

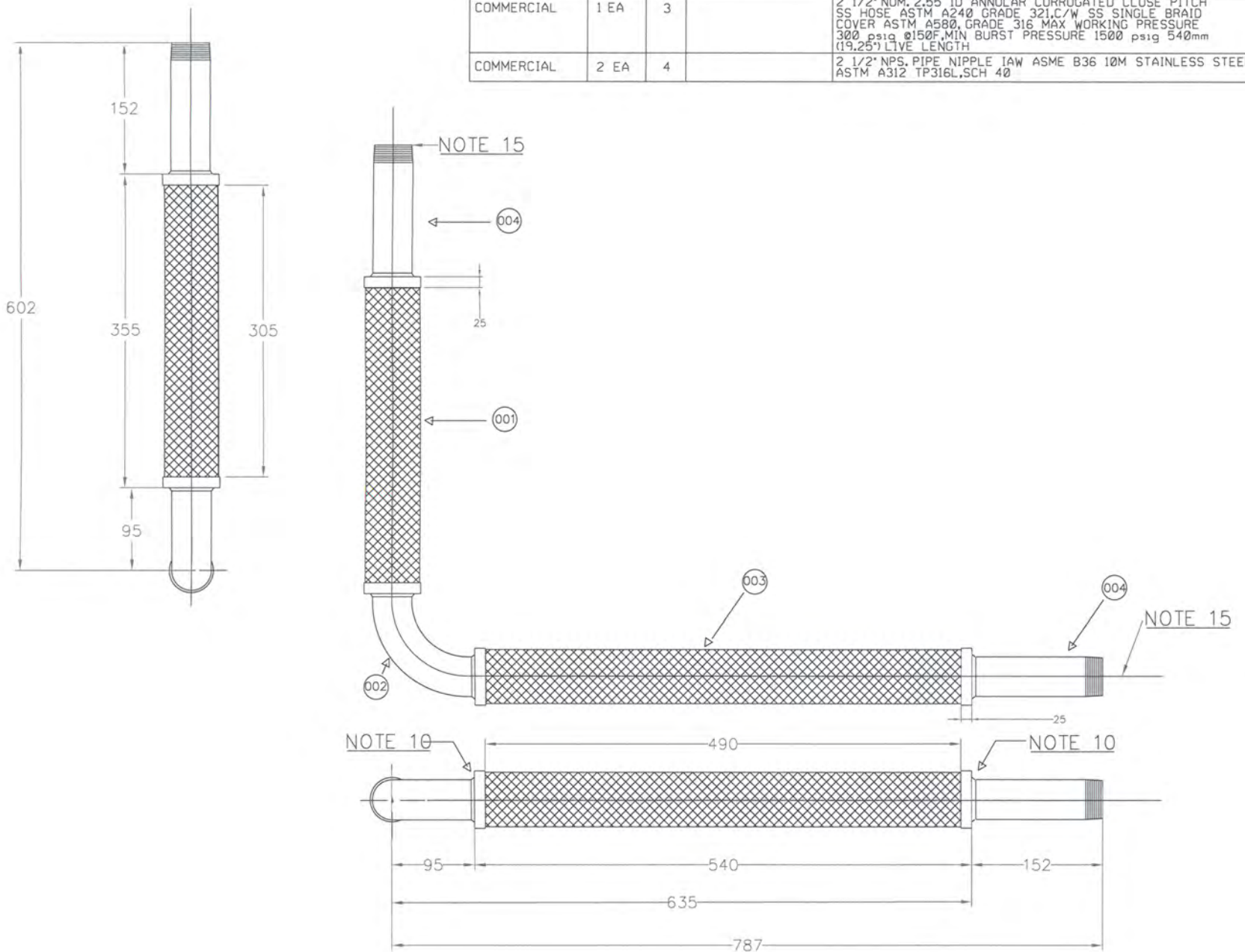
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180
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NOTES:

