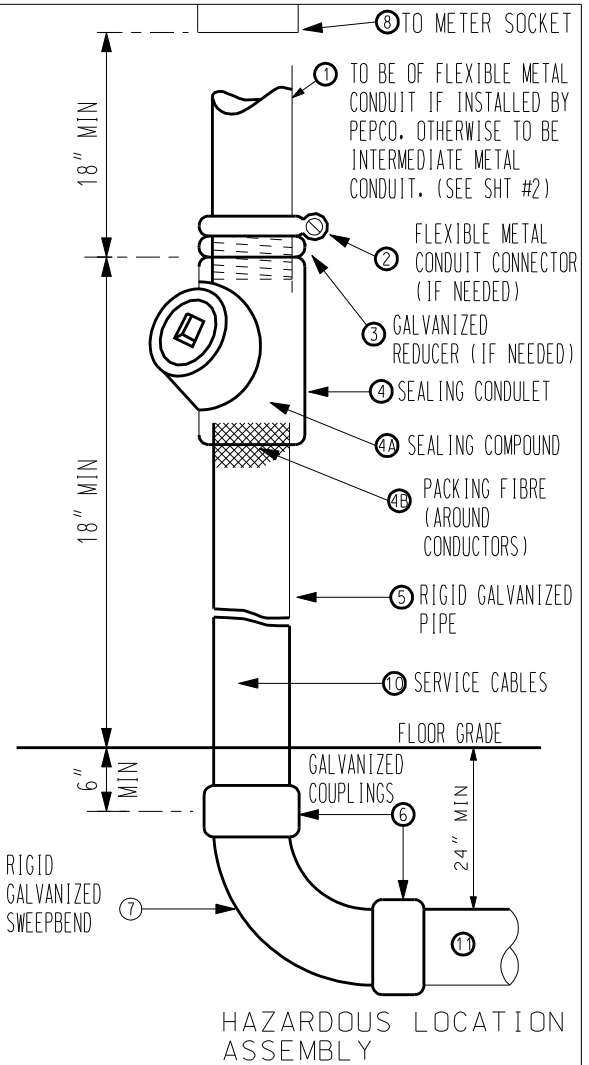


GENERAL NOTES:

I. HAZARDOUS LOCATIONS ASSOCIATED WITH GASOLINE DISPENSING AND SERVICE STATIONS.

- A. DISPENSING PUMP -** WITHIN 20 FEET HORIZONTALLY FROM ANY DISPENSING PUMP EXTENDING TO A LEVEL OF 18 INCHES ABOVE GRADE. REFER TO FIG. 1 SHT 2.
- B. TANK FILL PIPE -** WITHIN 10 FEET HORIZONTALLY FROM ANY TANK FILL PIPE EXTENDING TO A LEVEL OF 18 INCHES ABOVE GRADE. REFER TO FIG. 2 SHT 2.
- C. TANK VENT PIPES**
 - 1. **UPWARD DISCHARGE -** WITHIN A SPHERICAL VOLUME OF RADIUS 5 FEET MEASURED FROM THE POINT OF DISCHARGE. REFER TO FIG. 3 SHT 2.
 - 2. **DISCHARGE OTHER THAN UPWARD -** WITHIN A CYLINDRICAL VOLUME OF RADIUS 5 FEET MEASURED FROM THE POINT OF DISCHARGE EXTENDING TO THE GROUND. THE HAZARDOUS CYLINDRICAL VOLUME DOES NOT EXTEND BEYOND AN UNPIERCED WALL. REFER TO FIG. 4 SHT 2
- D. LUBRICATION ROOM -** THE SPACE BELOW FLOOR EXTENDING TO 18 INCHES ABOVE FLOOR OR GRADE.
- E. OTHER -** REFER TO THE NATIONAL ELECTRIC CODE FOR OTHER OCCUPANCIES THAT MAY BE HAZARDOUS BECAUSE OF ATMOSPHERIC CONCENTRATIONS OF FLAMMABLE LIQUIDS, GASES, OR VAPORS, OR BECAUSE OF DEPOSITS OR ACCUMULATIONS OF MATERIALS THAT MAY BE READILY IGNITABLE.
- F. THE SPACE WITHIN THE DISPENSER UP TO 4 FEET FROM IT'S BASE IS A CLASS 1 DIVISION 1 LOCATION. THIS CLASSIFICATION SHALL ALSO APPLY TO ANY SPACE BELOW THE DISPENSER THAT MAY CONTAIN ELECTRICAL WIRING OR EQUIPMENT. THE SPACE WITHIN 18 INCHES EXTENDING HORIZONTALLY FROM THE DISPENSER UP TO 4 FEET FROM ITS BASE SHALL BE CONSIDERED A CLASS 1 DIVISION 2 LOCATION. (REFER TO FIG. 1 SHEET 2).**



HAZARDOUS LOCATION ASSEMBLY

II. LOCATION OF PEPCO FACILITIES

- A. MINIMUM DISTANCES INDICATE RECOMMENDED DESIGN CLEARANCES IN ORDER TO MAINTAIN PEPCO AND CUSTOMER FACILITIES (REPLACE TANKS, PUMP ETC) AND INSTALLATION OF THE METER BOX OUTSIDE OF HAZARDOUS AREAS.**
- B. SPECIAL AUTHORIZATION FROM THE COMPANY IS REQUIRED FOR CLEARANCES LESS THAN THE ABOVE.**
 - 1. **ELECTRICAL EQUIPMENT INSTALLED OVER A HAZARDOUS AREA SHOULD BE LOCATED AT THE MAXIMUM DISTANCE POSSIBLE FROM THE DISPENSING PUMP, TANK FILL PIPE OR TANK VENT PIPE. REFER TO FIGURES 1,2,3 & 4 SHT 2 OF 2 FOR HAZARDOUS AREAS.**
 - 2. **BOTTOM OF METER BOX SHALL BE INSTALLED 3FT MINIMUM ABOVE GROUND LEVEL.**

<p>REFERENCES</p> <p>STANDARD DWG. NO. 6-1-959 FOR MATERIAL. ARTICLES 501 & 514 OF NATIONAL ELECTRIC CODE. 19</p>	<p>ITEMS COVERED</p> <p>INSTALLATION AND SEALING OF RIGID GALVANIZED PIPE FOR HAZARDOUS LOCATION.</p>	<p>NOTES</p>
--	--	---------------------

REV.	CHANGE	APP'D	TITLE HAZARDOUS LOCATIONS CUSTOMER DESIGN	PREP.	DATE 11/09/84 By S. Golden	DESIGN NO. CD.010.01 SHT. NO. 1 OF 2
				J.D.S. G.L.K.	APPROVED	