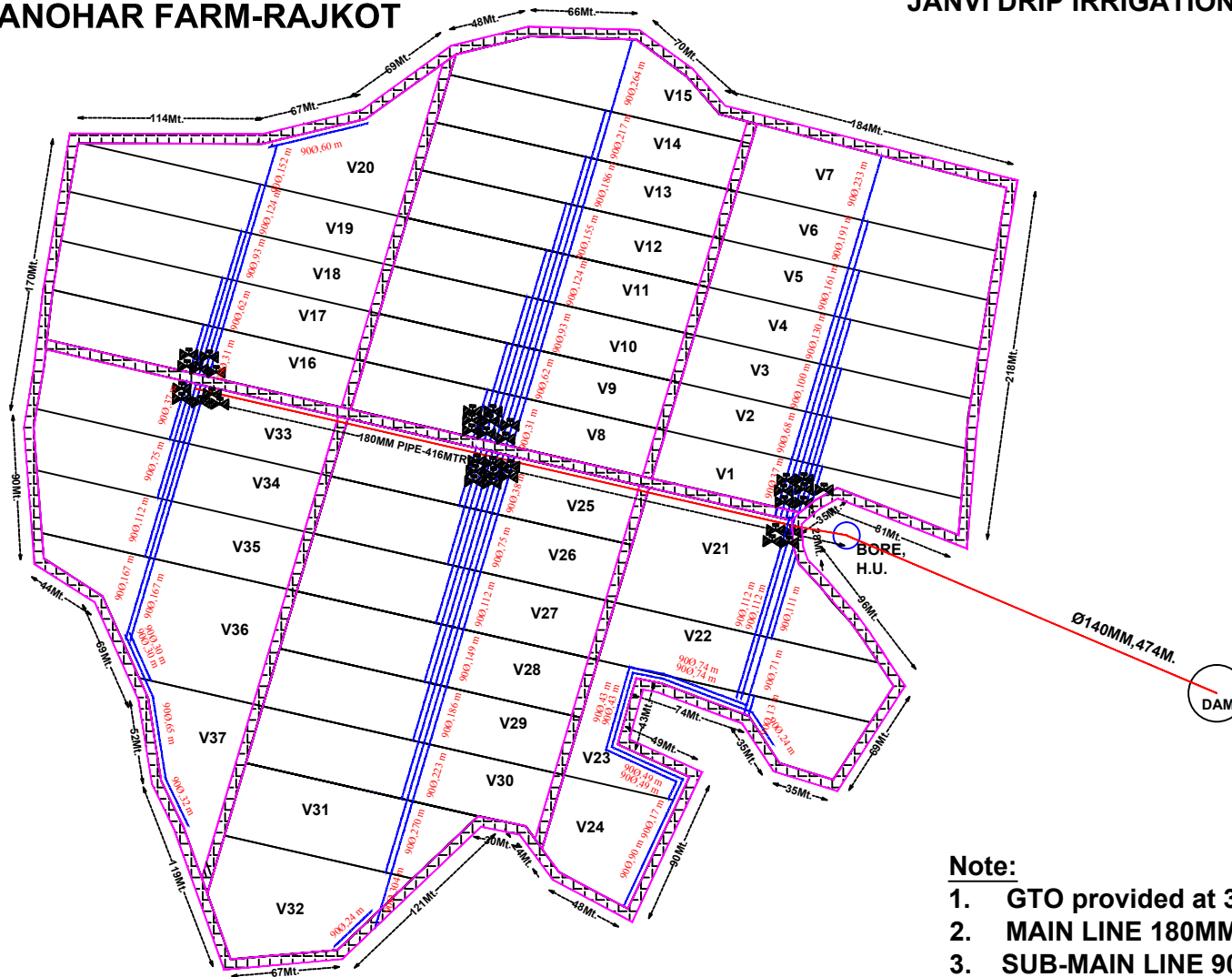


JAIN IRRIGATION SYSTEMS LTD.

MANOHAR FARM-RAJKOT

JANVI DRIP IRRIGATION



SYSTEM DETAILS	
Irrigation System	DRIP
Area (ha)	23.67
Crop	MANGO
Crop Spacing	3.64 X 3.04
Emitter Type	Inline
Emitter Discharge (lph)	24
Emitter per plant	1
Irrigation Rate (mm/hr)	4.34
Lateral Spacing (m)	3.64
Water Requirement (mm/day)	5.0
Operating Hour per shift (hours)	1.15
No. of Shift per day	16
Total Working hour per Day	18.44
Available flow at the outlet of the water source (lph)	37.50
Maximum Flow per shift (lps)	15.09
Maximum Head Required (m)	30.00
Irrigation Interval	ALTERNATIVE
Water Source	SUMP
Water Source Depth (m)	5.00
Delivery size	110.00
Pump HP	25
Pump Flow (m ³ /hr)	135.00

Note:

1. GTO provided at 3.64Mtr Spacing .
2. MAIN LINE 180MM-416Mtr.
3. SUB-MAIN LINE 90MM-5552Mtr.
4. LATERAL- 20mm II

Design is made based on information provided by farmer on actual field.

Sales Engineer Signature

Dealer's Name, Stamp and Signature

Audited By

JAIN
Jain Irrigation Systems Ltd.
Small Ideas. Big Revolutions.

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LEGEND

○ WATER SOURCE	⊕ FILTER STATION	→ LATERAL (Black)	— MAIN LINE (RED)
⊕ CONTROL VALVE	⊕ AIR RELEASE VALVE	FLUSH VALVE	— SUBMAIN LINE (Blue)