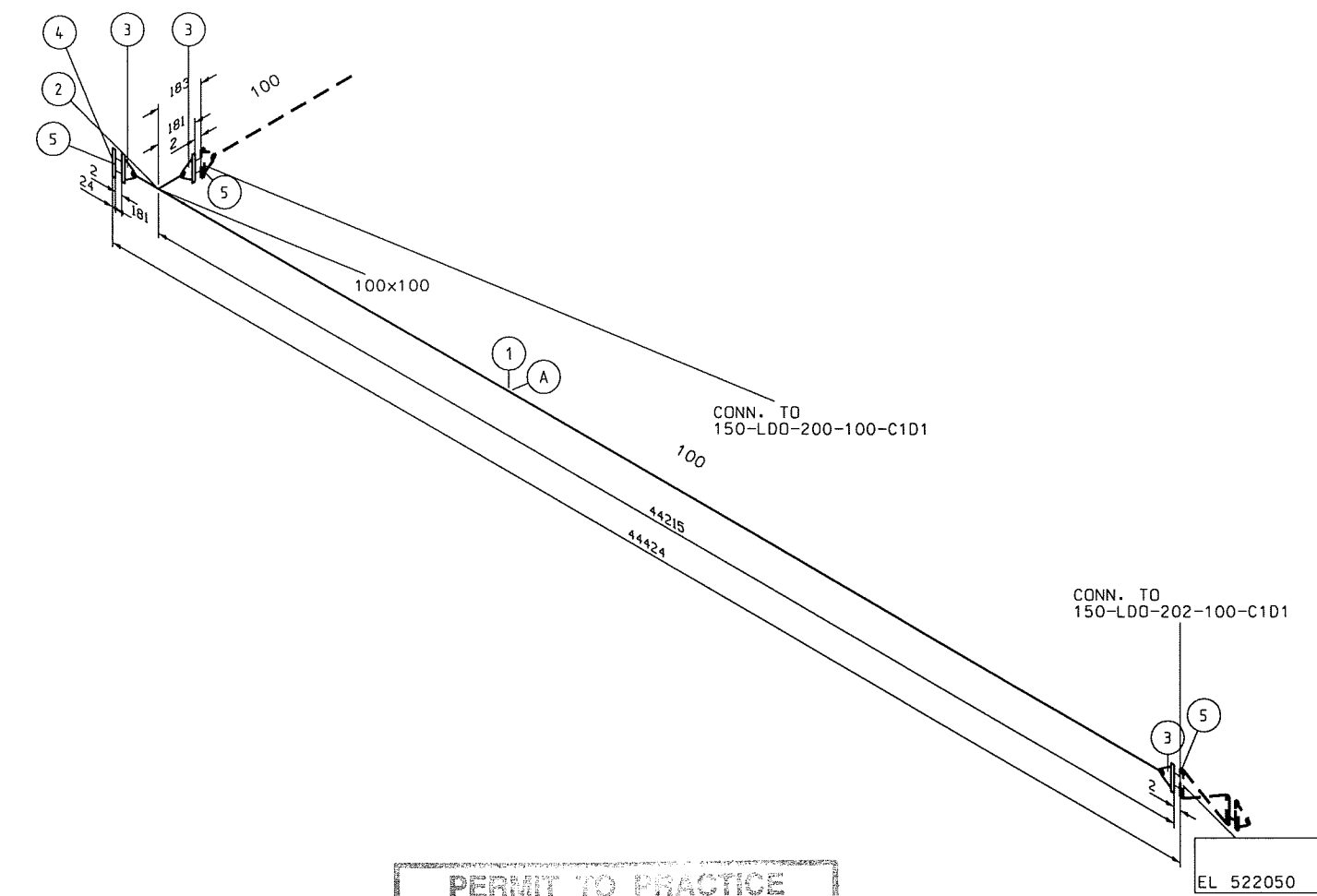


PERMIT TO PRACTICE
HATCH LTD.
Signature *B. Bruman*
Date *January 31, 2005*
PERMIT NUMBER: P512
The Association of Professional Engineers,
Geologists and Geophysicists of the NWT / NU

		MATERIAL TYPE		NOM OP TEMP		P&ID NO.	150-06-0101
		P.W.H.T.		NOM OP PRESSURE		LDT REF	
		NDT		INSULATION		PIPE SPEC	
		TEST MEDIA		PAINT SPEC		FAB SPEC	
		TEST PRESSURE		COLOUR CODE		DESIGN CODE	
0	FABRICATION CG-501						
REV.	ISSUE FOR	AUTH. BY	STRESS	DATE			

Shop Materials					BILL OF MATERIALS
Item	Qty	Spec	Size	Size2	Description
1	44034	C1D1	100		Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10
2	1	C1D1	100		TEE, BE, STD WT, CS ASTM A350 LF-2, ANSI B16.9
3	3	C1D1	100		FLANGE, WELDING NECK 150 lb R.F., ASTM A350 LF-2, ANSI B16.5
4	1	C1D1	100		FLANGE, BLIND 150 lb R.F., ASTM A350 LF-2, ANSI B16.5
5	3	C1D1	100		GASKET, CL150, 2MM thk., Ring type, GARLOCK FLEXSEAL RW1, ASME B16.20

Item	Size	Pipe Cut-Lengths	Description
A	100	44034	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10

System	Line no	Spool	Spec	Diameter	2ND diam
LDO	201		C1D1	100	

HATCH

DESIGNED BY *McKenna* DRAWN BY *...*
DATE *21/01/05* DATE *21/1/2005*
CHECKED BY *...* DISCIP. ENGR. *...*
DATE *31/01/05* DATE *31/01/05*
PROJ. DES. COORD. *...* PROJ. ENGR. *...*
DATE *31/01/05* DATE *31/01/05*
PROJ. MGR. *...*
DATE *2005/01/31*

JERICHO DIAMOND PROJECT

AREA **150** LINE NUMBER **150-LD0-201-100-C1D1**

DRG. NO. **150-04-201-C1D1-1** SHEET **1 OF 1** REV. **0**

PROJECT NUMBER **316996**

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