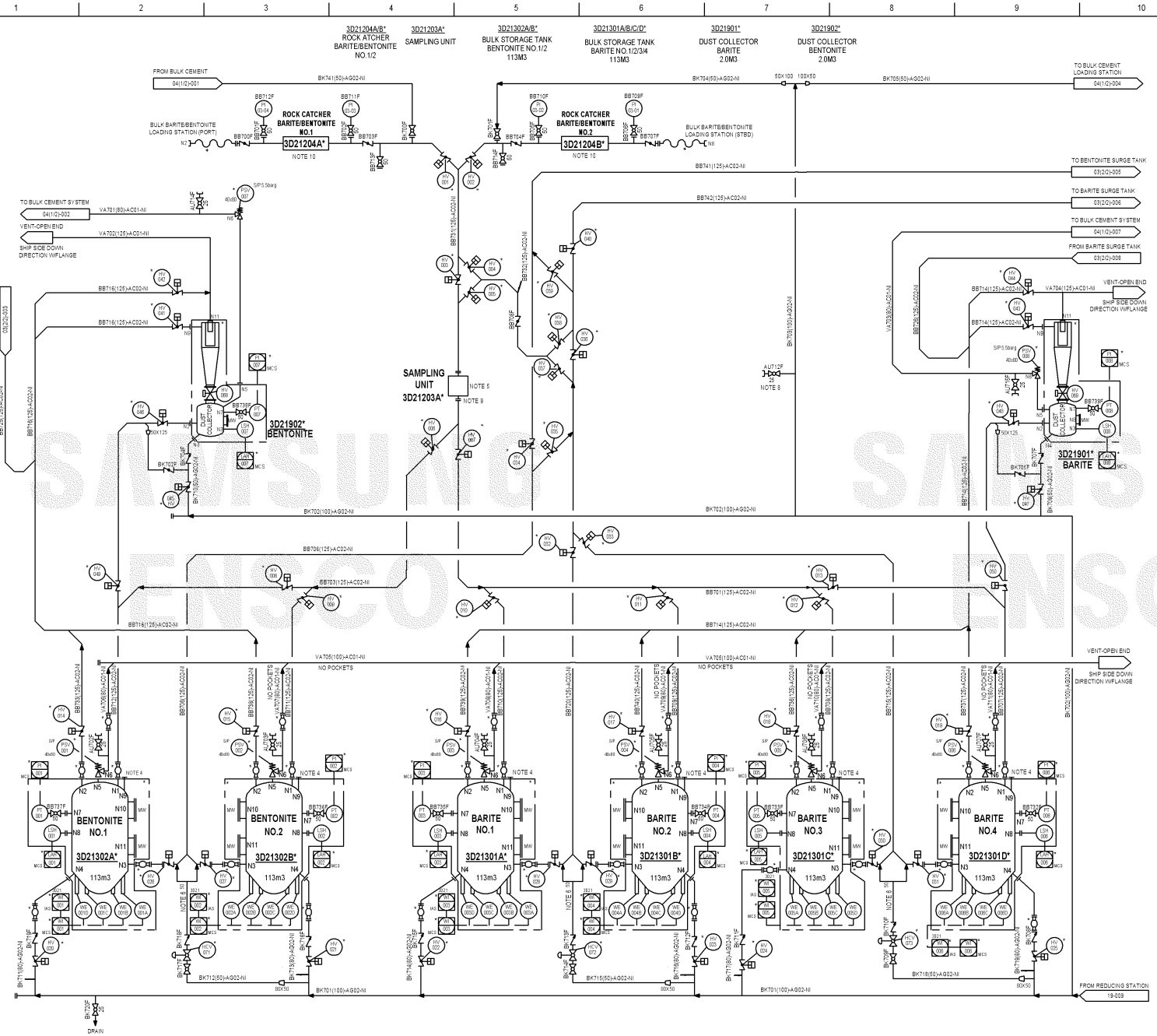
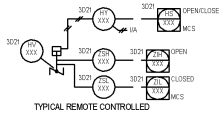
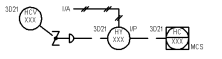


NOTES:

1. ALL ITEMS MARKED AS * ARE SUPPLIED BY NOV.
2. LINE JOINTS TO USE VICTAULIC COUPLING FOR 2" AND ABOVE.
3. ALL BENDS TO BE 5D MINIMUM ON ALL PRODUCT LINES.
4. MANUAL SOUNDING.
5. INSTRUMENT AIR SUPPLY FOR SAMPLING UNIT WITH 3/8" AIR TUBING.
6. PIPE FROM CONTROL VALVE TO MAIN LINE WITH PURGING TO BE AS SHORT AS ABSOLUTELY POSSIBLE.
7. TYPICAL REMOTE OPERATED VALVE FOR BULK MATARIAL.



