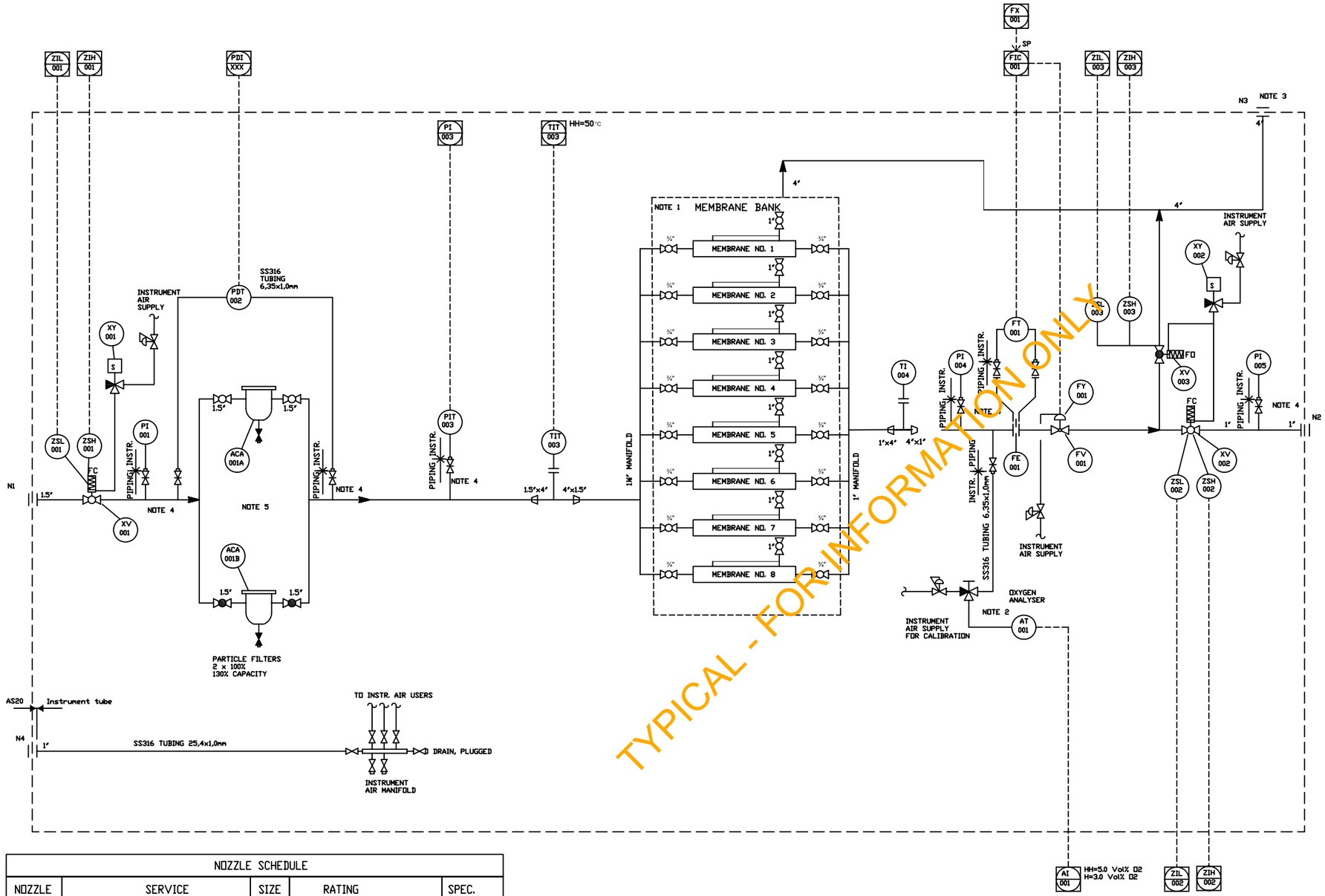

TYPICAL - FOR INFORMATION ONLY

REFERENCE DRAWINGS:

1280-200: GA DRAWING NITROGEN GENERATOR
1280-230: TERM. ARR. DRAWING NITROGEN GENERATOR

NOTES:

