PIPE HANGERS UNTIL AFTER STRUCTURAL UPGRADES ARE COMPLETED.
SHEET NOTES:

1. EXTENT OF STRUCTURAL UPGRADE WORK.
2. Disconnect and re-route drain and cap piping in the ceiling at this location. Reconnect after structural upgrades are completed.
3. Verify exact location in field.
4. Provide temporary pipe hangers until after structural upgrades are completed.
1. PRIOR TO SUBMISSION OF ANY BID, THE CONTRACTOR SHALL PERFORM A THOROUGH FIELD SURVEY OF THE EXISTING SITE CONDITIONS AND FEATURES. ANY SITE CONDITIONS WHICH MAY IMPACT THE WORK OR WHICH COULD CAUSE A CONFLICT IN WORK OR INTERFERENCE WITH OTHER CONTRACTORS OR TRADES SHALL BE CLEARLY MARKED IN COLORED "AS-BUILT" INFORMATION. ANY SITE CONDITIONS WHICH MAY IMPACT THE WORK OR WHICH COULD CAUSE A CONFLICT IN WORK OR INTERFERENCE WITH OTHER CONTRACTORS OR TRADES SHALL BE CLEARLY MARKED IN COLORED "AS-BUILT" INFORMATION. ANY SITE CONDITIONS WHICH MAY IMPACT THE WORK OR WHICH COULD CAUSE A CONFLICT IN WORK OR INTERFERENCE WITH OTHER CONTRACTORS OR TRADES SHALL BE CLEARLY MARKED IN COLORED "AS-BUILT" INFORMATION.

2. CONTRACTOR SHALL BE FAMILIAR WITH BUILDING STRUCTURE AND CEILING SPACE ALLOWED DURING CONSTRUCTION: EQUIPMENT INSTALLATION. IF THE HVAC SYSTEM IS USED DURING CONSTRUCTION, USE FILTERS PER SPECIFICATIONS OR AS NOTED ON DRAWINGS.

3. DUCTWORK SHALL BE INSULATED PER SPECIFICATIONS OR AS NOTED ON DRAWINGS. ALL DUCT SIZES ARE SHEET METAL SIZES, WITH THE EXCEPTION OF INTERNALLY LINED DUCTWORK.

4. ALL EQUIPMENT, DUCTS, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE OF THE STRUCTURAL BUILDING ENCLOSED SPACE SHALL BE IN ACCORDANCE WITH THESE DOCUMENTS.

5. ADVISE THE BUILDING OWNER IN WRITING IN THE EVENT A CONFLICT OCCURS BETWEEN CONTRACT DRAWINGS. RECORDED INFORMATION SHALL INCLUDE ROUTING AND INVERT OF NAVIGATION SYSTEMS.

6. REMOVE ALL MECHANICAL EQUIPMENT AS NOTED OR NEEDED TO COMPLETE WORK IN ACCORDANCE WITH THESE DOCUMENTS.

7. CONTRACTOR IS TO MAINTAIN RECORDED "AS-BUILT" INFORMATION ON ALL EXISTING SERVICES AND EQUIPMENT INSTALLATION. IF THE HVAC SYSTEM IS USED DURING CONSTRUCTION, USE FILTERS PER SPECIFICATIONS OR AS NOTED ON DRAWINGS.

8. ADVISE THE OWNER'S REPRESENTATIVE IN WRITING IN THE EVENT A CONFLICT WHICH OCCURS WILL NOT DAMAGE PORTIONS TO THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING AND WHICH WILL NOT DAMAGE PORTIONS TO THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING.

9. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO ANY DEMOLITION AND NEW WORK.

10. A BID SUBMISSION IN WRITING TO THE PROJECT MANAGER FOR SUBMITTAL OF INSTRUMENTS AND MATERIALS TO BE REQUIRED FOR THE WORK.

11. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE CLEAN UP ON CONSTRUCTION. IF THE HVAC SYSTEM IS USED DURING CONSTRUCTION, USE FILTERS PER SPECIFICATIONS OR AS NOTED ON DRAWINGS.

