

LEGEND-

| SYMBOL | DESCRIPTION | QTY. |
|--------|--------------------|----------|
| | SMOKE DETECTOR | 135 NOS. |
| | HEAT DETECTOR | 33 NOS |
| | MANUAL CALL POINT. | 09 NOS |
| | HOOTER. | 11 NOS |
| | FIRE ALARM PANEL. | 1 NO |
| | ZONE-1 CABLE | — |
| | ZONE-2 CABLE | — |
| | ZONE-3 CABLE | — |
| | ZONE-4 CABLE | — |
| | ZONE-5 CABLE | — |
| | ZONE-6 CABLE | — |
| | ZONE-7 CABLE | — |
| | ZONE-8 CABLE | — |
| | ZONE-9 CABLE | — |
| | 24V POWER CABLE. | — |


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| SYSTEM DESIGN BY | Ramana Safety And Systems (India).Ltd. 304-305,Iscon Mall,Star Bazar Building, Jodhpur Cross Road, Satellite,Ahmedabad-380 015. Phone- 079-40033304/05/06. Telefax - 079 40033307 Mail - rssi@ramanasafety.org |
| PROJECT:- | NABARD TOWER AT USMANPURA |
| TITLE:- | SCHEMATIC DRAWING FOR FIRE ALARM & SMOKE DETECTION SYSTEM |
| DESIGN BY :- | SNT |
| CHECKED BY:- | JDS |
| SCALE:- | N.T.S |
| SIZE:- | A3 |
| DATE:- | 14.10.2021 |
| REV:- | 00 |
| DRAWING NO :- | RSSI-NABARD-SD-FAS-2054-03 |

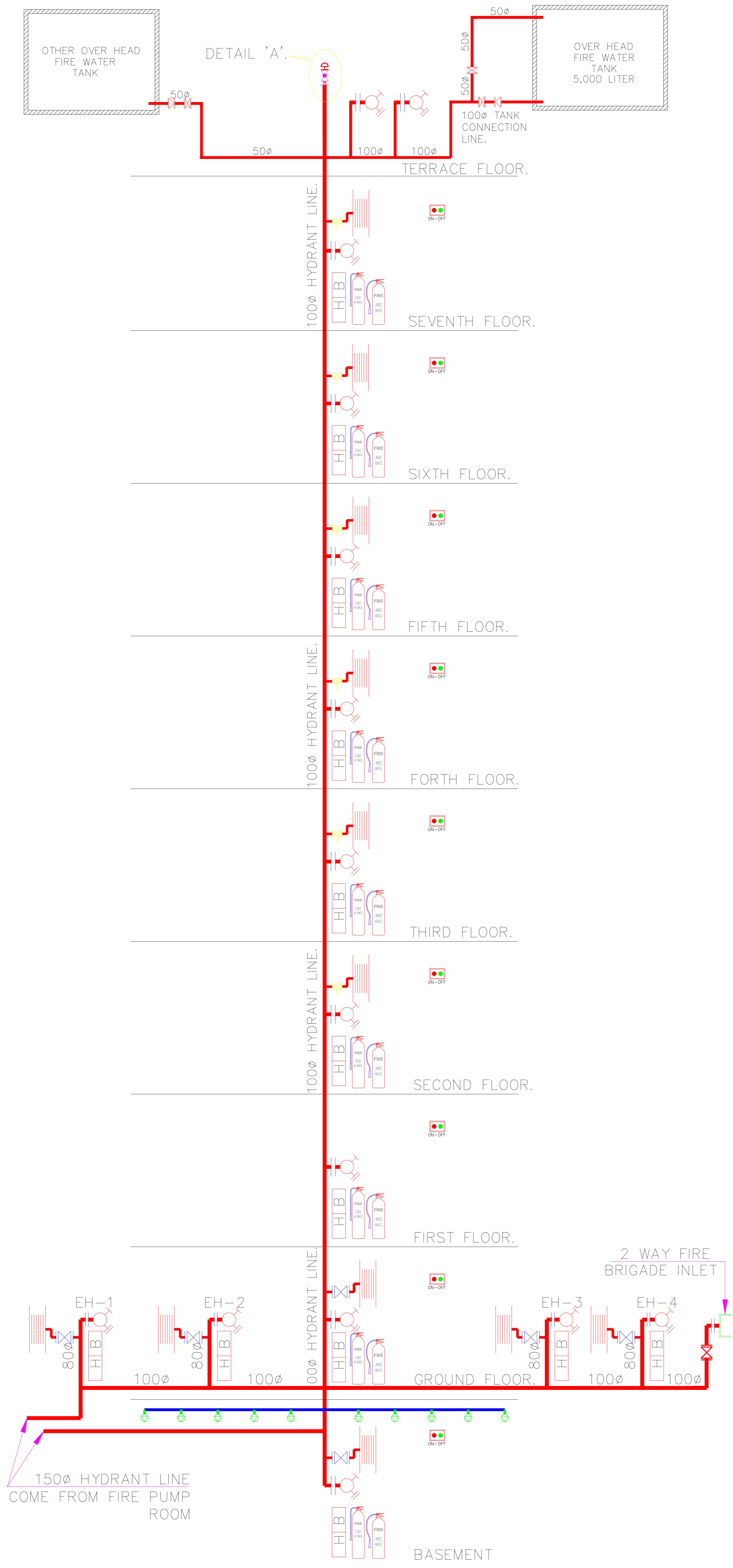
SCHEMATIC DRAWING FOR FIRE FIGHTING SYSTEM

