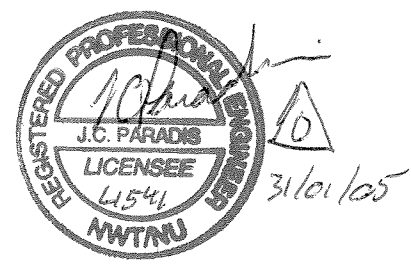
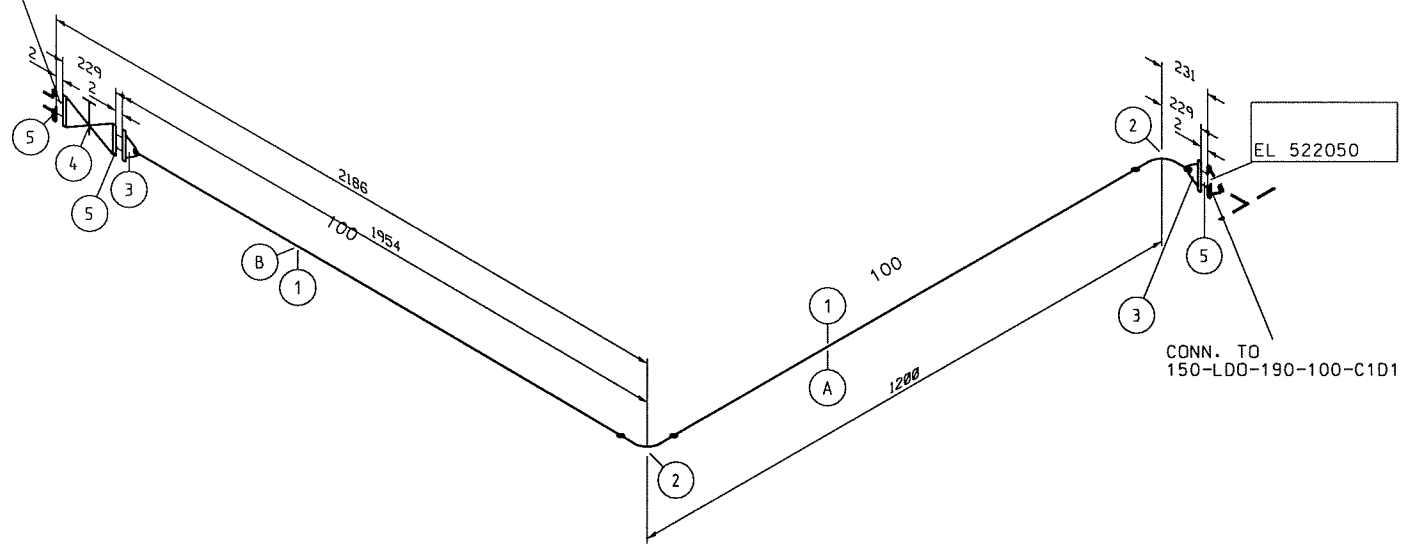


CONNECTED TO:
150-TK-008



PERMIT TO PRACTICE
HATCH LTD.
Signature *B. Bruman*
Date *January 31, 2005*
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of the NWT / NU

Shop Materials				BILL OF MATERIALS	
Item	Qty	Spec	Size1-Size2	Description	
1	2620	C101	100	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10	
2	2	C101	100	ELBOW 90 Degrees, ANSI B16.9, CS, BE, STD wt., ASTM A350 LF-2, ANSI B16.9	
3	2	C101	100	FLANGE, WELDING NECK 150 1b R.F., ASTM A350 LF-2, ANSI B16.5	
4	1	C101	100	VALVE, CL150 RF, ASTM A351 LCC Body, HALF-STELLITE TRIM, Crane Fig. 47LUF c/w RELIEF VALVE CONBRACO Fig. 5110CB	
5	3	C101	100	GASKET, CL150, 2MM thk., Ring type. GARLOCK FLEXSEAL RWI, ASME B16.20	

Item	Size	Pipe Cut-Lengths	Description
A	100	895	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10
B	100	1725	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10

System	Line no	Spool	Spec	Diameter	2ND diam
LDO	187		C101	100	

HATCH

DESIGNED BY *M. K. K...* DATE *21/1/2005*
CHECKED BY *S. K. K...* DATE *31/01/05*
PROJ. DES. COORD. *S. K. K...* DATE *31/01/05*
PROJ. ENGR. *S. K. K...* DATE *31/01/05*
PROJ. MGR. *S. K. K...* DATE *2005/01/31*

AREA **150** LINE NUMBER **150-LD0-187-100-C1D1**

PROJECT NUMBER **316996**

DRG. NO. **150-04-187-C1D1-1** SHEET **1 OF 1** REV. **0**