GENERAL NOTES


2. CONTRACTOR SHALL SCHEDULE & COORDINATE ALL WORK WITH THE LIBRARY.

3. PRIOR TO START OF ANY FABRICATION, CONTRACTOR SHALL EXAMINE EQUIPMENT THAT IS TO BE INSTALLED, DETERMINE DIMENSIONS AND LOCATIONS OF ANCHORAGE HOLES.

4. CONTRACTOR SHALL LAYOUT LOCATION OF NEW CHANNEL FRAME ON THE EXISTING SLAB AND FIELD LOCATE THE TWO SUPPORTING FLOOR BEAMS AS NOTED ON THESE DOCUMENTS. REPORT ANY DISCREPANCIES AND/OR CONFLICTS TO THE OWNER PRIOR TO FABRICATION.

5. FIELD LOCATE HOLES FOR BOLTS THROUGH THE EXISTING SLAB AND VERIFY FROM FLOOR BELOW THAT BOLT LOCATIONS ARE FREE FROM ANY UTILITIES OR OTHER ELEMENTS.

6. ALL STEEL CHANNELS AND ANGLES SHALL BE ASTM A36, WELDS E70.

7. FURNISH SHOP DRAWINGS, WITH DIMENSIONS, BASED ON FIELD SURVEY AND VERIFICATION OF EQUIPMENT ANCHORING DETAILS, THROUGH SLAB BOLT HOLES AND LOCATION OF NEW CHANNEL FRAME RELATIVE TO EXISTING SUPPORT MEMBERS BELOW THE SLAB.

8. PRIME ALL STEEL AND TOUCH UP ALL WELD LOCATIONS.

9. DO NOT PLACE NEW EQUIPMENT ON EXISTING SLABS EXCEPT WHERE EQUIPMENT WEIGHTS ARE SPREAD SUCH THAT NO MORE THAN 100 POUNDS PER SQUARE FOOT IS PLACED ON THE EXISTING SLABS.
# Mechanical Symbol List

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**Reference**

- Interface Engineering, Inc.
- 717 Market Street, Suite 500, San Francisco, CA 94103
- TEL: 415.489.7240
- FAX: 415.489.7289
- www.interfaceengineering.com

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**General Mechanical Notes**

1. Any modifications made to the mechanical symbols must be approved by the engineer.
2. All symbols must be clearly marked on the drawings.
3. Use of incorrect symbols will result in penalties.
4. Ensure all symbols are in accordance with the latest standards.
5. Any deviations from the standard symbols must be justified.
6. Review all symbols before final approval.

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**General Seismic Notes**

1. Seismic zones must be clearly marked on the drawings.
2. Use of incorrect seismic zones will result in penalties.
3. Ensure all seismic zones are in accordance with the latest standards.
4. Any deviations from the standard seismic zones must be justified.
5. Review all seismic zones before final approval.

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**Sheet Index**

- Sheet 1: Mechanical Symbols
- Sheet 2: General Mechanical Notes
- Sheet 3: General Seismic Notes
- Sheet 4: Sheet Index
1.1 **GENERAL:** DIFFUSERS SIZING BASED ON AIR BEING INTRODUCED AT 20°F TEMPERATURE DIFFERENTIAL, AHJ DAMPERS

**DAMPER SPECIFICATIONS:***

- **AWWA PART 2 - CALIFORNIA ELECTRICAL CODE.**
- **CALIFORNIA MECHANICAL CODE.**
- **ELECTRIC TESTING LABORATORIES.**
- **SMACNA COMPETITION.**
- **REFERENCES TO PRODUCT SPECIFICATIONS FOR MATERIALS ARE LISTED ACCORDING TO UNDERWRITERS LABORATORIES INC.**
- **FURNISH: SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNPACKING, ASSEMBLY AND INSTALLATION.**
- **GENERAL: INSTALL UNITS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS, DRAIN PIPING: RUN FULL SIZE TO CODE APPROVED DISCHARGE LOCATION. PROVIDE TRAP AT DRAIN ELBOWS: STANDARD CENTERLINE RADIUS SHALL EQUAL 1-1/2 TIMES WIDTH OF DUCT.**

**GENERAL:** PROVIDE WRITTEN WARRANTY ON MECHANICAL WORK, AGREEING TO REPLACE/REPAIR CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PRICE. CODE REQUIREMENTS TAKE PRECEDENCE, INCLUDE COSTS NECESSARY TO MEET THESE IN BID PR
SECTION 260000 - ELECTRICAL
PART 1-

1.1 RECOMMENDED BY MANUFACTURER DURING INSTALLATION.

I. COORDINATE ELECTRICAL DEVICE LOCATIONS AND ELEVATIONS (SWITCHES AND RECEPTACLES) WITH ARCHITECTURAL DRAWINGS TO PREVENT MOUNTING DEVICES IN CIRCULATION AREAS.