12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SCHEDULE ALL WORK WITH THE OWNER'S REPRESENTATIVE. WHERE EXISTING SYSTEMS ARE TO BE MAINTAINED, OWNER'S REPRESENTATIVE IS TO BE NOTIFIED IN WRITING OF THE WORK TO BE PERFORMED.

13. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING SAME AS NEW AND IMMEDIATELY NOTIFY GENERAL CONTRACTOR SO THAT PROVISIONS CAN BE MADE FOR RELOCATION OR DEMOLITION.

14. CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK TO BE PERFORMED, THE WORK TO BE PERFORMED, AND THE WORK TO BE PERFORMED IN ACCORDANCE WITH THESE DOCUMENTS.

15. NOTIFY THE BUILDING OWNER IN WRITING IN THE EVENT A CONFLICT OCCURS BETWEEN DRAWINGS.

16. CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK TO BE PERFORMED, THE WORK TO BE PERFORMED, AND THE WORK TO BE PERFORMED IN ACCORDANCE WITH THESE DOCUMENTS.

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ENLARGED MECHANICAL PLAN - WEST

1/8" = 1'-0"

SHEET NOTES:

1. EXTENT OF STRUCTURAL UPGRADE WORK.
2. REMOVE (E) AIR DUCT WORK BACK TO THIS LOCATION. INSTALL (N) RETURN AIR DUCTWORK IN SOFFIT AFTER STRUCTURAL UPGRADES ARE COMPLETED AND PROVIDE (N) INSULATION. VERIFY EXACT LOCATION IN FIELD.
3. REMOVE (E) SUPPLY DIFFUSER TO ACCOMMODATE STRUCTURAL WORK. REINSTALL (E) DIFFUSER AFTER STRUCTURAL UPGRADES ARE COMPLETED. VERIFY EXACT LOCATION IN FIELD.
4. REMOVE (E) RETURN GRILLE TO ACCOMMODATE STRUCTURAL WORK. REINSTALL (E) GRILLE AFTER STRUCTURAL UPGRADES ARE COMPLETED. VERIFY EXACT LOCATION IN FIELD.
5. CUT DUCT SECTION FOR STRUCTURAL WORK AND PROVIDE (N) TO RECONNECT AT THE COMPLETION OF STRUCTURAL WORK. PROVIDE (N) INSULATION.
SHEET NOTES:

1. EXTENT OF STRUCTURAL UPGRADE WORK.
2. VERIFY EXACT LOCATION IN FIELD.
3. REMOVE (E) 48"X 12" DUCT WORK BACK TO THIS LOCATION. INSTALL (N) 48" X 12" DUCTWORK WITH (N) INSULATION AFTER STRUCTURAL UPGRADES ARE COMPLETED.
4. REMOVE (E) SUPPLY DIFFUSER TO ACCOMMODATE STRUCTURAL WORK. REINSTALL (E) DIFFUSER AFTER STRUCTURAL UPGRADES ARE COMPLETED. VERIFY EXACT LOCATION IN FIELD.
## Equipment

<table>
<thead>
<tr>
<th>E5.1</th>
<th>Raceways &amp; Wiring</th>
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## Lighting

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## Abbreviations & Symbols

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<th><strong>Symbol Legend</strong></th>
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DEMOLITION GENERAL NOTES:

1. PRIOR TO DEMOLITION, TRACE AND IDENTIFY ALL BRANCH CIRCUITS WITHIN AND PASSING THROUGH THE PROJECT AREA.

2. IN AREA OF WORK, DISCONNECT AND REMOVE ALL ELECTRICAL SYSTEMS INDICATED. EXISTING CONDUIT, BOXES, WIRING AND RELATED SUPPORTS TO REMAIN. PROVIDE TEMPORARY SUPPORT OF EXISTING CONDUITS AND BOXES.