TYPICAL REMOTE CONTROLLED
BULK MATERIAL VALVE *
(3D21-HV XXX TYPICAL SHOWN)



TYPICAL REMOTE CONTROLLED
PURGE AIR VALVE WITH POSITION CONTROL *
(3D21-HCV XXX TYPICAL SHOWN)

8. AIR CONNECTION FOR CLEANING.
9. MINIMUM STRAIGHT PIPE 1.85M ON UPSTREAM AND DOWNSTREAM.
10. IF THE SYSTEM REQUIRES ROCK CATCHING IN BOTH DIRECTIONS, THE ROCK CATCHER MUST BE MOUNTED HORIZONTALLY. RECOMMENDED DIRECTION FOR REMOVAL OF FILTER IS UPWARD.

REV	ISSUE	DATE	ORIG	CHK	ENG	GG APP.	SHI APP.
H	REISSUED FOR CONSTRUCTION	10.04.15	YJA	WGJ			DCA
G	REISSUED FOR CONSTRUCTION	16.01.15	YJA	WGJ			DCA
F	REISSUED FOR CONSTRUCTION	24.07.14	SJJ	WGJ			DCA
E	REISSUED FOR CONSTRUCTION	01.04.14	SJJ	WGJ			DCA
D	REISSUED FOR CONSTRUCTION	25.10.13	SJJ	WGJ			DCA
C	REISSUED FOR APPROVAL	09.03.13	HHC	WGJ			DCA
B	REISSUED FOR APPROVAL	31.10.12	HHC	WGJ			DWS
A	REISSUED FOR APPROVAL	20.09.12	HHC	WGJ			DWS
0	ISSUED FOR APPROVAL	02.07.12	HHC	WGJ			DWS

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PROJECT
ENSCO DS-8/9

CLIENT
ENSCO

BUILDER
SAMSUNG HEAVY INDUSTRIES

DRAWING TITLE
PIPING & INSTRUMENT DIAGRAM
BULK POWDER SYSTEM BARITE / BENTONITE

DRG SIZE	SCALE	CAD No.	DRAWN BY
A1	N.T.S		

SFI No.
SERVICE No.
DRAWING No. 2059/62-RFBA100-03
1/2 H
JOB No. | DSC | DOC | ASM | MOD | SEQ No. | SHT No. | REV.