- 1. MAXIMUM WORKING PRESSURE 350 PSIG at 150F.
- 2. WORKING FLUID REFRIGERANT
- 3. MINIMUM BURST PRESSURE SHALL BE 1750 PSIG I.A.W. CSA B52-05 paragraph 5.8.1
- 4. FABRICATION SHALL BE I.A.W CSA B52-05 MECHANICAL REFRIGERATION CODE AND CSA B51-97 BOILER, PRESSURE VESSEL AND PIPING CODE.
- 5. WELDING SHALL BE I.A.W. ASME B31.5 REFRIGERATION PIPING AND HEAT TRANSFER COMPONENTS
- 6. ALL WELDS SHALL BE PERFORMED BY A QUALIFIED WELDER UTILIZING A QUALIFIED PROCESS IAW ASME BOILER AND PRESSURE VESSEL CODE SECTION IX WELDING AND BRAZING QUALIFICATIONS
- 7. ALL WELDS SHALL BE NDE IAW ASME BOILER AND PRESSURE VESSEL CODE SECTION V, NON-DESTRUCTIVE EXAMINATION
- 8. COMPLETE PENETRATION JOINT (CPJ) FORMS A SECTION OF PROCESS PIPE AND REQUIRES VISUAL TESTING (VT) AND RADIOGRAPHIC TESTING (RT)
- 9. MANUFACTURES PROCESS WELD MUST BE VISUAL TEST (VT) AND DYE PENETRANT TESTED (LP)
- 10. ALL NDE SHALL BE PERFORMED BY A CGSB QUALIFIED NDE INSPECTOR
- 11. HYDROSTATIC TESING OF FLEXIBLE ASSEMBLY NOT PERMITTED I.A.W. CSA B52-05 paragraph 5.10.2.2.
- 12. FLEXIBLE ELEMENT TO BE PRESSURE TESTED TO 1.25 x WORKING PRESSURE (437.5 PSIG) USING DRY NITROGEN FOR 12 HRS WITH NO ALLOWABLE DROP
- 13. ALL WELDS MUST HAVE 100 PERCENT GAS PURGE
- 14. THE MANUFACTURER OF THE FLECIBLE ELEMENT SHALL PROVIDE THE FOLLOWING WELD QUALITY RECORD AS OBJECTIVE QUALITY EVIDENCE
 - (A) WELD PROCEDURE SPECIFICATION FOLLOWED
 - (B) WELDER IDENTIFICATION
 - (C) BASE MATERIAL WELDED
 - (D) NDE and INSPECTION RECORD
- 15. THREADED HOSE END TO PROVIDE TEST CONNECTION FOR HOSE MANUFACTURING. NOT FOR FINAL CONNECTION..



NATO STOCK NO	-NO		ITEM NO. DE L'ART	IDENTIFYING D'IDENTIFICATION NO.	NOMENCLATURE DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
	QTY/QTE	-1					
COMMERCIAL	1 EA		1		2 1/2" NOM. 2.55 ID ANNULAR CORRUGATED CLOSE PITCH SS HOSE ASTM A240, GRADE 321, C/W SS SINGLE BRAID COVER ASTM A580, GRADE 316 MAX WORKING PRESSURE 300 psig @150F, MIN BURST PRESSURE 1500 psig 355mm (12") LIVE LENGTH		
COMMERCIAL	3 EA		2		2 1/2" IPS LONG RADIUS ELBOW IAW ASME B36.10 MATERIAL ASTM A403, TP316L, SCH-40		
COMMERCIAL	1 EA		3		2 1/2" NOM. 2.55 ID ANNULAR CORRUGATED CLOSE PITCH SS HOSE ASTM A240, GRADE 321, C/W SS SINGLE BRAID COVER ASTM A580, GRADE 316 MAX WORKING PRESSURE 300 psig @150F, MIN BURST PRESSURE 1500 psig 540mm (19.25") LIVE LENGTH		
COMMERCIAL	2 EA		4		2 1/2" NPS. PIPE NIPPLE IAW ASME B36.10M STAINLESS STEEL ASTM A312 TP316L, SCH 40		

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UNCLASSIFIED
MODIFICATION DRAWING

UNLESS OTHERWISE SPECIFIED/SAUF INDICATION CONTRAIRE:

1. DIMENSIONS ARE IN/DIMENSIONS SONT EN mm

2. TOLERANCES

FRACTIONS ±

DECIMALS .xxx ±

DÉCAIMALES .xx ±

ANGLES ±

3. SURFACE FINISH

FINIS DE SURFACES

INTERPRETATION/

INTERPRETER

APPLICATION/USAGE

HFX CLASS

EC #19980115

SCALE/

ECHELLE AS SHOWN

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LOCALLY APPROVED BY NAO

19-04-2011

DATE

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DES

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APPLY

APP

DEFENSE

NATIONALE

NATIONAL

DEFENCE

CANADA

CF

APPLY

APP

FC

DESIGN AGENT/CONCEPTION

FMF(CB)/ENG/J.NEWMAN

DIV/HEAD

LCOR M. RUSSELL

NSCM/CAOF

35902

DRAWING DATE DU DESSIN

12-DEC-2008

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DRAWING NO DU DESSIN

1150018

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SUCTION FLEXIBLE ELEMENT

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