3. IN AREA OF WORK PROVIDE TEMPORARY SUPPORT OF EXISTING TELECOM/SECURITY SYSTEM ABOVE OR ON CEILING.

4. REMOVE ALL ABANDONED WIRING BACK TO SOURCE IN PROJECT AREA AND UPDATE PANEL BOARD SCHEDULES. REMOVE AND DISPOSE OF ALL ASSOCIATED SUPPORT HARDWARE.

5. NOT ALL EXISTING ELECTRICAL SYSTEM ARE SHOWN. CONTRACTOR SHALL FIELD INVESTIGATE EXACT CONDITION AND PROVIDE ALL NECESSARY RENOVATION WORK. CONTRACTOR SHALL REQUEST ALL NECESSARY RECORD DRAWINGS FROM OWNER FOR REFERENCE AT TIME OF BID.

GENERAL NOTES:

1. REINSTALL AND RECONNECT EXISTING SYSTEMS INDICATED.

2. PROVIDE NEW SUPPORT OF EXISTING CONDUIT, BOXES AND WIRING.

3. PROVIDE NEW SUPPORT OF EXISTING TELECOM/SECURITY CABLES ABOVE CEILING.

4. ALLOW 130LF OF 12" PENDANT J-HANGERS AT 36" SPACE RS.

LEGEND:

HATCH AREA INDICATES AREA OF WORK.
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LEGEND:

HATCH AREA INDICATES AREA OF WORK.
BID ALTERNATE #3:

1. PROVIDE NEW LED DOWNLIGHT TYPE L1 AT EXISTING LOCATIONS TO REPLACE EXISTING FIXTURES IN PROJECT AREA INDICATED ON THIS DRAWING. NEW LED DOWNLIGHT COLOR TEMPERATURE SHALL NOT EXCEED 2700K. SEE LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR REFERENCE.

PROJECT AREA

<table>
<thead>
<tr>
<th>FIXTURE TYPE</th>
<th>DESCRIPTION</th>
<th>LAMP TYPE</th>
<th>VOLT</th>
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<tr>
<td>L1</td>
<td>6&quot; ROUND LED DOWNLIGHT, 2500 LUMEN, 2700K COLOR TEMPERATURE, NON-DIMMING, SPECULAR CLEAR FINISH</td>
<td>LED</td>
<td>23</td>
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**Details**

SEE ARCHITECTURAL RCP SECURED TO STRUCTURE ABOVE

**16 GA. CHANNEL 4'-6"L RUNNERS AND ATTACH EXTEND BEYOND MAIN WITH #18 GA. WIRES THRU FIXTURE FRAME.**

**16 GA. CHANNEL 4'-0" 0.C. TYPICAL MAIN RUNNERS TO MAIN RUNNERS THRU FIXTURE FRAME.**

**#12 GA. SLACK WIRE OPPOSITE CORNERS OF FRAME. FOUR TURNS @ 45° ANGLE TYPICAL ATTACH TO FIXTURE JUNCTION BOX CEILING FIXTURE FRAME AND IN 1" - TYPICAL.**

**1/4" DIAMETER EYE WOOD SCREW (TYP.) 1-1/4" MIN. PENETRATION.**

**4 FULL WIRE WRAPS TYP. 1/4" DIAMETER EYE WOOD SCREW (TYP.) 1-1/4" MIN. PENETRATION.**

**NO SCALE**

RECESS DOWNLIGHT MOUNTING DETAIL
1 ENLARGED FIRE PROTECTION PLAN - WEST

F101

SHEET NOTES:
EXTENT OF STRUCTURAL UPGRADE WORK.
REMOVE (E) PENDANT SPRINKLER HEAD AND CAP PIPING AT THIS LOCATION. INSTALL (N) PENDANT SPRINKLER AFTER STRUCTURAL UPGRADES ARE COMPLETED. VERIFY EXACT LOCATION IN FIELD. PROVIDE TEMPORARY PIPE HANGER UNTIL AFTER STRUCTURAL UPGRADES ARE COMPLETED.