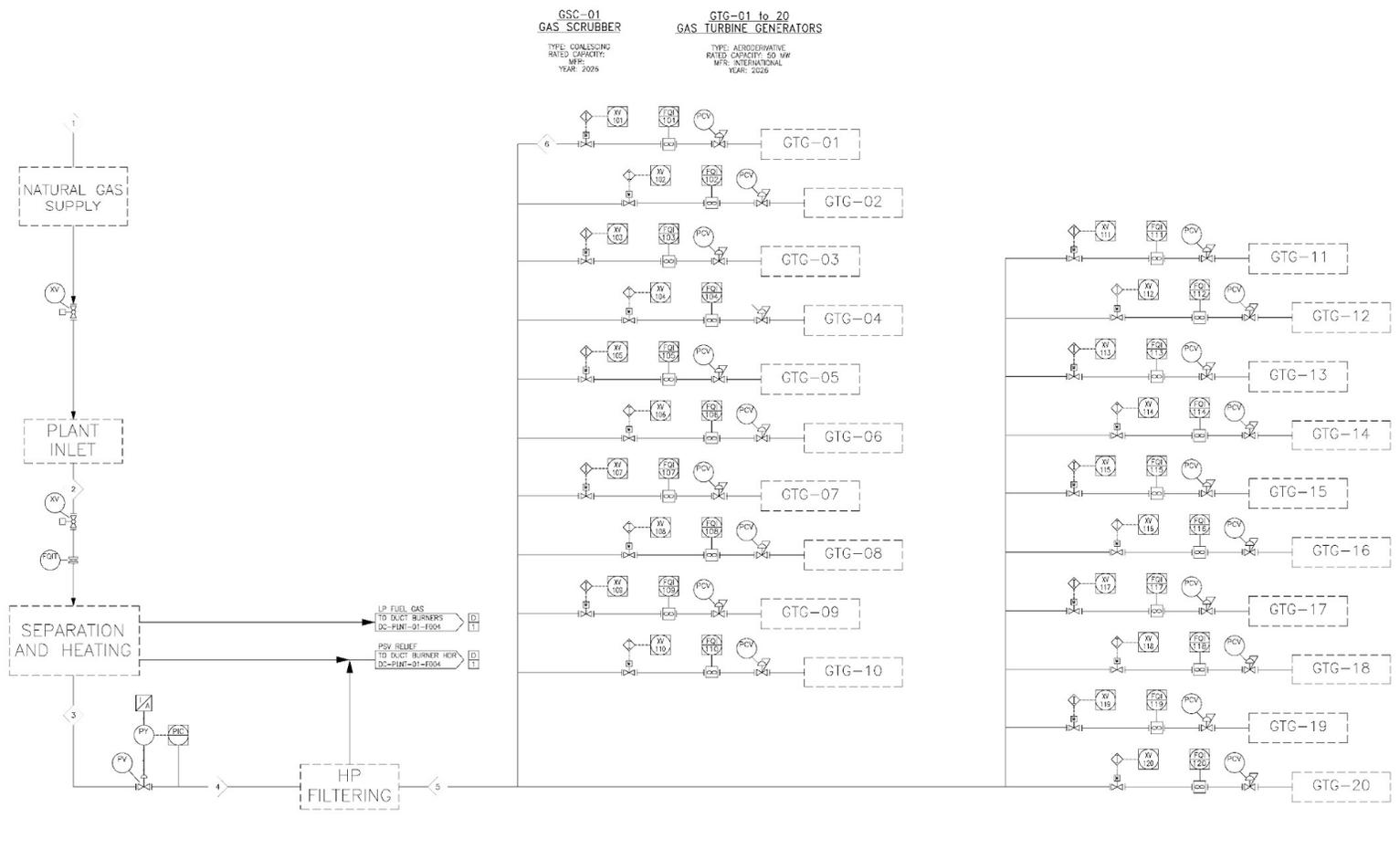


1 2 3 4 5 6 7 8

A
B
C
D
E

A
B
C
D
E



GSC-01
GAS SCRUBBER
TYPE: COALESCING
RATED CAPACITY:
MFR: INTERNATIONAL
YEAR: 2026

GTG-01 to 20
GAS TURBINE GENERATORS
TYPE: AIR-COOLED
RATED CAPACITY: 50 MW
MFR: INTERNATIONAL
YEAR: 2026

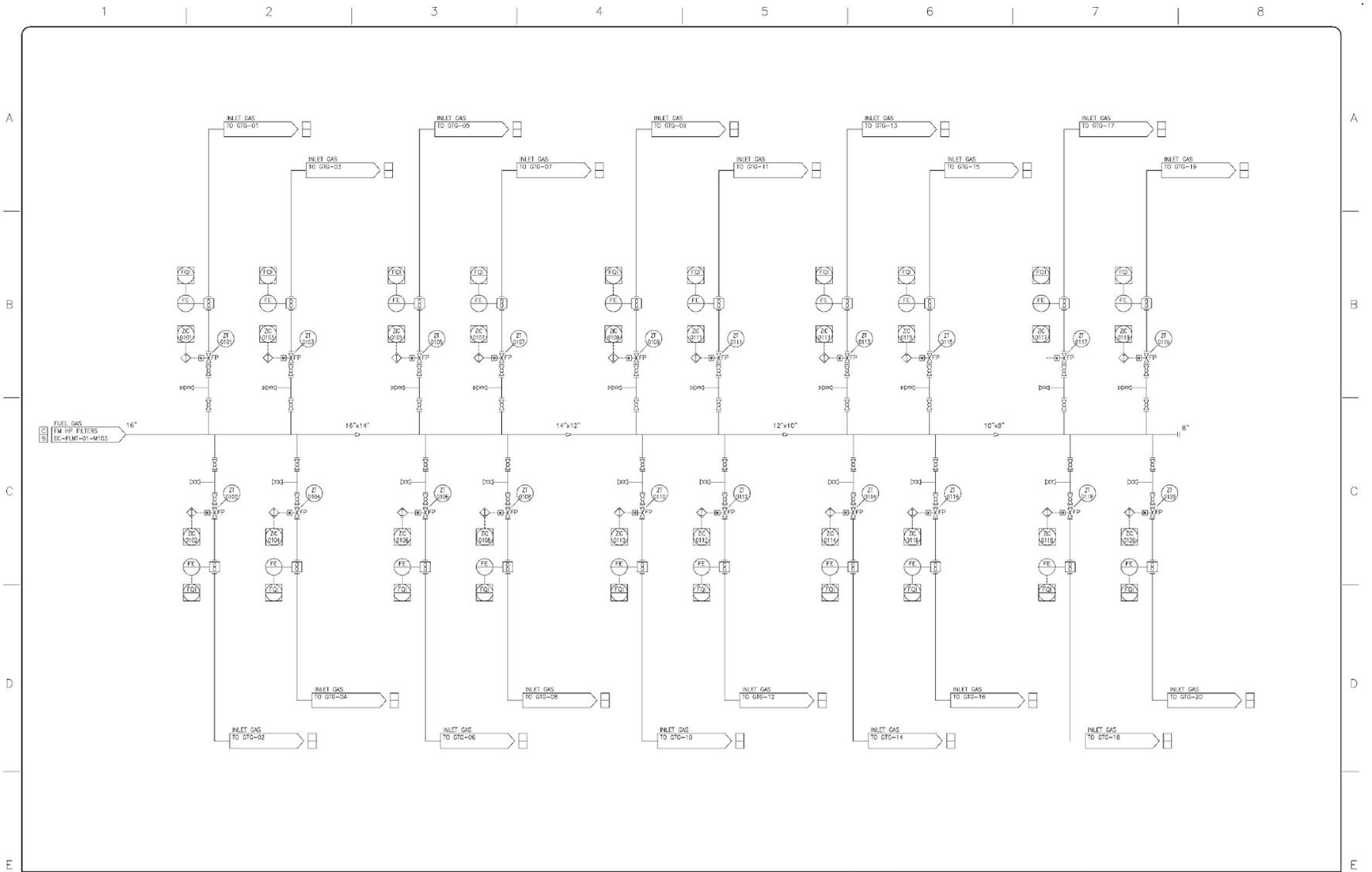
STREAM #	1	2	3	4	5	6
STREAM NAME	PIPELINE SUPPLY GAS	INLET GAS	STRIPPED GAS	HPAFR GAS	FILTERED FUEL GAS	GTG FUEL GAS (TYP)
DESCRIPTION						
FLOW — m ³ /HR	5,513	6,990	6,590	7,320	11,740	612
TEMPERATURE °C	18	18	18	30	25	25
PRESSURE kPa	5,200	4,100	4,100	4,080	2,500	2,400
ENTHALPHY MJ/m ³	40.8	40.8	40.8	40.8	40.8	40.8

REFERENCE DRAWING NO	REFERENCE DRAWING TITLE	NO	DATE	REVISION	DRAFTER	CHECKING ENGINEER	DESIGNER	PROJECT MANAGER	COMPANY
DC-PLNT-01-F002	COOLING WATER PROCESS FLOW DIAGRAM	A	30-01-2026	ISSUED FOR EPA REVIEW	MIP	SSB	AHA/EVM	DBT	BNE ENG'G
DC-PLNT-01-F003	HRSG WATER CYCLE PROCESS FLOW DIAGRAM								
DC-PLNT-01-F004	GTG COMBUSTION PROCESS FLOW DIAGRAM								

ISSUED FOR REVIEW

BASE SYNAPSE.png
 LSD 04-33-01-W5M
 SYNAPSE DATA CENTER - OLDS, AB
 FUEL GAS
 PROCESS FLOW DIAGRAM
 SCALE: N/A DRAWING NO: DC-PLNT-01-F001 REV: A

PROFESSIONAL ENGINEER PERMIT



DRAWING NO.	TITLE	NO.	DATE	REVISION	DRAWN	CHECKED	DESIGNED	PROJECT MANAGER	COMPANY




LSD 04-33-01-WDM

SYNAPSE DATA CENTER - OLDS, AB

FUEL GAS DISTRIBUTION

SCALE: NTS DRAWING NO: DC-PLINT-01-M104 REV: A

PROFESSIONAL ENGINEER PERMIT