LEGEND:-

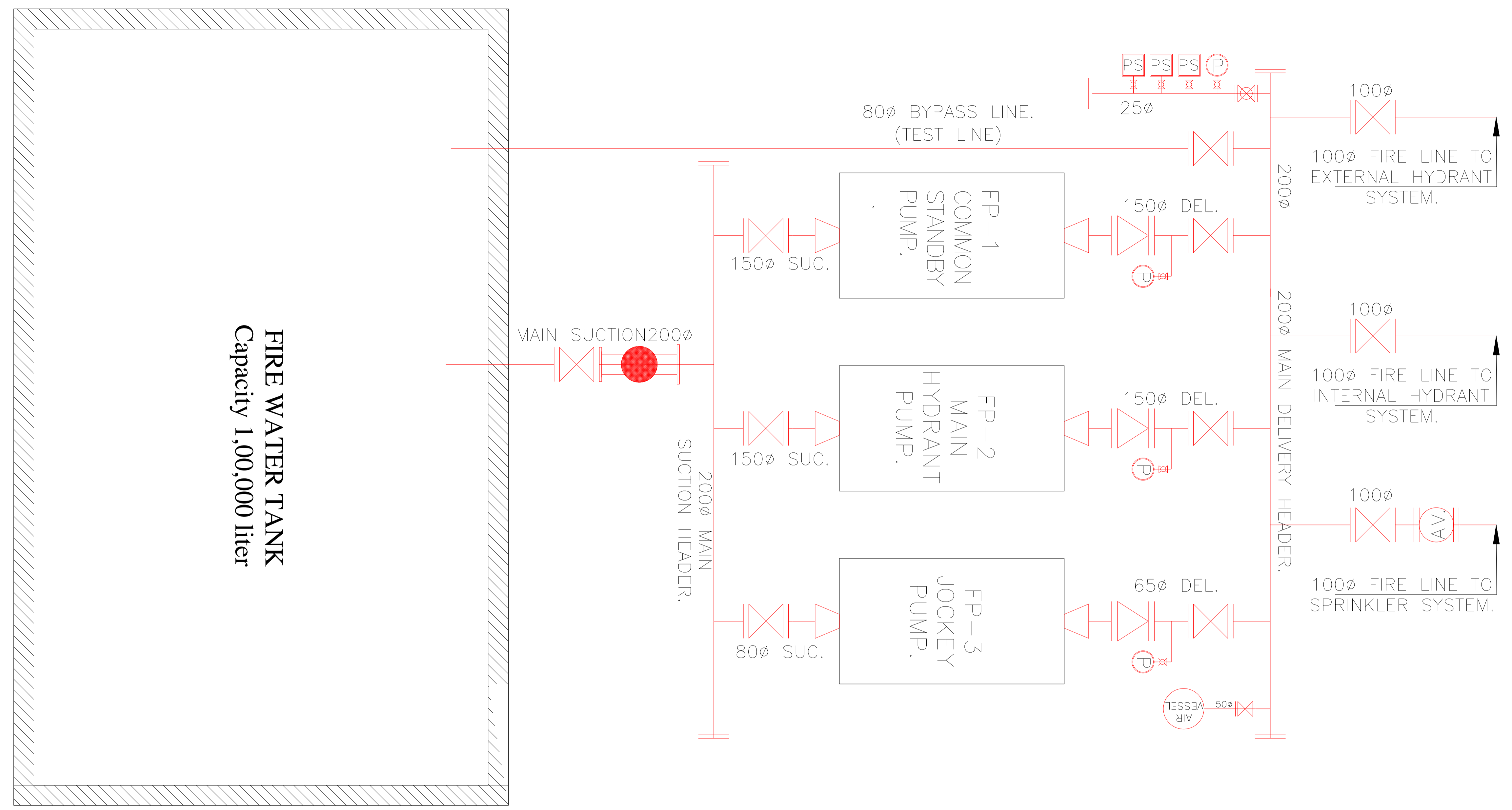
| SYMBOL | DESCRIPTION |
|--------|----------------------------------------------------|
| | HYDRANT PIPE.100ø,80ø |
| | 2WAY FIRE BRIGADE INLET |
| | INTERNAL RISER HYDRANT VALVE. |
| | HOSE REEL 30MTR. LONG. |
| | HOSE BOX WITH 1 NO. HOSE PIPE & 1 NO. BRANCH PIPE. |
| | BUTTERFLY VALVE. |
| | NON RETURN VALVE. |
| | ON - OFF SWITCH. |
| | CO2 TYPE FIRE EXTINGUISHERS 4.5KG. |
| | ABC TYPE FIRE EXTINGUISHERS 6KG |

