



**LEGEND:**

S.NO.	SYMBOL	DESCRIPTION
1.		NON RETURN VALVE
2.		BUTTERFLY VALVE
3.		STRAINER
4.		PRESSURE GAUGE
5.		VIBRATION ELIMINATOR
6.		TREATED WATER(DOMESTIC LINE)
7.		SOFT WATER LINE
8.		RAW WATER LINE

**EQUIPEMENT SCHEDULE FOR FILTRATION/SOFTENING SYSTEM:-**

S.NO.	DESCRIPTION	I.D. NO.	QTY.	FLOW RATE/CAPACITY	FILTRATION VELOCITY	SIZE/DIAMETER	HEIGHT	RESIN QTY.
1	MULTIGRADE SAND FILTER	MGF	1NO.	34.0 M <sup>3</sup> /Hr	12.00 M <sup>3</sup> /M <sup>2</sup> /Hr.	2000mm	-----	-----
2	ACTIVATED CARBON FILTER	ACF	1NO.	34.0 M <sup>3</sup> /Hr	10.00 M <sup>3</sup> /M <sup>2</sup> /Hr.	2000mm	-----	-----
3.	WATER SOFTNER	S	1NO.	10.0 M <sup>3</sup> /Hr	-----	700mm	1200mm	644 kg
4.	BRINE TANK	BT	1NO.	1.5M <sup>3</sup> /Hr	-----	600mm	900mm	-----

DATE	NO	REVISION	BY	DATE	NO	PRINT ISSUED TO	BY

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**PROJECT-**  
**GURU RAMDAS LANGAR**  
**HALL,**  
**SRI HARMANDIR SAHIB,**  
**AMRITSAR**

**TITLE-**  
**SCHEMATIC DIAGRAM FOR**  
**FILTRATION AND**  
**SOFTENING PLANT**

SCALE	DATE	DESIGN	DRAWN
N.T.S.	13.4.18	S.M.S.	VIKASH
DRG. NO.	REV.NO.	REV.DATE	CHECKED
W.T.P-3			S.M.S.
FOR:-TENDER			