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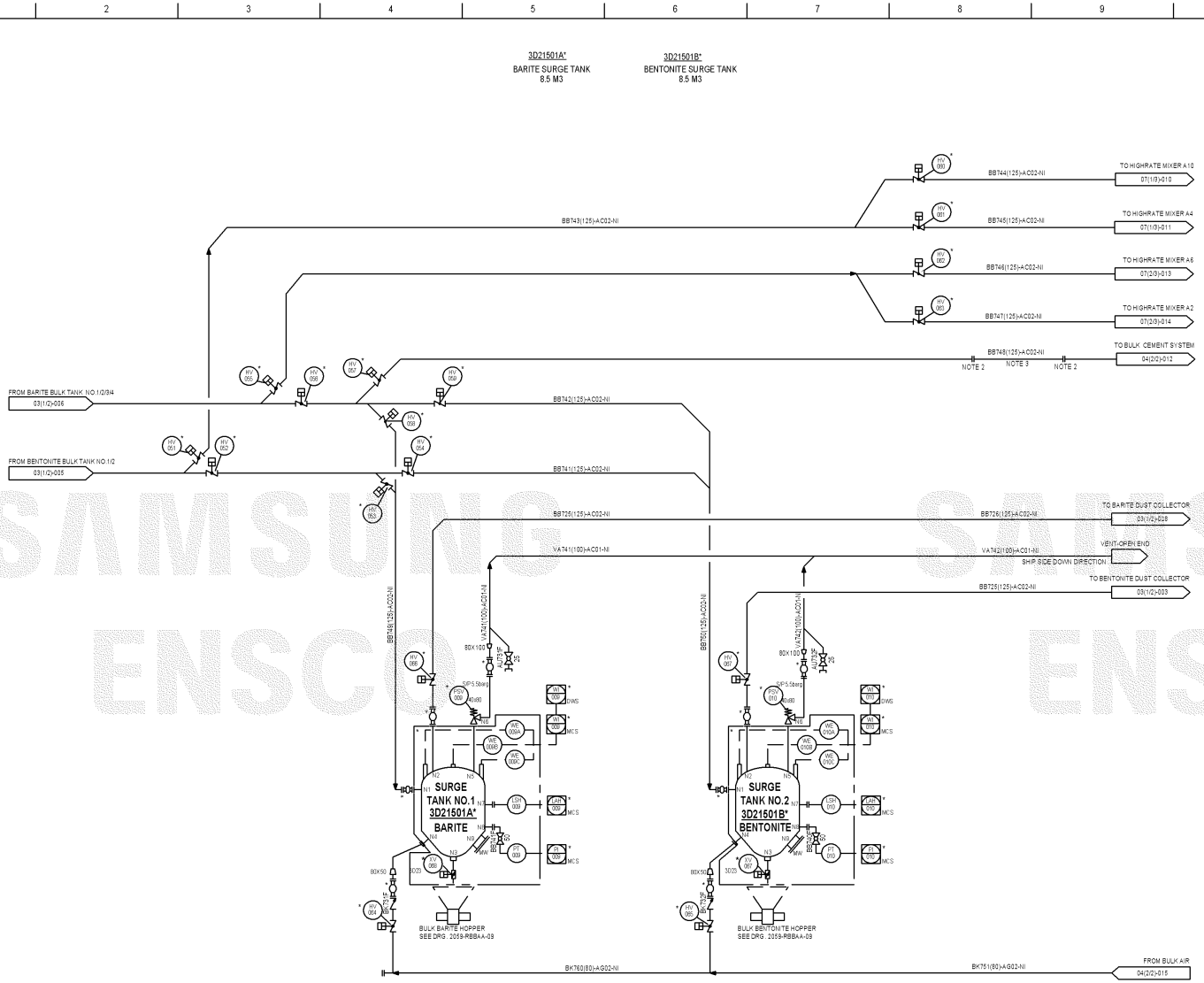
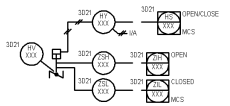
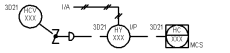


NOTES:

1. ALL ITEMS MARKED AS * ARE SUPPLIED BY NOV.
2. TEMPORARILY HOOK UP PIPE INSERTION PIECE. NO PERMANENT CONNECTION SHALL BE INSTALLED.
3. EMERGENCY CROSS CONNECTION LINE.
4. LINE JOINTS TO USE VICTAULIC COUPLING FOR 2" AND ABOVE.
5. ALL BENDS TO BE 5D MINIMUM ON ALL PRODUCT LINES.
6. TYPICAL REMOTE OPERATED VALVE FOR BULK MATARIAL.



TYPICAL REMOTE CONTROLLED
BULK MATERIAL VALVE *
(3D21-HV XXX TYPICAL SHOWN)



TYPICAL REMOTE CONTROLLED
PURGE AIR VALVE WITH POSITION CONTROL *
(3D21-HCV XXX TYPICAL SHOWN)

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DRAWING No. | TITLE

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DRAWING TITLE: PIPING & INSTRUMENT DIAGRAM
BULK POWDER SYSTEM BARITE / BENTONITE

DRG SIZE	SCALE	CAD No.	DRAWN BY
A1	N.T.S		

SFI No. | DRAWING No. 2059/62-RFBA100-03 | 2/2 | H

SERVICE No. | JOB No. | DSC | DOC | ASM | MOD | SEQ No. | SHT No. | REV.

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