

GENERAL NOTES

- DIMENSIONS IN mm. COORDINATES IN m. ELEVATIONS IN m.
- PLANT LEVEL 0.00(H.P. OF PAVING) IS EQUAL TO..... COORDINATES REFER TO.....
- GENERAL**
UNLESS NOTED OTHERWISE ON THE DRAWINGS THE FOLLOWING RULES ARE APPLICABLE:
ANCHOR BOLTS SHALL STRADDLE MAIN AXES AND SHALL BE EQUALLY SPACED
PROJECTION ANCHOR BOLTS IS GIVEN FROM TOP OF CONCRETE. PROJECTION OF ELECTRICAL CONDUITS SHALL BE 100mm
RADIUS OF BENDS IN CONDUITS SHALL BE AS FOLLOWS
 ϕ 1"-500mm ; ϕ 2"-500mm ; ϕ 3"-600mm
- OCTAGONAL FOUNDATIONS ARE REGULAR OCTAGONS
- ALL ANCHOR BOLTS ARE IN ACCORDANCE WITH BADGER STANDARD OF ANCHOR BOLTS BN_ES_J1 AND BASED UPON CONCRETE QUALITY
- ALL GIVEN CONCRETE DIMENSIONS OF PEDESTALS OR CONCRETE SUPPORTS ARE MINIMUM DIMENSIONS.
- FOR LOCATION OF MANHOLES, CATCH BASINS, CABLE TRENCHES AND ROUTING OF CONDUITS SEE UNDERGROUND PIPING LAYOUT.
- ABBREVIATIONS**

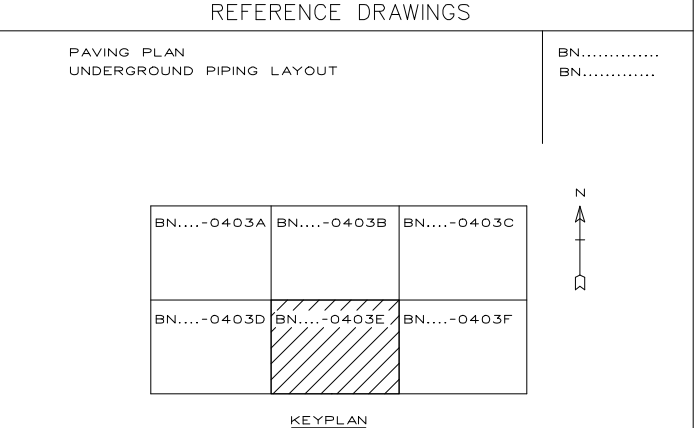
A.B.	ANCHOR BOLT	H.P.	HIGH POINT
APPROX.	APPROXIMATE	L.P.	LOW POINT
B.C.D.	BOLT CIRCLE DIAMETER	M.H.	MANHOLE
BLDG.	BUILDING	N.T.S.	NOT TO SCALE
C.B.	CATCH BASIN	O.D.	OUTSIDE DIAMETER
C.L.	CENTERLINE	PROJ.	PROJECTION
C.T.O.C.	CENTER TO CENTER	R.C.	REINFORCED CONCRETE
DISCH.	DISCHARGE	T.O.G.	TOP OF GROUT
DWG.	DRAWING	TYP.	TYPICAL
EL.	ELEVATION	HOLD	NOT YET KNOWN
FND.	FOUNDATION	SH.F.	SHEAR FORCE
DIA.	DIAMETER	MIN.SH.D.	MINIMUM SHUT DOWN

DRAFTING INSTRUCTIONS

- USUAL SCALE 1:50
- NO PAVING TO BE SHOWN ON THIS DWG.
- FOR COMPLETE PAVING PLANS SEPARATE DWG. TO BE PREPARED.
- FOR SIMPLE PLANS PAVING DETAILS TO BE SHOWN ON UNDERGROUND PIPING DWG.'S.
- UNLESS THE AREA INVOLVED IS SMALL AND NOT TOO COMPLICATED, DETAILS OF CONDUITS, DRAINS ETC. AND SECTIONS OVER FOUNDATIONS TO BE SHOWN ON SEPARATE SHEETS.
- LOCATING DIMENSIONS SHALL BE THE SAME AS THOSE AS SHOWN ON THE PLOT PLAN.
- REFER AS MUCH AS POSSIBLE TO VENDOR DWG.'S AS FAR AS PACKAGE UNITS ARE CONCERNED, SUCH AS COMPRESSORS, COOLING TOWERS, ETC.

CONSTRUCTION NOTES

- BEFORE POURING CONCRETE THE ELECTRICAL GROUNDING OF PILES SHALL BE INSTALLED AS PER DWG. BN.....



LOADING TABLE FOR EQUIPMENT FOUNDATIONS

ITEM	ERECTION			MIN.SH.D			OPERATING			TEST			ACTING AT EL. T.O.G.	REMARKS
	V	M	H	V	V	M	H	V	M	H				
AS 101	78	282	23	143	186	376	30	266	125	11	+150			
MS120	200				420			660			+131 ⁵	MIN.TEMP.-10°C MAX.TEMP.+60°C		
HF.101											+150			
MF121A											+150			
PP.121A					25						+150			
TT.101		2												
		45°										* DUE TO BUNDLE PULL IN FIXED POINT AT EL.....		

ALL LOADS IN KN'S ACTING AT TOP OF GROUT
 V=VERTICAL LOAD
 H=HORIZONTAL LOAD
 M=MOMENT IN KN METERS ACTING AT TOP OF GROUT

LOADING TABLE FOR STEEL STRUCTURE FOUNDATIONS

COLUMN NO.	DEAD LOAD	LIVE LOAD	WIND LOAD (E. S.)	WIND LOAD (E. W.)	SHEAR FORCE	ACTING AT EL. T.O.G.	TOTAL MAX.	TOTAL MIN.	REMARKS
A.1	40	120	±40	±60					
A.2	40	170							
B.1	65	190							
B.2	65	190							

Iss	Date	By	Description of issue	Ch'k'	App'd

TYPICAL FOUNDATION AND ANCHORBOLT LOCATION PLAN WITH LOADING TABLES

This drawing is not to be used for construction or for ordering material unless dated and signed

Scale _____

Approvals

Design	Eng'r	
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Certified _____ Date _____

DWG.NO. BN-DG-J2

Issue II A3