

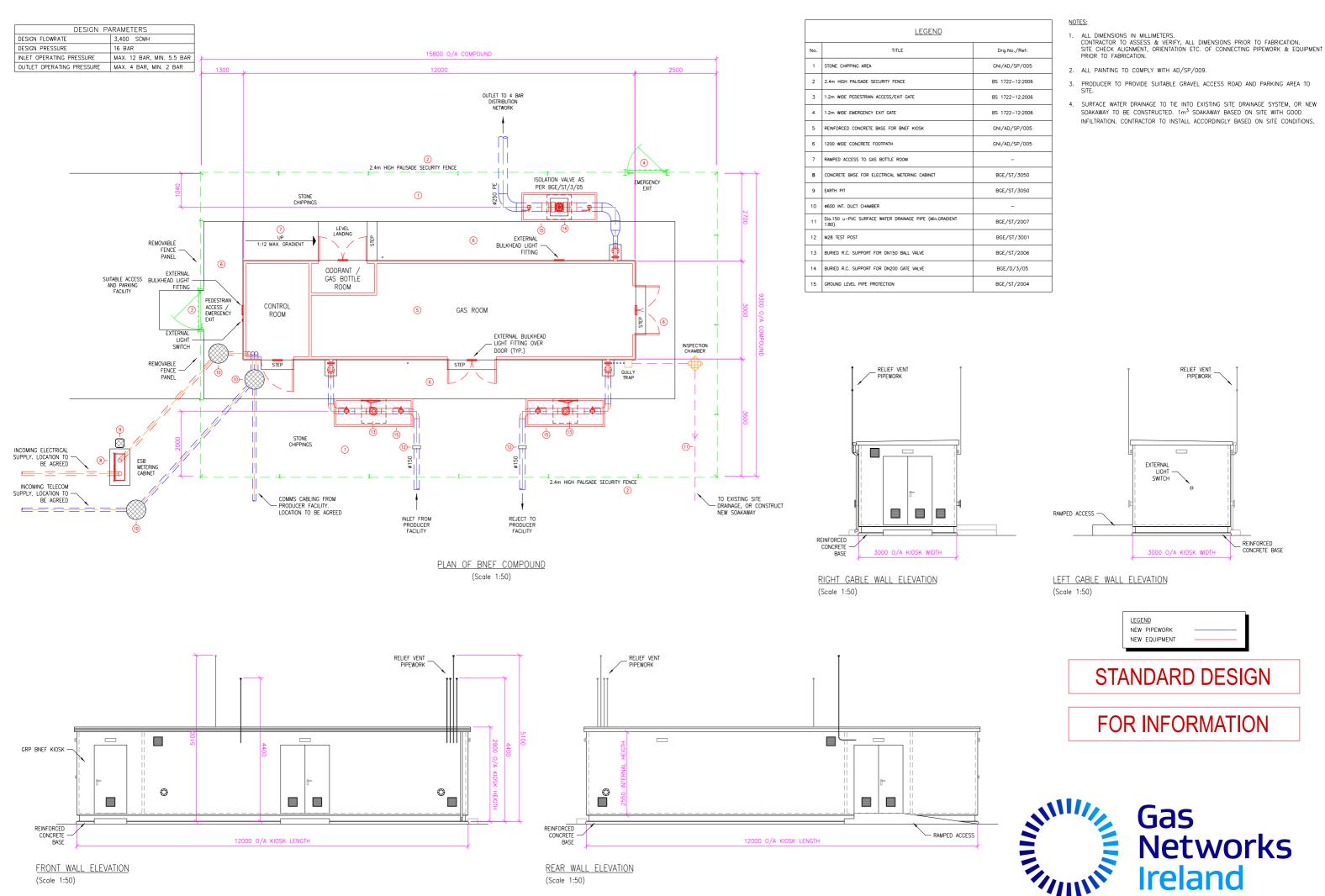
Biomethane

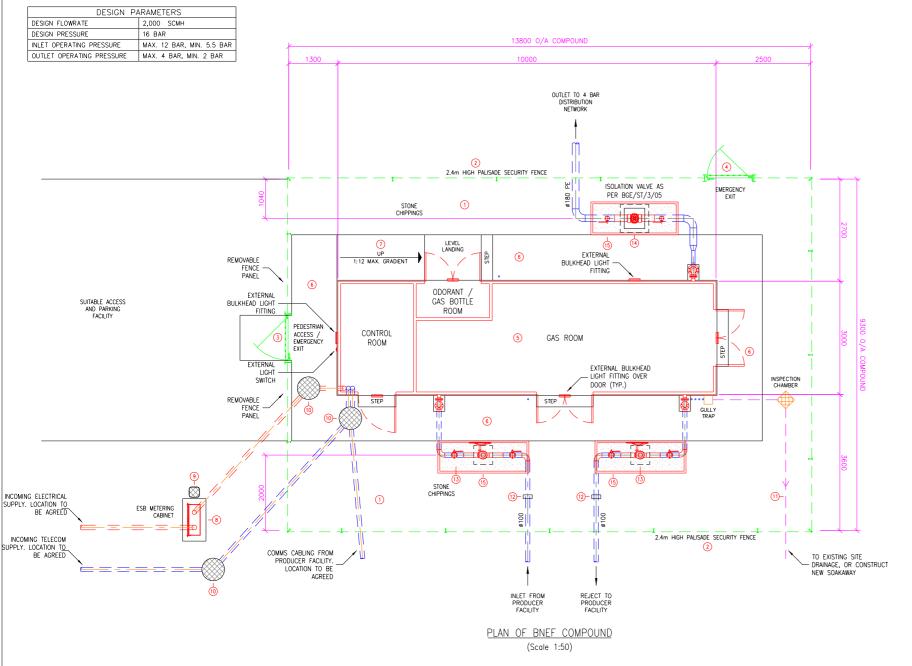


Biomethane direct connection to the distribution network

Customer technical information booklet



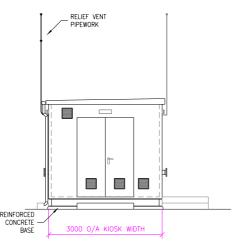




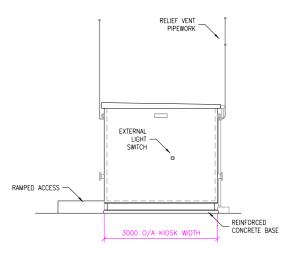
LEGEND					
No.	TITLE	Drg.No./Ref:			
1	STONE CHIPPING AREA	GNI/AD/SP/005			
2	2.4m HIGH PALISADE SECURITY FENCE	BS 1722-12:2006			
3	1.2m WIDE PEDESTRIAN ACCESS/EXIT GATE	BS 1722-12:2006			
4	1.2m WIDE EMERGENCY EXIT GATE	BS 1722-12:2006			
5	REINFORCED CONCRETE BASE FOR BNEF KIOSK	GNI/AD/SP/005			
6	1200 WIDE CONCRETE FOOTPATH	GNI/AD/SP/005			
7	RAMPED ACCESS TO GAS BOTTLE ROOM	-			
8	CONCRETE BASE FOR ELECTRICAL METERING CABINET	BGE/ST/3050			
9	EARTH PIT	BGE/ST/3050			
10	ø600 INT. DUCT CHAMBER	-			
