L-1141 AUTOMOTIVE CLASSROOM RENOVATION
COLLEGE COMPLEX

Los Medanos College
2700 EAST LELAND DRIVE, PITTSBURG, CA 94565

CONTRA COSTA COMMUNITY COLLEGE DISTRICT
500 COURT ST. MARTINEZ, CA 94553

CONSTRUCTION DOCUMENTS
December 18, 2017

CONTA BORNE 10014 AUTOMOTIVE CLASSROOM RENOVATION
COLLEGE COMPLEX

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NORTHERN CALIFORNIA

PROJECT SITE

PITTSBURG

REMODEL AREA

LOS MEDANOS COLLEGE
SECTOR 952 PARTIAL LEVEL 3 REMODEL
SEE ATTACHMENT FOR SCOPE OF WORK
PLUMBING GENERAL NOTES
1. Ductwork shall be installed per the manufacturer's instructions.
2. Conduit and cable trays shall be installed per the manufacturer's instructions.
3. All electrical and mechanical systems shall be installed per the manufacturer's instructions.

PLUMBING LEGEND

Piping, ductwork, and electrical distribution systems shall be installed per the manufacturer's instructions. All systems shall be installed per the manufacturer's instructions. The following mechanical, electrical, and plumbing components shall be properly attached to the structure and connected to the appropriate systems. All systems shall have proper connections made between the components and associated electrical, plumbing, and mechanical systems.

GAS SHUT-OFF VALVES IN BOX

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

P001

MEP COMPONENT ANCHORAGE NOTE

All mechanical, plumbing, and electrical components shall be anchored and installed per the manufacturer's instructions. The following components shall be properly anchored to the structure and connected to the appropriate systems. All systems shall have proper connections made between the components and associated electrical, plumbing, and mechanical systems.

PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

The following mechanical, electrical, and plumbing components shall be properly anchored to the structure and connected to the appropriate systems. All systems shall have proper connections made between the components and associated electrical, plumbing, and mechanical systems.

LOW PRESSURE, NONTHERMAL, DISCHARGING PIPING (S" WELD)
DEMO DEMO:

DEMO SHEET NOTES:
- Locations of existing trunks and pipes shown are approximate only and do not necessarily represent all of plumbing components that will remain in the wall. It is the responsibility of contractor to confirm the location of all plumbing components to be removed prior to beginning work and to provide all necessary information required to complete the plumbing system installation as required.

DEMO KEYNOTES:
- EXISTING TRUNKS TO REMAIN TYPES IN PLACED DURING CONSTRUCTION.
- REMOVE COPPER PIPES AND VALVES, CUT AND PREPARE PIPE FOR CONNECTION TO NEW SILL SCUTTLE.
- REMOVE COPPER PIPES AND CPW COP CEILING.

PLUMBING DEMO FLOOR PLAN

KEYNOTES:
- REMOVE 1" X 4" OAK DRY-WALL PANEL WHERE NECESSARY BUT SEE DETAIL

PLUMBING NEW FLOOR PLAN
### Scope of Work

Initial for the fire alarm systems being added to the plans and drawings as follows:

- Fire alarm systems will be installed in accordance with local codes and standards.
- The fire alarm systems will be designed to protect the entire building.
- All fire alarm devices will be installed in accordance with the manufacturer's instructions.
- The fire alarm system will be tested and commissioned by a qualified technician.

### Type of System

- The fire alarm system will be a conventional type, consisting of smoke detectors and heat detectors.
- The system will be monitored by a central station for rapid notification.

### Applicable Codes

- NFPA 72: National Fire Protection Association
- UL 268: Standard for Fire Alarm Signaling Systems
- UL 1014: Standard for Fire Alarm Systems

### Fire Alarm System Notes

1. All devices shall be marked with the manufacturer's name, model number, and rating.
2. The system shall be designed to operate in accordance with the local building code.
3. The system shall be capable of detecting smoke and heat in multiple locations.
4. The system shall be capable of initiating an alarm in the event of a fire.
5. The system shall be capable of communicating with other systems in the building.
6. The system shall be tested and certified by a qualified technician.

### Fire Alarm System List

- Smoke detectors
- Heat detectors
- Manual fire alarm pull stations
- Fire alarm control panels
- Fire alarm power supplies
- Fire alarm power transformers

### Bill of Materials

- [Table of materials with detailed specifications]

### Typical Elevations

- Pulls/Horn/Strobe

### Typical Fire Alarm Details

- [Diagram showing typical fire alarm details]

### Fire Alarm Riser Diagram

- [Diagram showing fire alarm riser]

### Existing Fire Alarm Control Panel Battery Calculations

- [Diagram showing battery calculations]

### Existing Fire Alarm Control Panel Battery Calculations

- [Formula and calculations]

### Fire Alarm Riser Diagram

- [Diagram showing fire alarm riser]

### Approved DSA Appl.

- [Diagram showing approved DSA application]

### Fire Alarm Notes, Symbols & Schedules

- [Diagram showing fire alarm notes, symbols, and schedules]