| NO. | DATE | DESCRIPTION | REVISED BY |
|------------------|------|-------------|------------|
| REVISION HISTORY | | | |

| | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEMATIC DRAWING | |
| SYSTEM INTEGRATOR |  Ramana Safety And Systems (I) Pvt.Ltd. 305,Iscon Mall,Star Bazar Building, Jodhpur Cross Road, Satellite,Ahmedabad-380 015. Phone-079-40033304/05/06. Telefax - 079 40033307 Mail - rssi@ramanasafety.org |
| PROJECT:- | NABARD TOWER AT USMANPURA |
| TITLE:- | SCHEMATIK DRAWING OF FIRE FIGHTING SYSTEM |
| DESIGN BY :- | JDS |
| CHECKED BY:- | JDS |
| SCALE:- N.T.S | SIZE:- A1. |
| DATE:- 14.10.2021 | REV:- 00. |



SCHEMATIC DRAWING FOR FIRE PUMP ROOM OF NABRAD TOWER




FIRE WATER TANK
Capacity 1,00,000 liter

LEGEND:-

| SYMBOL | DESCRIPTION |
|--------|------------------------|
| | BUTTERFLY VALVE. |
| | NON RETURN VALVE. |
| | 'Y' TYPE STRAINER. |
| | PRESSURE GAUGE. |
| | PRESSURE SWITCH. |
| | SPRINKLER ALARM VALVE. |
| | REDUCER. |
| | AIR VESSEL. |

PUMPS SCHEDULE:-

| SL. NO. | PUMP NO. | DESCRIPTION | SERVICE | CAPACITY M ³ /HR. | HEAD IN MTR | POWER LOAD IN KW. | TYPE | DRIVE |
|---------|----------|-----------------------|--------------------------|------------------------------|-------------|-------------------|-------------------------------------|---------------|
| 1. | FP-1 | COMMON STAND BY PUMP. | HYDRANT/SPRINKLER SYSTEM | 137 | 70 | - | HORIZONTAL CENTRIFUGAL END SUCTION. | DIESEL ENGINE |
| 2. | FP-2 | HYDRANT MAIN PUMP. | HYDRANT/SPRINKLER SYSTEM | 137 | 70 | 45KW. | HORIZONTAL CENTRIFUGAL END SUCTION. | MOTOR |
| 3. | FP-3 | COMMON JOCKEY PUMP. | HYDRANT/SPRINKLER SYSTEM | 10.8 | 70 | 7.5KW. | HORIZONTAL CENTRIFUGAL END SUCTION. | MOTOR |

FIRE SYSTEM DESIGN BY:-  Ramana Safety And Systems (I) Pvt.Ltd.
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Phone-079-40033304/05/06.
Telefax - 079 40033307
Mail - rssi@ramanasafety.org

PROJECT:- NABARD TOWER AT USMANPURA

TITLE:- SCHEMATIK DRAWING OF FIRE PUMP ROOM FOR FIRE FIGHTING SYSTEM

DESIGN BY :- JDS **DRAWING NO :-**

CHECKED BY:- JDS **RSSI-NABARD-SD-FPR-2054-02**

SCALE:- N.T.S **SIZE:-** A1 **DATE:-** 14.10.2021 **REV:-** 00.