11	Dio.150 u-PVC SURFACE WATER DRAINAGE PIPE (Min.GRADIENT 1:80)	BGE/ST/2007			
12	M28 TEST POST	BGE/ST/3001			
13	BURIED R.C. SUPPORT FOR DN100 BALL VALVE	BGE/ST/2006			
14	BURIED R.C. SUPPORT FOR DN150 GATE VALVE	BGE/D/3/05			
15	GROUND LEVEL PIPE PROTECTION	BGE/ST/2004			

NO

- ALL DIMENSIONS IN MILLIMETERS.
 CONTRACTOR TO ASSESS & VERIFY, ALL DIMENSIONS PRIOR TO FABRICATION.
 SITE CHECK ALIGNMENT, ORIENTATION ETC. OF CONNECTING PIPEWORK & EQUIPMENT
 PRIOR TO FABRICATION.
- 2. ALL PAINTING TO COMPLY WITH AD/SP/009.
- 3. PRODUCER TO PROVIDE SUITABLE GRAVEL ACCESS ROAD AND PARKING AREA TO SITE.
- 4. SURFACE WATER DRAINAGE TO TIE INTO EXISTING SITE DRAINAGE SYSTEM, OR NEW SOAKAWAY TO BE CONSTRUCTED. 1m³ SOAKAWAY BASED ON SITE WITH GOOD INFILTRATION. CONTRACTOR TO INSTALL ACCORDINGLY BASED ON SITE CONDITIONS.

