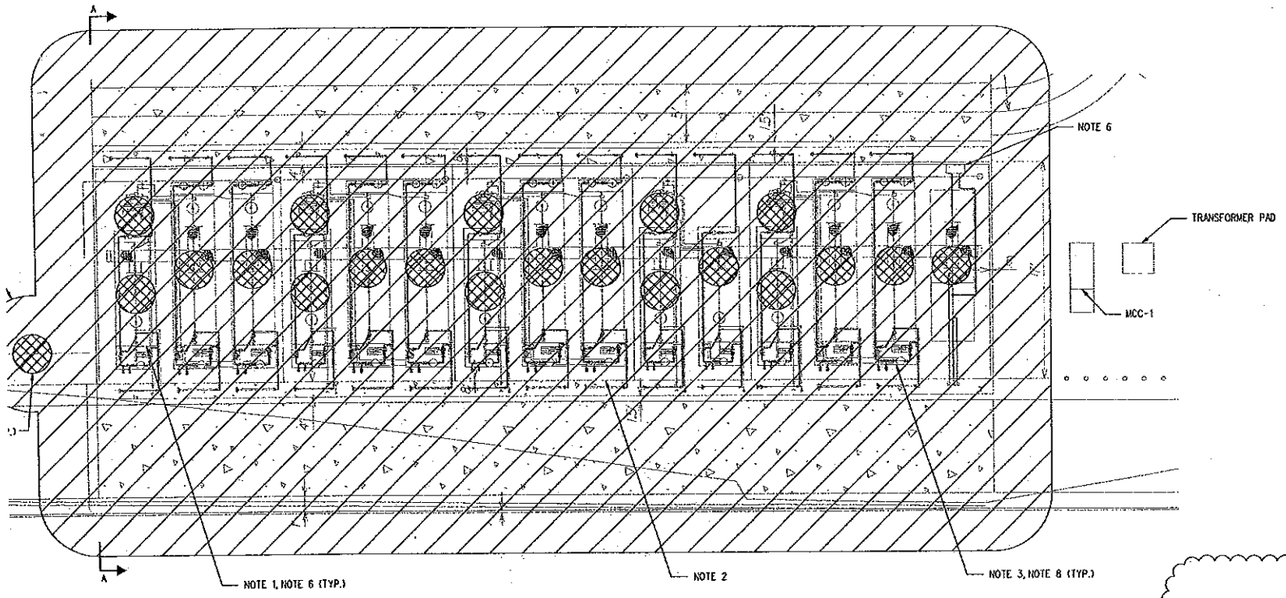
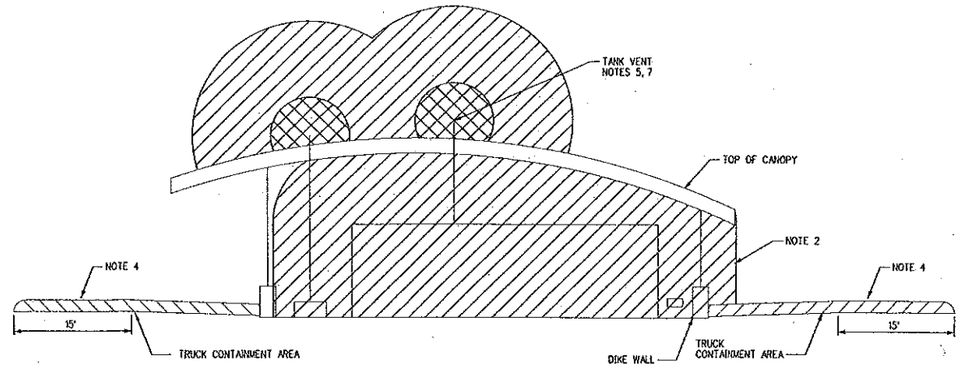




ALTERNATE BID ITEM CANOPY

SECTION A
NOT TO SCALE

NOTES:

