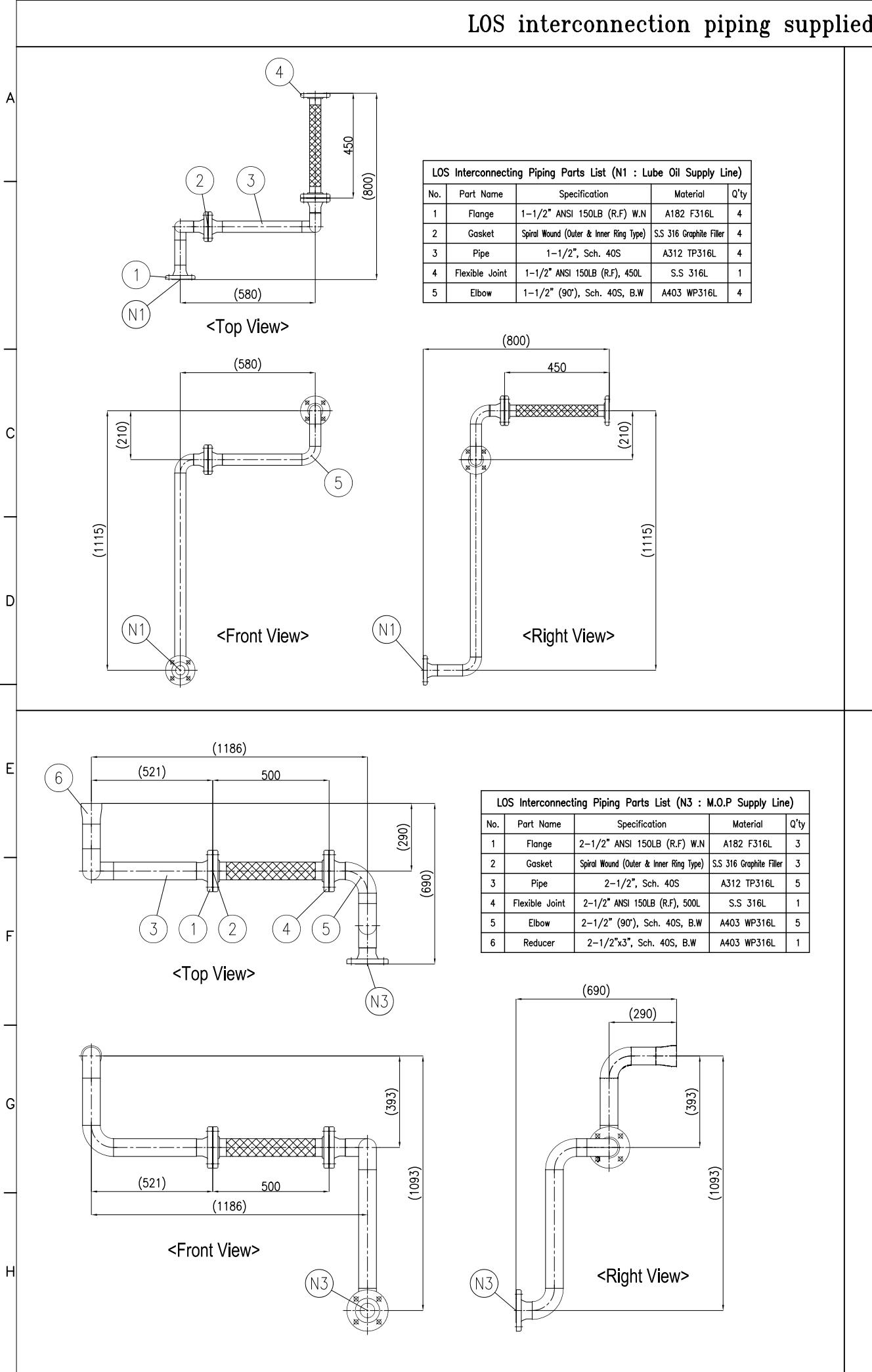


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16

LOS interconnection piping supplied as loose parts (20-P-1602 A)



NOTE				
1. This drawing was made at the site for ease of assembly/construction, and all dimensions except the length of the flexible joint are for reference only. The drawings must be used for reference only as they must be constructed according to the site while adjusting the length of the pipe.				
REFERENCE DOCUMENTS DOC. NO.				
B				
LEGEND				
DES.				
C				
SYMBOL				
D				
EQUIPMENT LIST				
E				
F				
G				
H				

Code1 Approved: No comment and the document is released for Manufacturing.

Code2 Approved with Minor comment: Vendor shall correct, review and resubmit the document. The document can be released for Manufacturing if changes incorporated.

Code3 Commented: Vendor shall correct, review and resubmit the document by the date specified. The document shall be released under the Status of 'R: Revised Issue'. All corrected documents shall be resubmitted before starting the Manufacturing.

