

ALTERNATE BID ITEM GENERAL NOTES:

THIS STRETCHED FABRIC CANOPY SYSTEM IS A PERFORMANCE SPECIFICATION, CONSISTS OF THREE PARTS: THE STEEL FRAME STRUCTURE, THE STRETCHED FABRIC PANELS AND THE GALVANIZED STEEL CATWALK OVER THE BULK FUEL STORAGE TANKS. PERFORMANCE REQUIREMENTS ARE: PROVIDE METAL FRAME STRETCHED FABRIC CANOPY SYSTEM CAPABLE OF WITHSTANDING HORIZONTAL WIND LOADS OF 90 MPH, SNOW AND ICE LOADS OF 10 PSF AND WIND-UPLIFT RESISTANCE OF 90 MPH.

- 1. THE MÉTAL FRAME SYSTEMS WILL BE SIZED TO CARRY THE FABRIC CANOPY SECTIONS UNDER THE LOADS INDICATED AND SPACED AS INDICATED BETWEEN FUEL STORAGE TANKS WITHIN AND ON THE SECONDARY CONTAINMENT STRUCTURE. THE METAL FRAMING SYSTEM WILL BE 2-HOUR FIRE RATED USING SPRAYED CEMENTITIOUS FIRE RESISTIVE MATERIALS OR SIMILAR PRODUCTS. THE METAL FRAME SYSTEM WILL HAVE THE APPROPRIATE BRACING AND CROSS MEMBERS AND THE OUTSIDE LENGTH, EACH SIDE, WILL HAVE RAIN GUITERS MOUNTED TO CAPTURE AND DRAIN RAINVAITER INTO THE STORM SEVER AS INDICATED, PROVIDE DOWN SPOUTS AND CONNECTION TO STORMLINE "D" AND "E" (GUTTER DRAIN) EVERY THIRD COLUMN.
- 2. THE STRETCHED FABRIC CANOPY WILL BE COMPOSED OF A 20 YEAR RATED/ 15 YEAR WARRANTED PVC COATED POLYESTER CONSTRUCTED IN PANELS THAT CAN BE ATTACHED TO THE FRAMING STRUCTURE IN A METHOD THAT ALLOWS REPLACEMENT OF THE PANELS AS ROUTINE MAINTENANCE AND REPAIR OF THE FABRIC CANOPY. THE FABRIC MUST BE NON-FLAMMABLE (WILL NOT SUPPORT COMBUSTION) AND SHOULD MELT OR "SHRINK" BACK IF EXPOSED TO FLAME, FABRIC SHALL BE WATERPROOF. IT IS ASSUMED THAT THE COLOR OF THE CANOPY FABRIC WILL BE WHITE OR OFF—WHITE.
- 3. THE CALVANIZED STEEL CATWALK MAY BE ATTACHED TO THE CENTER COLUMNS OF THE CANOPY STEEL IF A CENTER POST IS USED.
- PROMDE SUBMITTALS ON CANOPY SIRUCTURE, CONNECTIONS, DETAILS AND MOUNTING TO CONCRETE STRUCTURE OR LOW WALLSTRUCTURAL DESIGN AND CALCULATIONS MUST BE SEALED BY A REGISTERD ENGINEER.

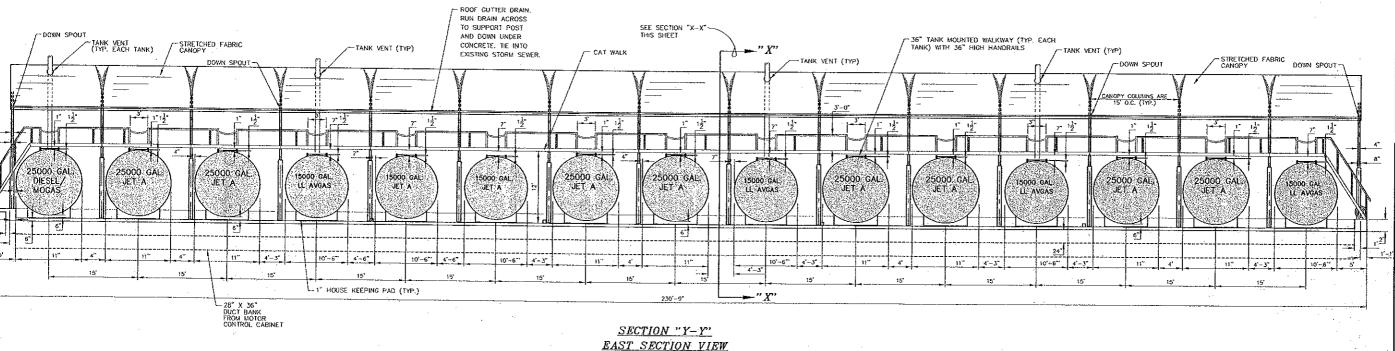


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BULK FUEL STORAGE AND
DISPENSING SYSTEM
SECTION "Y-Y" AND CANOPY
STRUCTURE DETAIL ALTERNATE BID
ESONGR SGL. PROJ. LEAD S.GL. APPROVED B.D.N.

DATE:OCTOBER 25, 2004 SHEET 33 OF 33



SCALE: 1/8" = 1'-0"