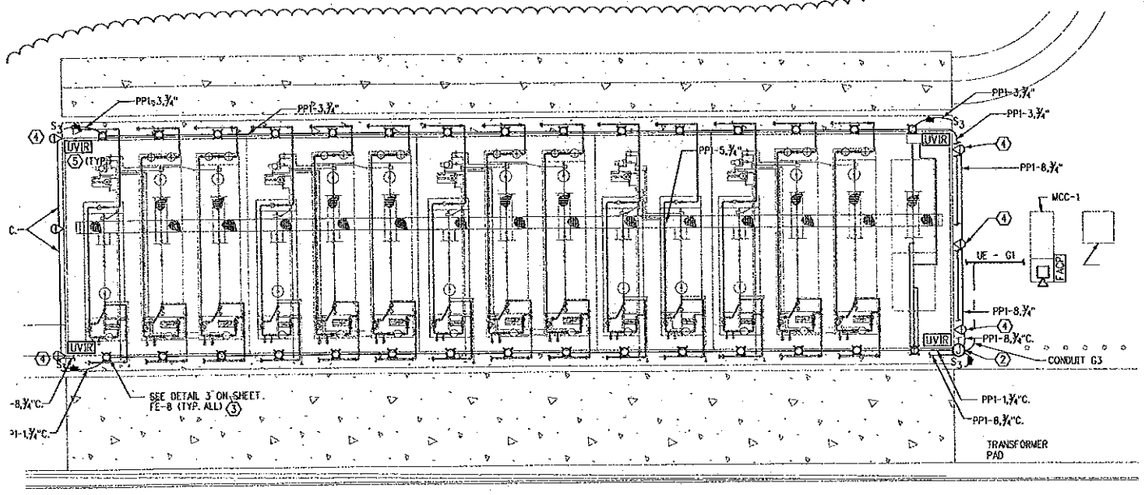
1. SPACE ABOVE THE FUEL LEVEL AND WITHIN THE TANK SHELL IS CLASS 1, DIVISION 1 AREA.
2. WITHIN 30' OF TANK SHELL, AND EXTENDING TO UNDERSIDE OF ALTERNATE BID CANOPY IS A CLASS 1, DIVISION 2 AREA.
3. WITHIN 3' OF ANY EDGE OF PUMP PAD DEVICES AND 18" ABOVE GRADE TO THE PUMP PAD CURB IS A CLASS 1, DIVISION 2 AREA.
4. SPACE UP TO 18" ABOVE GRADE AND 15' FROM THE EDGE OF THE CONTAINMENT AREA IS A CLASS 1, DIVISION 2 AREA.
5. WITHIN 5' OF OPEN TANK VENTS EXTENDING IN ALL DIRECTIONS IS A CLASS 1, DIVISION 1 AREA. VENT LOCATION DEPENDENT ON TANKS AND EQUIPMENT PROVIDED.
6. SPACE UP TO 18" ABOVE GRADE AND EXTENDING 20' FROM EDGE OF DISPENSER ENCLOSURE.
7. WITHIN 15' OF VENT IS A CLASS 1, DIVISION 2 AREA.
8. TANK MANWAY IS A CLASS 1, DIVISION 1 AREA.

HAZARDOUS AREA PLAN - TANK AREA

20' 0' 20' 40'
SCALE IN FEET

LEGEND:

- CLASS 1, DIVISION 1, GROUP D HAZARDOUS AREA.
- CLASS 1, DIVISION 2, GROUP D HAZARDOUS AREA.
- NON-CLASSIFIED AREA.



KEYED NOTES:

1. NOT USED
2. MOUNT NEMA 4X JUNCTION BOX ON CANOPY SUPPORT. ROUTE CONDUITS ALONG SUPPORTS.
3. MOUNT LIGHT FIXTURE TO UNDERSIDE OF CANOPY SUPPORT.
4. FLOODLIGHT MOUNTED TO SIDE OF CANOPY. SEE DETAIL 4, SHEET FE-8
5. MOUNT FLAME DETECTOR ON CANOPY SUPPORT AND AIM AT CENTER OF CONTAINMENT AREA.

ELECTRICAL SITE PLAN - LIGHTING/FIRE ALARM PLAN
(ALTERNATE BID ITEM - CANOPY)

20' 0' 20' 40'
SCALE IN FEET

NOTES:

1. SEE SHEET FE-11 FOR FIRE ALARM RISER.
2. SEE SHEET FE-11 FOR UNDER CANOPY LIGHTING CONTROL DIAGRAM.

STATE OF TEXAS
DAVID R. VAN FLEET
79633
REGISTERED PROFESSIONAL ENGINEER
David R. Van Fleet 4-14-05

ISSUED FOR BID
STAGE OF PLANS

ADD - FUEL
27514-000.00020
DGN NA
CADD FILE NO.

REV.	DATE	DESCRIPTION	APP.
1	03/23/05	REVISIONS PER ADDENDUMS AND NE	

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Washington Group International
Engineered Engineering, Construction, and Management Solutions

ADDISON AIRPORT
ADDISON, TEXAS

BULK FUEL STORAGE AND
DISPENSING SYSTEM
HAZARDOUS AREA AND
LIGHTING-FIRE ALARM PLANS

DESIGNER B.E.H. PROJ. LEAD J.H.B. APPROVED M.S.
CADD TECH. D.M.B. CHECKED D.R.V.

DATE: OCTOBER 25, 2004
SHEET 18 OF 33

DGN NA