E. MOUNT CENTER OF OUTLET BOXES AS REQUIRED BY AMERICANS WITH DISABILITIES ACT (ADA), OR NOTED ON DRAWINGS, THE FOLLOWING DISTANCE ABOVE THE FLOOR:

J. STARTER THERMAL UNITS. PROVIDE ARC FLASH LABELS.

CALIFORNIA ELECTRICAL CODE.

9. MOUNT TRANSFORMERS, CORE AND COIL, ON VIBRATION MOUNTING PADS DESIGNED TO SUPPRESS TRANSMISSION OF 120 CYCLE FREQUENCIES AND HARMONICS THEREOF.

FURRED OR SUSPENDED CEILINGS.

O. SECURELY SUSPEND JUNCTION BOXES, PULL BOXES OR OTHER CONDUIT TERMINATING HOUSINGS LOCATED ABOVE SUSPENDED CEILING FROM THE FLOOR ABOVE OR ROOF DECK.

CONFORM TO THE LATEST ADOPTED VERSION OF THE CALIFORNIA ELECTRIC CODE (CEC), WITH LOCAL AMENDMENTS.

FURNISH PRODUCTS LISTED BY UNDERWRITERS LABORATORIES INC. (UL) OR OTHER TESTING FIRM ACCEPTABLE TO AHJ.

A. PRIOR TO INSTALLATION OF FEEDERS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS, EXAMINE THE MANUFACTURER'S SHOP DRAWINGS, WIRING DIAGRAMS, PRODUCT DATA, GUARANTEES,

SEQUENCING AND SCHEDULING TO AVOID INSTALLATION CONFLICTS, THOROUGHLY EXAMINE THE COMPLETE SET OF CONTRACT DOCUMENTS. RESOLVE CONFLICTS PRIOR TO INSTALLATION.

B. PRIOR TO INSTALLATION OF FEEDERS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS, EXAMINE THE MANUFACTURER'S SHOP DRAWINGS, WIRING DIAGRAMS, PRODUCT DATA, GUARANTEES,

8. INSTALLATION REQUIREMENTS: PROVIDE APPROPRIATE CABLE AND CORD CAP FOR FINAL CONNECTION UNLESS EQUIPMENT IS PROVIDED WITH SAME.

6. INSTALL ELECTRICAL EQUIPMENT COMPLETE AS DIRECTED BY MANUFACTURER'S INSTALLATION INSTRUCTIONS. OBTAIN INSTALLATION INSTRUCTIONS FROM MANUFACTURER PRIOR TO ROUGH-IN OF THE ELECTRICAL EQUIPMENT, EXAMINE THE INSTRUCTIONS THOROUGHLY. WHEN REQUIREMENTS OF INSTALLATION INSTRUCTIONS CONFLICT WITH WORKSPACE REQUIREMENTS OF CEC. LOCATE EQUIPMENT IN ROOMS OR SPACES DEDICATED TO SUCH EQUIPMENT. 6-FEET MINIMUM CLEARANCE.

A. APPLY DERATING FACTORS. INCREASE CONDUCTOR SIZE AS NEEDED.

B. DO NOT CHANGE THE INTENT OF THE BRANCH CIRCUITS OR CONTROLS WITHOUT APPROVAL. HOMERUNS FOR 20 AMP BRANCH CIRCUITS MAY BE COMBINED TO A MAXIMUM OF SIX CONDUCTORS IN A HOMERUN.

C. WIRING DIAGRAMS, PRODUCT DATA, GUARANTEES, AND MANUFACTURER'S INSTALLATION INSTRUCTIONS TO CHECK THAT MANUFACTURER'S INSTALLATION INSTRUCTIONS MEET REQUIREMENTS OF ASTM E814, STANDARD TEST METHOD FOR FIRE TESTS OF THROUGH-PENETRATION FIRE STOPS.

D. MOUNT插座 AT CORNER OF WALLS AND CEILINGS TO MINIMIZE INSTALLATION CONFLICTS.

E. MOUNT CENTER OF OUTLET BOXES AS REQUIRED BY AMERICANS WITH DISABILITIES ACT (ADA), OR NOTED ON DRAWINGS, THE FOLLOWING DISTANCE ABOVE THE FLOOR:

CASING AND BOXES: INSTALLATION INSTRUCTIONS 若要获得精确的文本内容，我们建议您保持现有的阅读顺序和结构，因为这可能是文档的关键格式。