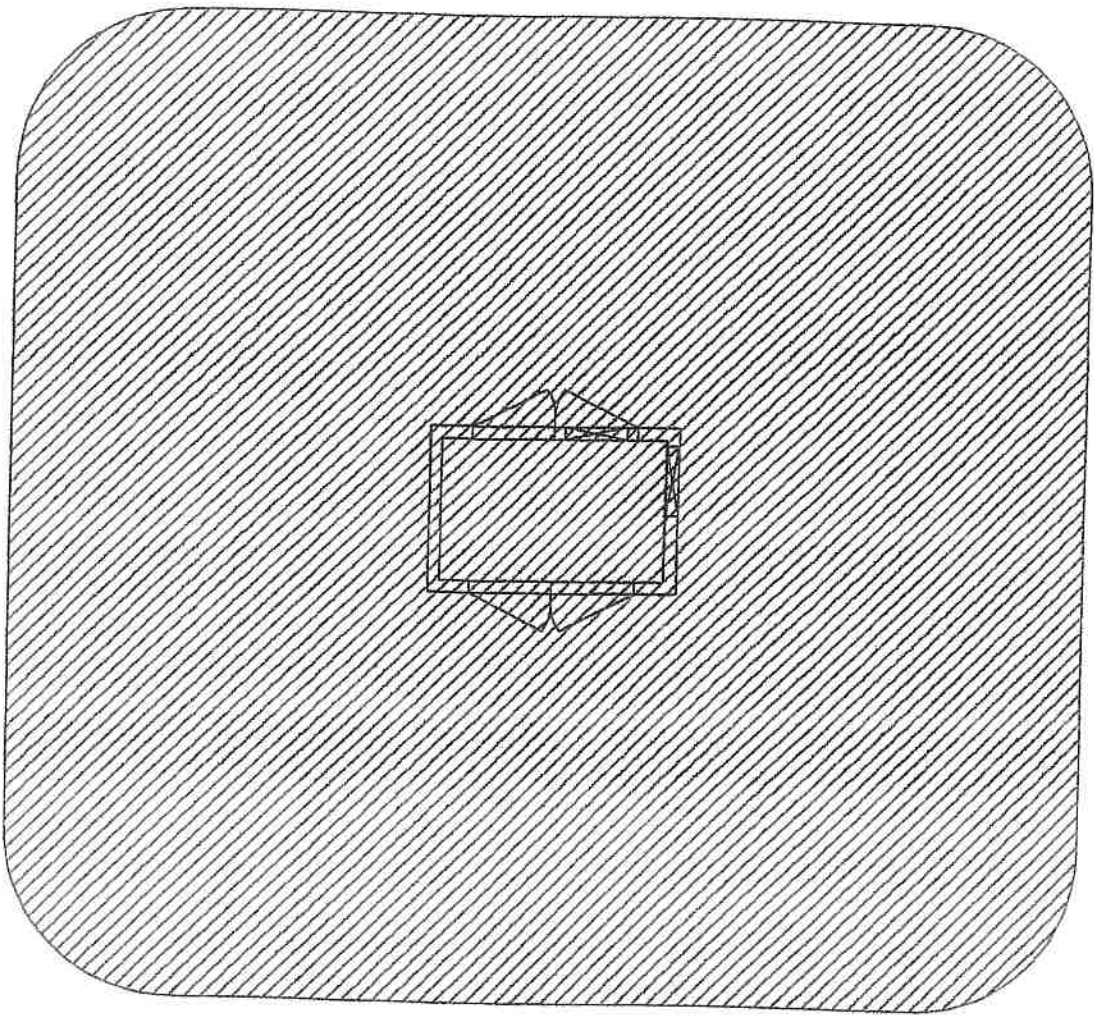


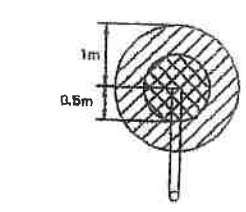


PLAN VIEW

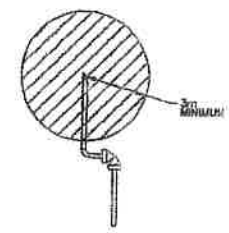
SUMMARY OF CONDITIONS:

THE CLASSIFICATION ASSIGNED TO THIS COMPRESSOR PACKAGE IS SUBJECT TO THE FOLLOWING CONDITIONS. IF ANY OF THESE CONDITIONS ARE NOT MET, THE AREA CLASSIFICATION IN THIS REPORT WILL NOT APPLY AND THE CLASSIFICATION OF THE INTERIOR OF THE COMPRESSOR ROOM WILL REVERT TO CLASS 1, ZONE 1 IN ACCORDANCE WITH THE LATEST EDITION OF THE SAFETY CODES COUNCIL "CODE FOR ELECTRICAL INSTALLATIONS AT OIL AND GAS FACILITIES".