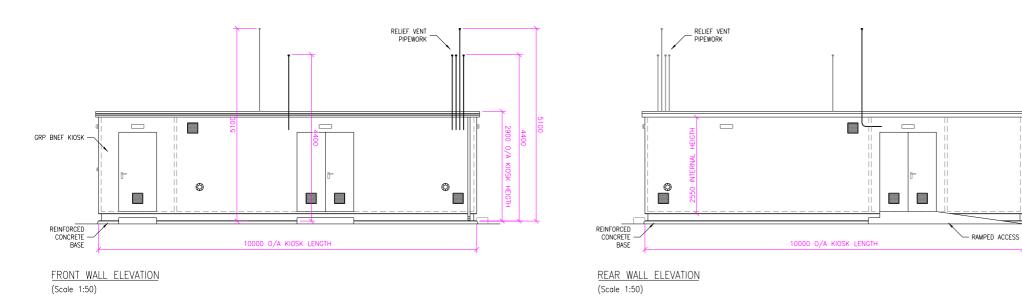


RIGHT GABLE WALL ELEVATION (Scale 1:50)



<u>LEFT GABLE WALL ELEVATION</u> (Scale 1:50)

LEGEND NEW PIPEWORK NEW EQUIPMENT





STANDARD DESIGN

FOR INFORMATION

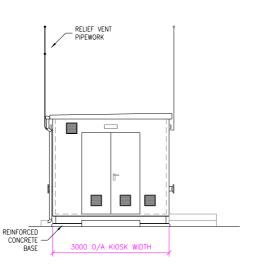
GENERAL ARRANGEMENT - DN80 BNEF PACKAGE

DESIGN F	PARAMETERS								
DESIGN FLOWRATE	800 SCMH								
DESIGN PRESSURE	16 BAR				118	00 O/A COMPOUND			
INLET OPERATING PRESSURE	MAX. 12 BAR, MIN. 5.5 BAR	<u> </u>							
OUTLET OPERATING PRESSURE	MAX. 4 BAR, MIN. 2 BAR	1040	1300		n HIGH PALISADE SECURIT	OUTLET TO 4 BAR DISTRIBUTION NETWORK Y FENCE ISOLATION VAL PER BGE/ST/		2500 EMERGENCY EXIT	27
	SUITABLE ACCESS AND PARKING FACILITY	3 A	© PEDESTRIAN ACCESS / MERGENCY XII	UP 1:12 MAX. GRADIENT CONTROL ROOM	ODORANT / GAS BOTTLE ROOM	GAS ROOM GAS ROOM STEP	KTERNAL BULKHEAD CHT FITTING OVER DOR (TYP.) GULLY TRAP		9300 O/A COMPOUND 3000 1 I
INCOMING ELECTRICAL SUPPLY. LOCATION TO BE AGREED INCOMING TELECOM SUPPLY. LOCATION TO BE AGREED	ESB METERING CABINET	COMMS CABLING F PRODUCER FACI	ility. 🖊 🚆	INLET FROM PRODUCER FACILITY	3 (5)	STONE CHIPPINGS H PALISADE SECURITY FENCE 2		REJECT TO PRODUCER FACILITY	TO EXISTING SITE DRAINAGE, OR CONSTR. NEW SOAKAWAY
					<u>PLAN</u>	OF BNEF COMPOU	<u>ND</u>		

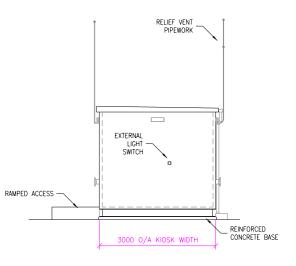
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12	M28 TEST POST	BGE/ST/3001				
13	BURIED R.C. SUPPORT FOR DN50 BALL VALVE	BGE/ST/2006				
14	BURIED R.C. SUPPORT FOR DN100 GATE VALVE	BGE/D/3/05				
15	GROUND LEVEL PIPE PROTECTION	BGE/ST/2004				

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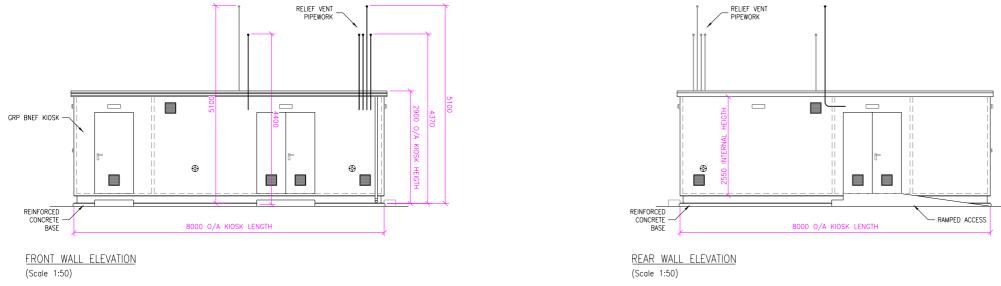
RIGHT GABLE WALL ELEVATION (Scale 1:50)



