

- SEWER DRAINAGE LEGEND:-**
- SEWER MANHOLE (800x900)mm
  - EXTERNAL SEWER MANHOLE 910φ
  - 200φ EXTERNAL SEWER PIPE
  - 200φ EXTERNAL SEWER PIPE
- STORM WATER LEGEND:-**
- EXTERNAL STORM MANHOLE 910φ
  - STORM MANHOLE (800x900)mm
  - CATCH BASIN (CB 600x600)mm
  - CATCH BASIN (CB 300x600)mm
  - 250φ STORM WATER LINE
  - 300φ EXTERNAL STORM WATER LINE
  - 300MM WIDE SAUCER DRAIN
- WATER SUPPLY LEGEND:-**
- DOMESTIC WATER SUPPLY RING
  - FLUSHING WATER SUPPLY RING
  - TUBE WELL LINE
  - CITY WATER SUPPLY LINE
  - IRRIGATION LINE
  - EXTERNAL FIRE HYDRANT LINE
  - GH GARDEN HYDRANT
  - EFH EXTERNAL FIRE HYDRANT
  - WM WATER METER

- NOTE:-**
- RHP RAIN WATER HARVESTING PIT VOLUME 30qmt
  - DC DISINFECTING CHAMBER SIZE = 2.0x1.5x1.8m Deep

PIPE DIA AS PER SITE

MANHOLE DIA	H1	H2	H3	H4	H5	T1	T2	T3	T4	T5	REMARKS
750	900	-	-	-	-	1 BK	-	-	-	-	SOLING OF 250MM THICK WILL BE PROVIDED WHERE THE SITE ENGINEER WILL FEEL NECESSARY
900	750	-	-	-	-	1 BK	1 BK	-	-	-	
1200	1350	-	-	-	-	1 BK	1 BK	-	-	-	
1500	1950	750	2100	4050	-	1 BK	1.5 BK	2 BK	2.5 BK	3 BK	
1800	1950	750	2250	4050	-	1 BK	1.5 BK	2 BK	2.5 BK	3 BK	

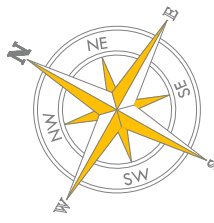
INTERNAL DIAMETER OF CIRCULAR MANHOLES (AS PER IS: 4111)

DEPTH OF MANHOLE (MM)	INTERNAL DIAMETER (MM)
ABOVE 900 AND UP TO 1650	900
1651 AND UP TO 2300	1200
2301 AND UP TO 3000	1500
ABOVE 3001 AND UP TO 14000	1800

ABBREVIATIONS

- HT HEIGHT OF WALL
- T THICKNESS OF WALL
- D DIA. OF MANHOLE
- φ DIA. OF PIPE
- DC DEPTH OF RED CONC. BK. BRICK
- N.G.L. -NATURAL GROUND LEVEL

DETAIL AT FILLED UP AREA WHERE COMPACTION IS DOUBT FULL



**PALM ROYALE,**  
**RESIDENTIAL COLONY,**  
**MOUJA MILIK KHAN JHANPUR,FIROZABAD 283203**  
 Owner - M R P L DEVELOPERS .

DRAWING TITLE  
**SITE LAYOUT PLAN**

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**NORTH**