1. MEMBRANE MODULES TO BE FITTED WITH INSTRUMENT TUBE FOR CONNECTION TO MANIFOLDS. PROVISIONS FOR ISOLATION OF EACH MODULE WITH INSTRUMENT BALL VALVES
2. LOCAL CONTROL PANEL (Oxygen Analyser 4-20 mA signal) IS PART OF INMACO'S SCOPE OF SUPPLY.
3. PERMEATE OUTLET CONTAINS OXYGEN ENRICHED GAS WITH APPROXIMATELY 35 VOL % 02 DURING NORMAL OPERATION. TO BE ROUTED AND VENTED TO ATMOSPHERE (OUTSIDE ROM)
4. ALL PRESSURE INSTRUMENT OUTLETS TO BE FITTED WITH MONOFLANGE DOUBLE BLOCK AND BLEED VALVES.
5. FILTER PACKAGES (2 OFF) ARE PART OF THE SUPPLY. FILTER INCLUDED 2x130% CAPACITY.
6. ALL EQUIPMENT/COMPONENTS SUITABLE FOR ZONE 1 OPERATION
7. PIPING IN ACCORDANCE WITH NORSOK PIPING CLASS SHEET AS20
8. CONTROL BALL VALVES IN ACC. WITH NORSOK VDS BLAS10R (FULL BORE TYPE)
9. ALL INSTRUMENTATION AND WIRING TERMINATES IN JUNCTION BOX AT SKID EDGE.

NOZZLE SCHEDULE				
NOZZLE	SERVICE	SIZE	RATING	SPEC.
N1	AIR INLET	1.5"	ANSI B 16.5, Cl. 150 #, RF	AS20
N2	NITROGEN OUTLET	1"	ANSI B 16.5, Cl. 150 #, RF	AS20
N3	VENT TO ATMOSPHERE	4"	ANSI B 16.5, Cl. 150 #, RF	AS20
N4	INSTRUMENT AIR INLET	1"	ANSI B 16.5, Cl. 150 #, RF	AS20

PARTICLE FILTER F-1, TAG No's: ACA 001A/B		MEMBRANE SEPARATOR UNITS		MEMBRANE SEPARATOR PERFORMANCE
SIZE OD x TOTAL LENGTH (mm)	: Ø104 x 740	SIZE OD x TOTAL LENGTH (mm)	: 269 x 170 x 1703	97% PURITY: 249,6 M3/HR @ 8,0 BAR INLET
DESIGN TEMPERATURE (Deg C)	: -10 / 120	MAX OPERATING PRESSURE (Barg)	: 13	95% PURITY: 384,0 M3/HR @ 8,0 BAR INLET
DESIGN PRESSURE (Barg)	: 16	MAX OPERATING TEMP (Deg C)	: 50	
MAX. FLOW (Sm3/h)	: 530	NUMBER OF INSTALLED UNITS	: 8	
DESIGN CODE	: PED 97/23/EC	DESIGN CODE	:	
MANUFACTURER	: ZANDER	MANUFACTURER	: PARKER	
MODEL	: F14XHHTNX	MODEL	: DT1508SS	

Rev.	Date	Description	Made by	Chk'd by	Disc Appr.	Client Appr.
B	02.10.06	RE-ISSUED FOR BID	MKB	ASV	–	
A	10.08.06	ISSUED FOR BID	MKB	ASV	–	

INMACO COPYRIGHT

Company Data Review Status
Status Code:
A ☐ No comments – Supplier to submit final document stamped "Final"
C ☐ Revice and submit. Work may proceed subject to incorporation of comment.
R ☐ Rejected. Revice and resubmit. Work may not proceed.
I ☐ For information only
Company Data Review Status
Accepted supplier data does not relieve supplier from compliance with purchase order requirements.
Signature by PRE:

Project: VINCENT DEVELOPMENT

Drawing Title: P&ID NITROGEN GENERATOR
TAG No.: 56-A-5000
SUPPLIER DWG. No.: 1280-210

Contract No:

Scale	Size	Proj. No.	Area	System	Drawing No.:	Rev.
NTS	A1	XXXX	XXX		XXXXXXXXXXXXX	B

Project Code	Orig.	P.O. no.	Doc.Type	Sequence No.	Sheet No.	Rev.

Print Date: 15 Feb 2005 13:23:47
PDMS-DRAFT: VO-P-99-S-ST-99999-001/01 (DB: STRUDRA/PADD)
Field for date and time. Automatically inserted during plot
Field for file specification. Automatically inserted during plot