LEFT GABLE WALL ELEVATION

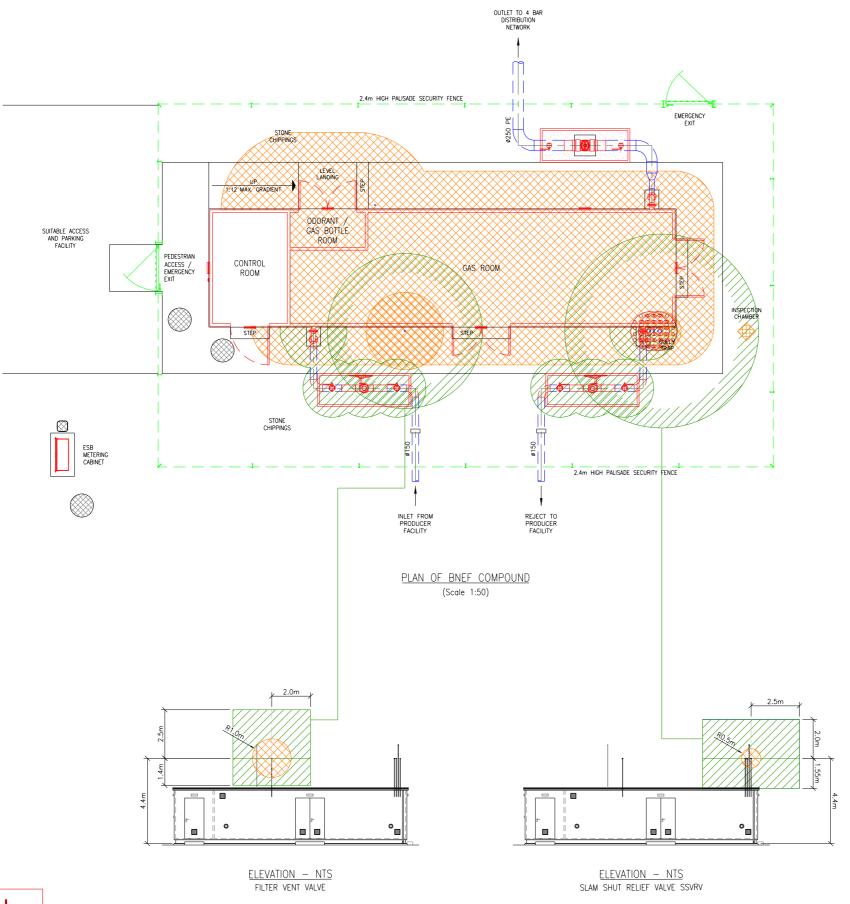
(Scale 1:50)

