

## **Sunnyvale R&D**

### **Architect Supplemental Information & clarifications**

#### **CLARIFICATION 1: Sheet CS102**

Define general intent of fill adjacent to the new sidewalk that enters from the existing parking area at new Lobby?

#### **Response:**

Elevation of fill at the sides of the new sidewalk (at the front of the Lobby) shall be 10" below the elevation of the new sidewalk. Toe the new fill into the existing grade at the new pavement removal cut line and slope at end of fill at 3 to 1. Provide sidewalk base course five feet beyond each side of the new sidewalk.

#### **CLARIFICATION 2: Sheet CU101**

The existing FDC is not there?

#### **Response:**

The FDC shown on CU101 does not exist. Provide a new FDC (fire department connection) at the existing fire hydrant at the west side of the existing parking lot.

#### **CLARIFICATION 3: Sheet CU101**

What are the size of the concrete pads at the mechanical equipment yard?

#### **Response:**

Reinforced concrete equipment pads are required at the mechanical equipment. The size of the pad may vary and is approximately shown on the drawings. The contractor shall define the pads sizes during the development of contractor shop drawings. No additional costs shall be requested by the contractor or paid by the Government for contractor's required adjustment to size of mechanical equipment pads.

#### **CLARIFICATION 4: Sheet CU501**

Is there mesh added to the gates at the mechanical equipment yard permanent fencing?

#### **Response:**

Yes, both the fencing and the gates have the mesh added to them. Provide mesh.

#### **CLARIFICATION 5: Sheet AE650 Series Wall Sections**

The wall sections show connections at the floor, beams and other locations. The walls sections also show horizontal bridging. Please provide more definition to these details.

**Response:**

See attached updated wall sections. The details and notes show the MINIMUM requirements for attachment of the steel studs and curtainwall systems. Additional requirements for attachment are necessary to meet the minimum blast design criteria outlined in the specifications. This may include , but not limited to, additional anchors, embedded plates, heavier gauge material, and reinforcing steel for aluminum members.

**CLARIFICATION 6: Sheet AE907**

Define roof penetrations?

**Response:**

See roof plan. See specifications.

Roof boots are required at each roof penetration such as, but not limited to; conduit, pipes, steel columns and similar penetrations to roofing. The details of these roofing boots shall be by the contractor based upon the manufacturers' details and specific system requirements. Warranty and participation of the manufacturer is required for the roofing system. Curbs are required for duct penetrations.

**CLARIFICATION 7: Sheets CD101, CU101 & SS001**

How much stockpiled soil is on site? Is the soil ready for use as compacted fill?

**Response:**

The soils stockpiles on site are for use as building fill material. Estimated quantity is 450 cubic yards.

**CLARIFICATION 8: Sheet SS503**

Define thickness of horizontal HSS 6 x 6. Detail 3.

**Response:**

See 6/SS503, 3/16.

**CLARIFICATION 9: Sheet SS503**

The details show a seismic expansion joint from the existing Lobby building to the new addition. Are seismic joints required for mechanical, electrical, plumbing and electrical systems that pass thru this joint?

**Response:**

Yes, all building systems are to be isolated from seismic building movement between the two buildings. Provide appropriate seismic joints for type of system materials and configuration.