1 Subcontract No: 10-C0162 Date: 8/11/2011

2 Project Title: Technology and Engineering Development Facility Project

3 CCR No: 30 PR No. FTCCT

4 CCR Title: Display wall at TED Building main entrance

5 Description:
Provide additional detail and clarification for work associated with the display wall at the main entrance to the TED building. Add through wall vents on the east side of the display wall.

6 Changes in Drawings/Sketches:
CPA-0035 – Clarify display wall door swings. Provide reference tags for display door/sidelight jamb detail. Provide display wall roof plan to clarify brick types at coping.
CPA-0035A – Add through wall vents on the east side of display wall.
CPA-0036 – Provide reference tag for display door/sidelight jamb detail. Clarify thin brick veneer on display wall. Clarify material of interior back of display wall. Clarify transition between brick veneer on face of display wall and thin brick on jambs.
CPA-0037 – Provide detail at transition brick veneer on face of display wall and thin brick on jambs for clarification.

7 Changes in Specifications:
Display Doors & Sidelights Specifications
BRICK VENEER W/ CFMF BACK-UP:
BRICK VENEER
AIR SPACE
AVB
SHEATHING
CFMF

SEE EXT ELEV FOR BRICK SHELF ELEVATIONS

BRICK ROWLOCK COPING
PROVIDE NORMAN SIZE BRICK SLOPE@ ½" PER FOOT
MATCH BRICK COLORS INDICATED ON EXTERIOR ELEVATIONS

EXTERIOR GRADE GYPSUM SHEATHING (PTD)

LIGHT FIXTURE
SEE ELEC. DWGS.

CAST STONE HEAD

2" x 2" x 1/4" EXTRUDED ALUM CHANNEL REVEAL

STAINLESS STL DISPLAY HANGERS
THIN BRICK VENEER

1/2" ANNEALED LAMINATED GLASS DISPLAY WALL DOORS

EXTERIOR GRADE GYPSUM SHEATHING (PTD)

CAST STONE SILL

WD BENCH W/ GALV PTD STL BRACKETS @ 4'-0" O.C. BY BENCH INSTALLER

WD EDGE TRIM BY BENCH INSTALLER TO COCEAL BRACKETS EDGES

CONCRETE PAVING, SEE CIVIL DWGS
BRICK VENEER
MAS TIE @ 16" VERT & HORIZ (TYP.)
AVB

EXT GRADE GYPSUM SHEATHING (PTD.)

SL & BK RD
EXT SHEATHING
CFMF

MOISTURE BARRIER:
"TYVEK COMMERCIAL WRAP D"

THIN BRICK VENEER
"TYPE 2A"
ON BOND COAT
ON SCRATCH COAT
ON WIRE LATH

DISPLAY DOOR / SIDELIGHT
PT WD. BLOCKING

ALIGN

2" X 2" X 1/4" ANODIZED AL EXTRUSION SET IN MASTIC
LINE OF CAST STONE SILL BELOW
AVB

MAS TIE @ 16" VERT & HORIZ (TYP.)
BRICK VENEER

JAMB PLAN DETAIL AT TED BUILDING DISPLAY WALL
SCALE: 3" = 1'0"

Copyright © 2011 by EWING COLE

PROJECT
JEFFERSON LAB TEDF TWD
DRAWING TITLE
TED Building Display Wall Jamb Detail

PROJECT NO.
2050400
REF. DWG.

SCALE
3" = 1'0"

DRAWN BY
S.S.

DRAWING NO.
CPA-0037

DATE 07.12.2011

CCR-30
DISPLAY DOORS & SIDELIGHT SPECIFICATIONS:

PERFORMANCE REQUIREMENTS - Provide display doors and sidelights system, including anchorage, capable of withstanding, without failure, the effects of the following:

1. Structural loads, including for wind and seismic (Wind and seismic loads are indicated on drawings)
2. Thermal movements.
3. Movements of supporting structure indicated on Drawings including, but not limited to, story drift, twist, column shortening, long-term creep, and structural deflection from uniformly distributed and concentrated live loads.
4. Dimensional tolerances of building frame and other adjacent construction.

B.O.D - Blumcraft Series 1301-SM

GLASS - shall be 1/2” thick clear annealed laminated.

TOP AND BOTTOM RAILS - shall be of 1 ¼” square solid aluminum, clad with stainless steel.

VERTICAL EDGES - shall be polished glass.

TOP AND BOTTOM PIVOTS - shall be Blumcraft AP-150 and BP-150 installed on the surface of cast stone head and sill.

KEY CYLINDER LOCK - shall be #7150 lever type cam lock recessed in face of bottom door rail. Strike plate ST-150 is included.

SIDELITES - shall have glass and rails perfectly matching the doors.

ROLLER CATCH - shall be #593 recessed at top of door

FINISH - of all exposed metalwork shall be satin stainless steel.

CONSTRUCTION AND TESTING - of doors shall be completely built in Blumcraft's factory with top and bottom members bonded to the glass with a special process under controlled conditions. Each door and sidelight shall be physically tested in Blumcraft’s factory for functions before shipment.

INSTALLATION - shall be made in accordance with manufacturer's recommendations. Display wall framing and jambs shall be rigidly set square and plumb to receive the doors & sidelights top and bottom rails. Top and bottom pivots installed on cast stone units at head and sill provide adjustability for proper alignment of doors. The installer shall be fully responsible for properly aligning and setting the doors all in accordance with the manufacturer's recommendations.

PROTECTION - during and after installation, the general contractor shall provide adequate protection against stains and damage during construction.
SHOP DRAWINGS - shall be prepared by display doors & sidelights manufacturer