STANDARD DESIGN
FOR INFORMATION





GENERAL ARRANGEMENT - DN50 BNEF PACKAGE



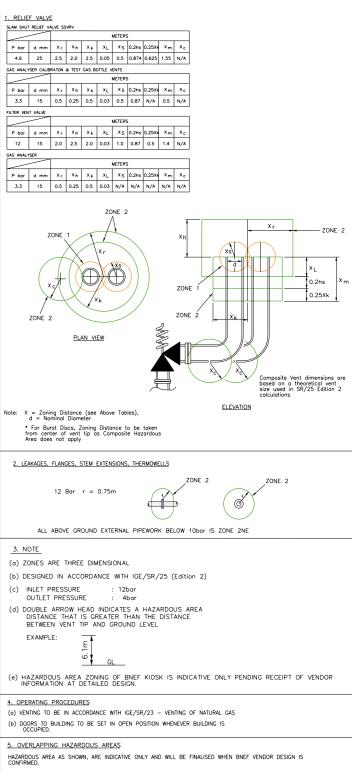
STANDARD DESIGN

LEGEND NEW PIPEWORK

NEW EQUIPMENT

FOR INFORMATION

HAZARDOUS AREA DRAWING - DN100 BNEF PACKAGE



5. OVERLAPPING HAZARDOUS AREAS

REFER TO 1620-TC-1001 FOR CALCULATIONS

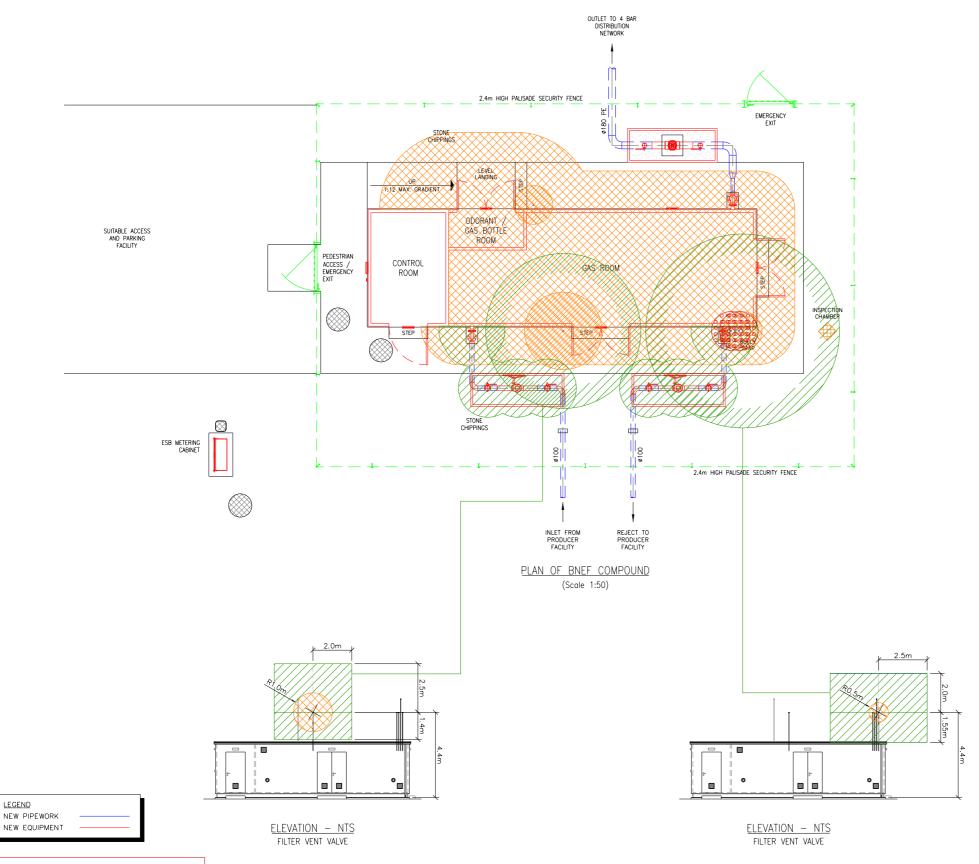










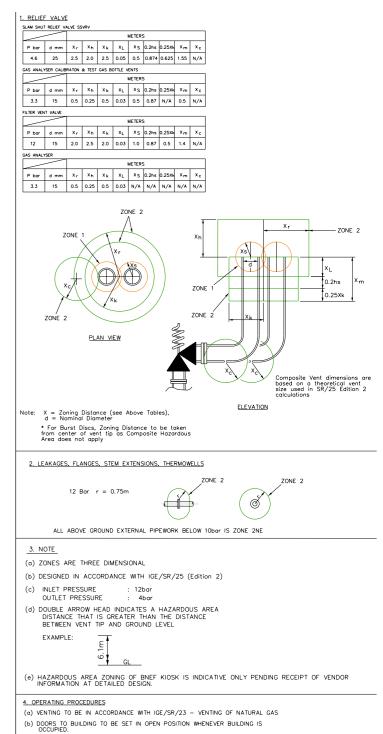


STANDARD DESIGN

LEGEND

FOR INFORMATION

HAZARDOUS AREA DRAWING - DN80 BNEF PACKAGE



OVERLAPPING HAZARDOUS AREAS

HAZARDOUS AREA AS SHOWN, ARE INDICATIVE ONLY AND WILL BE FINALISED WHEN BNEF VENDOR DESIGN IS CONFIRMED.