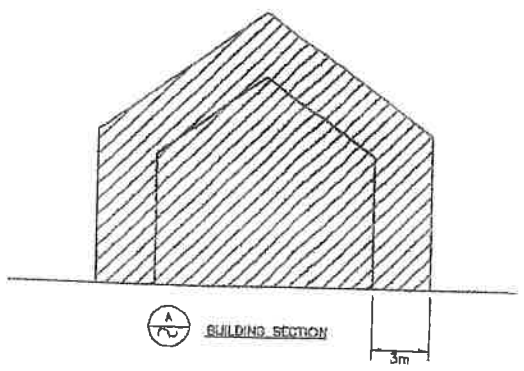
1. THE COMPRESSOR PACKAGE SHALL NOT BE INSTALLED IN A DIVISION 1, ZONE 0, OR ZONE 1 HAZARDOUS AREA CREATED BY OTHER EQUIPMENT AT THE SITE OF APPLICATION.
2. THE VENTILATION DEVICES MAY BE SHUT, BUT MAY NOT BE CLOSED OFF OR REMOVED. IF CHANGES TO THE DESIGN ARE REQUIRED THAT WILL REDUCE THE VENTILATION RATE IN THE COMPRESSOR ROOM, THE EFFECT OF THE CHANGES ON THE CONCENTRATION OF FUGITIVE EMISSIONS MUST BE EVALUATED.
3. ANY DEVIATIONS FROM THE DESIGN OF THIS COMPRESSOR PACKAGE WITH RESPECT TO THE PIPING, VALVES AND FITTINGS AS SHOWN IN THE PC COMPRESSOR DRAWINGS MUST BE EVALUATED FOR THEIR EFFECT ON THE CONCENTRATION OF FUGITIVE EMISSIONS IN THE BUILDING.
4. PROCEDURES AND CONTROLS MUST BE IN PLACE TO ENSURE ABNORMAL SITUATIONS RESULTING IN COMBUSTIBLE CONCENTRATIONS OF GAS INSIDE THE COMPRESSOR ROOM DO NOT PERSIST FOR MORE THAN 10 HOURS PER YEAR. DUE TO THE SIGNIFICANCE IN OPERATIONS AND MAINTENANCE OF THIS COMPANY USING THE COMPRESSOR PACKAGE, NOT THE COMPRESSOR PACKAGE MANUFACTURER, BECAUSE IT IS THE MOST RELIABLE, ECONOMICAL, AND PRACTICAL METHOD AVAILABLE TODAY TO MEET THIS REQUIREMENT, IT IS RECOMMENDED THAT A COMBUSTIBLE GAS DETECTION SYSTEM BE PERMANENTLY INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, OR IN ACCORDANCE WITH ANSI/ISA RECOMMENDED PRACTICE 12.13, PART II, INSTALLATION OPERATION AND MAINTENANCE OF COMBUSTIBLE GAS DETECTION INSTRUMENTS (ALSO SEE CONDITION #5).
5. THE COMPRESSOR PACKAGE MUST BE MAINTAINED IN A MANNER THAT WILL ENSURE SIGNIFICANT LEVELS OF COMBUSTIBLE GAS (ABOVE 1 - 5 % OF THE LEL) DO NOT EXIST UNDER ANY NORMAL OPERATING CONDITIONS.
6. THE DESIGN OF THIS BUILDING IS BASED ON USE WITH GROUP D OR IA GASES. USE WITH GASES IN OTHER GAS GROUPS WILL REQUIRE REVIEW OF THE INSTALLED ELECTRICAL EQUIPMENT AND REPLACEMENT OF ANY DEVICES NOT SUITABLE FOR THE OTHER GAS GROUPS. FURTHERMORE, THE EXTENT OF THE ZONE 2 BOUNDARIES AROUND THE COMPRESSOR ROOM MUST BE RE-EVALUATED IF LARGE CONCENTRATIONS OF HIGHER THAN AIR GASES ARE PRESENT.
7. THE CONCLUSIONS OF THIS AREA CLASSIFICATION REPORT ARE BASED ON THE UNDERSTANDING THAT THIS COMPRESSOR PACKAGE WILL BE INSTALLED IN A FIELD GAS APPLICATION. IF THIS COMPRESSOR IS INSTALLED IN GAS PLANT APPLICATIONS WHERE GAS STREAMS MAY BE DRY METHANE, OR IF APPLICATIONS WHERE AN 4322 TABLE E1 SHOULD NOT APPLY, THE CONCENTRATION OF FUGITIVE EMISSIONS IN THIS BUILDING MUST BE RE-EVALUATED.



INSTRUMENT VENT IN A
NON-ENCLOSED ADEQUATELY VENTILATED AREA
ELEVATION VIEW
NTS



RELIEF VALVE IN A NON-ENCLOSED
ADEQUATELY VENTILATED AREA
ELEVATION VIEW
NTS



BUILDING SECTION
3m

- LEGEND:**
- CLASS 1 ZONE 0, GROUP IA OR GROUP D
ELECTRICAL EQUIPMENT SURFACE OPERATING TEMPERATURE MUST BE LESS THAN 482°C OR HAVE A T1 OR LOWER TEMPERATURE CODE
 - CLASS 1 ZONE 1, GROUP IA OR GROUP D
ELECTRICAL EQUIPMENT SURFACE OPERATING TEMPERATURE MUST BE LESS THAN 482°C OR HAVE A T1 OR LOWER TEMPERATURE CODE
 - CLASS 1 ZONE 2, GROUP IA OR GROUP D
ELECTRICAL EQUIPMENT SURFACE OPERATING TEMPERATURE MUST BE LESS THAN 482°C OR HAVE A T1 OR LOWER TEMPERATURE CODE
 - NON-HAZARDOUS AREA

NO.	DATE	REVISIONS	DRAWN	CHECK	DESIGN	APPR.	ENG. NO.	TITLE
0	06/11/14	ISSUED FOR CONSTRUCTION	MCH	SLP	SLP			
			DRAFTING	ENGINEERING				



APPROVED FOR CONSTRUCTION

DATE _____ REV. _____

PROJECT ENGINEERING

PC COMPRESSION INC.

STANDARD ROTORCOMP COMPRESSOR
AREA CLASSIFICATION DRAWING

CONTRACTOR NAME 1103104 ALBERTA INC.	SCALE NTS	DRAWING NUMBER PCC-061110	REV 0
CONTRACTOR DWG NUMBER			