



NOTES:

- ALL ITEMS MARKED ** CEMENTER CONTRACTOR SUPPLY (BU SERVICES).
- ALL ITEMS MARKED THUS * SUPPLIED BY NOV.
- CP DENOTES LOCAL BULK CEMENT CONTROL PANEL.
- SURGE TANK TO CEMENTER ARE INCLUDED IN VENDOR PACKAGE.
- LINE JOINTS TO BE USED FOR VICTAULIC COUPLING FOR 2" AND ABOVE.
- DELTA, Y-BRANCH FOR PIPING CLASS ARE SUPPLIED BY NOV.
- ALL BENDS TO BE 5D MINIMUM ON ALL PRODUCT LINES.
- MANUAL SOUNDING.

TYPICAL REMOTE CONTROLLED BULK MATERIAL VALVE * (3D21-HV001 TYPICAL SHOWN)

TYPICAL REMOTE CONTROLLED PURGE AIR VALVE WITH POSITION CONTROL * (3D21-HCV051 TYPICAL SHOWN)

- 3/8" TUBING TO SAMPLE UNIT AIR CYLINDER. INSTRUMENT AIR SUPPLY SEE DRG. No. 7094-RBBAC-21.
- AIR LINE SHALL BE CONNECTED WITH DOWNSTREAM OF CONTROL VALVE AS CLOSELY AS POSSIBLE.
- THE DISCHARGE OF CEMENT BULK AND DAY TANK SHALL BE CONTROL BY PROPOS.
- AIR CONNECTION FOR CLEANING PSV LINES.
- ROCK CATCHER SHALL BE MOUNTED VERTICALLY WITH FLOW DIRECTION DOWNWARDS.

7094 7096 7103	
DRAWING No.	TITLE
REFERENCE DRAWINGS	
1	RE-ISSUED FOR CONSTRUCTION 27.03.12 HHK SGL SCA
0	ISSUED FOR CONSTRUCTION 12.10.11 HHK SGL SCA
B	ISSUED FOR APPROVAL 20.07.11 HHK SGL SCA
A	ISSUED FOR IDC 17.06.11 HHK KYH SCA
REV	ISSUE DATE ORIG CHK ENG
REVISIONS	
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PROJECT	
CLIENT	
BUILDER	
DRAWING TITLE	
PIPING & INSTRUMENT DIAGRAM BULK POWDER SYSTEM CEMENT	
DRG SIZE	A1
SCALE	N.T.S.
CAD No.	
DRAWN BY.	
SFI No.	DRAWING No. 7094-RBBAC-04
SERVICE No.	1/1 1
CONFIDENTIAL	Unauthorized use or disclosure of this material results in civil or criminal liabilities.