REFER TO 1620-TC-1001 FOR CALCULATIONS

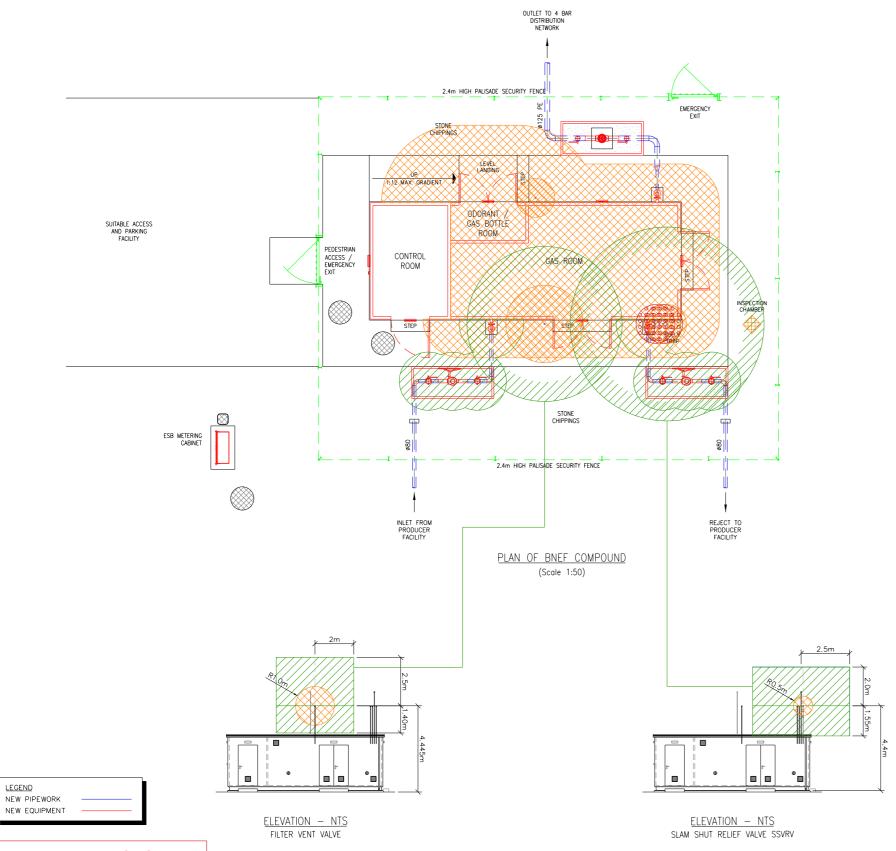










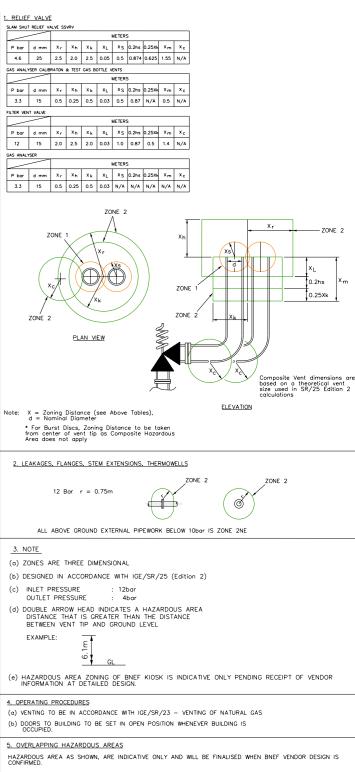


STANDARD DESIGN

LEGEND

FOR INFORMATION

HAZARDOUS AREA DRAWING - DN50 BNEF PACKAGE



REFER TO 1620-TC-1001 FOR CALCULATIONS