Code4 Not Accepted (Rejected): Vendor shall re-work/re-design/re-specify the contents of the documents according to the comments/reason for rejection. All corrected documents shall be resubmitted before starting the Manufacturing. If vendor fails to do so, code 1 or code 2 or no code from CONSULTANT / OWNER / MC VENDOR shall resubmit the documents with the same revision within 10 working days including transmission/ mailing time after receiving the commented documents from CONSULTANT / OWNER / MC.

No Code No Code for INFORMATION documents and "As-shipped Drawings": Document has been submitted for CONSULTANT / OWNER / MC's information(I) consistency, completeness and correctness of documents content is in VENDOR/EPC contractor responsibility.

Above checking results by EIED shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing.

DATE : (Stamp) DEPT. : EIED Signature :

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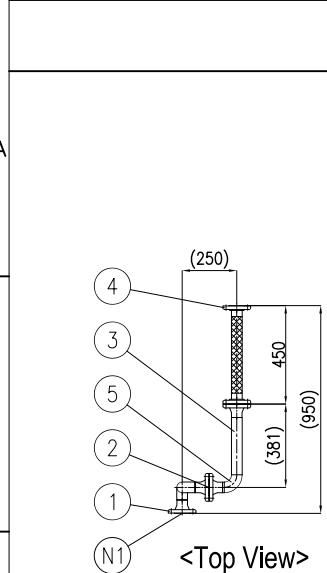
CV	PI	EL	IN	ME	MA
ST	AR	PR	SA	HV	TL

05	28/09/2021	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
04	02/06/2021	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
03	30/04/2021	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
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02	27/11/2020	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
01	17/07/2020	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
00	19/05/2020	F	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
REV.	DATE	STATUS	PURPOSE OF ISSUE	PREP.	CHKD.	APPD.	AUTH.

Kangan Olefin Project
EIED
Centrifugal Pumps & Special Pumps
Contract No. KP-20-00-PS-MA-PO-0001
DRAWING TITLE: General arrangement drawing for 20-P-1602 A/B/C
DRAWING NO. VP-20-00-MA-0001-2105
REV. 05 SHEET No. 2 OF 4 SIZE A3
SCALE: N/S

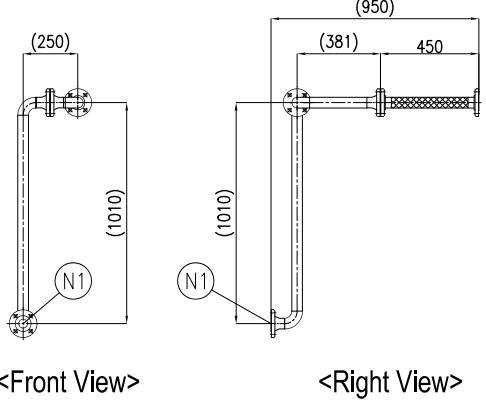
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16

LOS interconnection piping supplied as loose parts (20-P-1602 B/C)

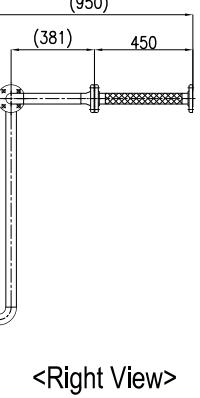


LOS Interconnecting Piping Parts List (N1 : Lube Oil Supply Line)					
No.	Part Name	Specification	Material	Q'ty	Total Q'ty
1	Flange	1-1/2" ANSI 150LB (R.F) W.N	A182 F316L	4	8
2	Gasket	Spiral Wound (Outer & Inner Ring Type)	SS 316 Graphite Filler	4	8
3	Pipe	1-1/2", Sch. 40S	A312 TP316L	2	4
4	Flexible Joint	1-1/2" ANSI 150LB (R.F), 450L	S.S 316L	1	2
5	Elbow	1-1/2" (90°), Sch. 40S, B.W	A403 WP316L	3	6

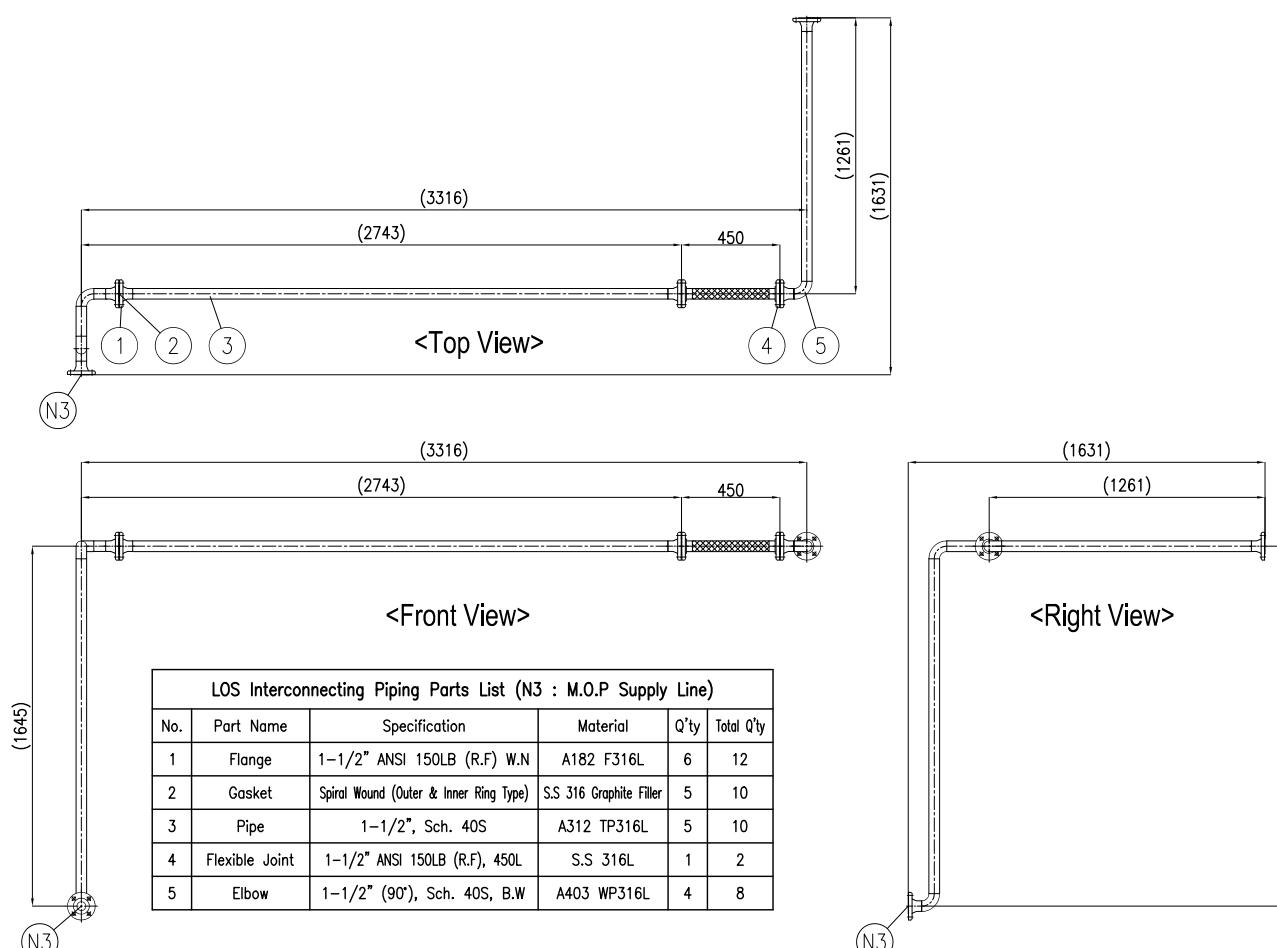
<Top View>



<Front View>



<Right View>



- NOTE
- This drawing was made at the site for ease of assembly/construction, and all dimensions except the length of the flexible joint are for reference only. The drawings must be used for reference only as they must be constructed according to the site while adjusting the length of the pipe.
 - Q'ty refers to the amount of piping materials required for one pump(20-P-1602 B or 20-P-1602 C), and Total Q'ty refers to the amount of piping materials required for two(20-P-1602 B/C) pumps.

REFERENCE DOCUMENTS	DOC. NO.

LEGEND

DES.

SYMBOL

EQUIPMENT LIST

Code1	<input type="checkbox"/> Approved: No comment and the document is released for Manufacturing.
Code2	<input type="checkbox"/> Approved with Minor comment: Vendor shall correct, review and resubmit the document. The document can be released for Manufacturing if changes incorporated.
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No Code	<input type="checkbox"/> No Code Only for FOR INFORMATION documents and "As-shipped Drawings". Document has been submitted for CONSULTANT / OWNER / MC's information(I) consistency, completeness and correctness of documents content is in VENDOR/EPC contractor responsibility.
Above checking results by EIED shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing.	
DATE :	
DEPT. :	

EIED	Signature :
Only for internal review	

CV	PI	EL	IN	ME	MA
ST	AR	PR	SA	HV	TL

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REV.	DATE	STATUS	PURPOSE OF ISSUE	PREP.	CHKD.	APPD.	AUTH.
Kangsan Olefin Project EIED							

Centrifugal Pumps & Special Pumps Contract No. KP-20-00-PS-MA-PO-0001	SCALE: N/S
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DRAWING TITLE: General arrangement drawing for 20-P-1602 A/B/C

DRAWING NO.	REV.	SIZE
VP-20-00-MA-0001-2105	05	4 OF 4 A3