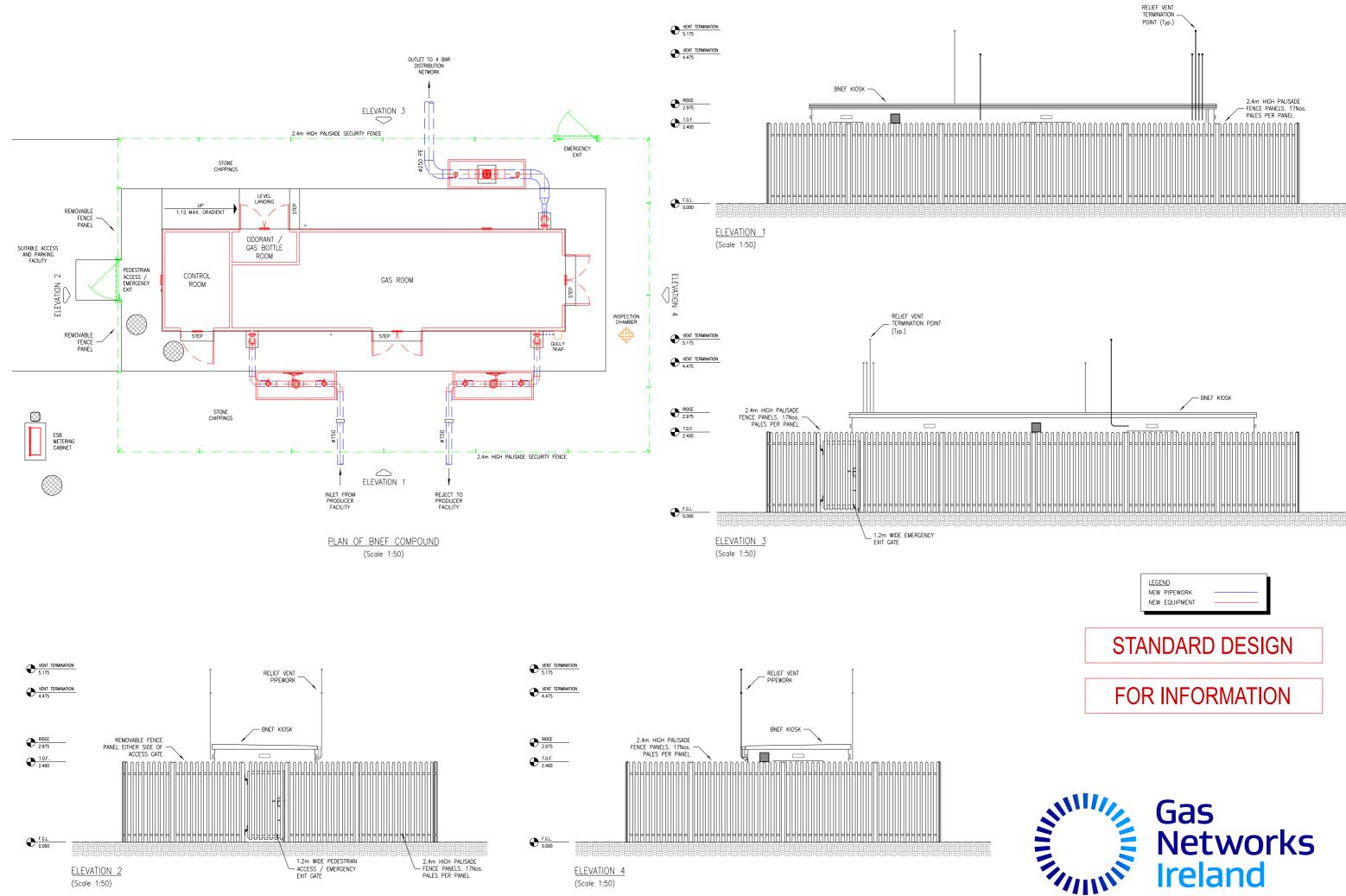




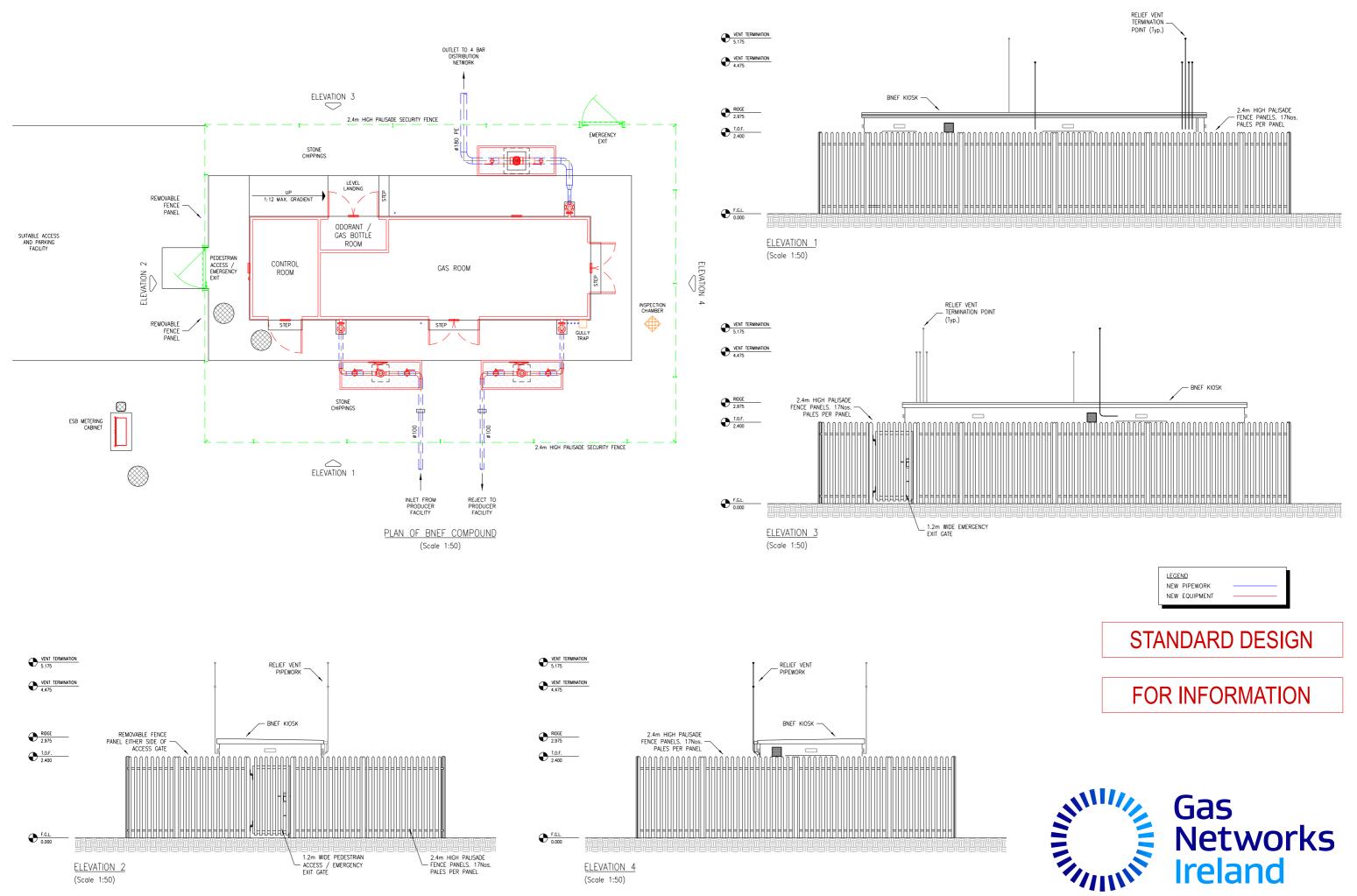




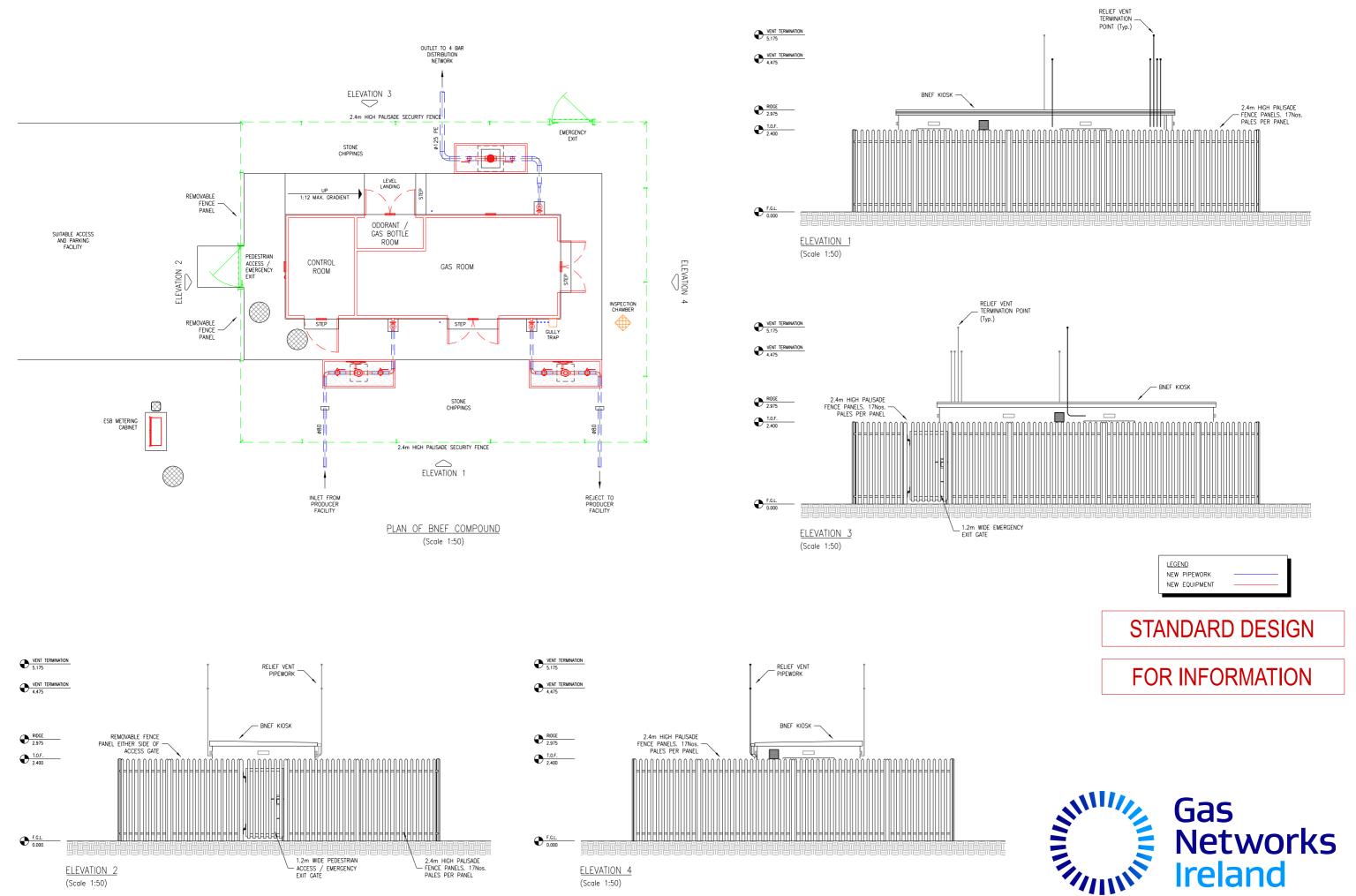




PROPOSED SITE ELEVATIONS - DN100 BNEF PACKAGE



PROPOSED SITE ELEVATIONS - DN80 BNEF PACKAGE



PROPOSED SITE ELEVATIONS - DN50 BNEF PACKAGE



The main contact details for Gas Networks Ireland are:

E Enquiries 1800 464 464

Lines open Monday to Friday 8am – 8pm and Saturday 9am – 5.30pm

24 Hour Emergency Service 1800 20 50 50

networksinfo@gasnetworks.ie

@GasNetIRL gasnetworks.ie