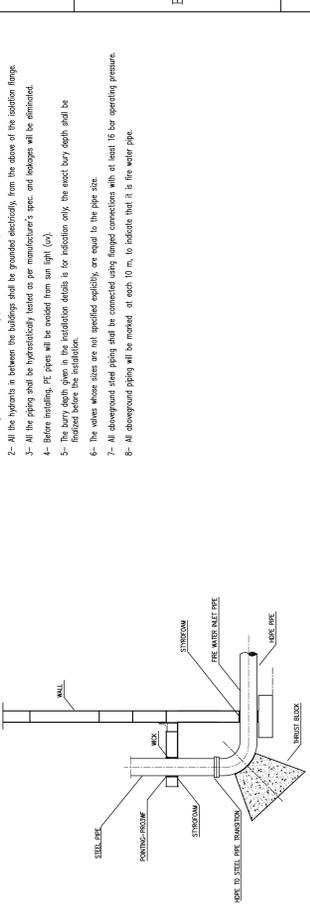


NOTES

- 1- Flushing etc. test and commissioning procedure shall be as per NFPA 14-2010.
- 2- All the hydrants in between the buildings shall be grounded electrically, from the above of the isolation flange.
- 3- All the piping shall be hydrostatically tested as per manufacturer's spec. and leakages will be eliminated.
- 4- Before installing PE pipes will be coated from sun light (UV).
- 5- The bury depth given in the installation details is for indication only, the exact bury depth shall be reached before the installation.
- 6- The valves whose sizes are not specified explicitly, are equal to the pipe size.
- 7- All aboveground steel pipes shall be connected using flanged connections with at least 18 bar operating pressure.
- 8- All aboveground pipes will be worked at each 10 m, to indicate that it is fire water pipe.



FIRE WATER INLET PIPE INSTALLATION DETAIL (N.T.S.)

LEGEND AND MATERIAL LIST

SYMBOL	TANK / DESCRIPTION
□	OUTDOOR INSTANT CURRENT CABINET (2.5x 3m x 1.7' HIG. 2 LG. ADJUSTABLE NOZZLE, 1 LG. WOOD)
○	UNDERGROUND OUTDOOR FIRE HYDRANT (WITH 100MM 4" INLET, 2 x 1/2" (300) OUTLETS)
●	POST INDICATOR VALVE (PILZ) (150 LBS. WITH SPIN AND LOCK) (P)
○	BATTERY VALVE
○	ORBIT VALVE (FLANGED, C/W SUPERVISORY SWITCH)
○	CONCRETE THRUST BLOCK
○	NEW UNDERGROUND FIRE WATER PIPING (DIPIC, POLY. PINK, 300)
○	NEW UNDERGROUND FIRE WATER PIPING (DIPIC, POLY. PINK, 150)
○	NEW UNDERGROUND FIRE WATER PIPING (DIPIC, POLY. PINK, 100)

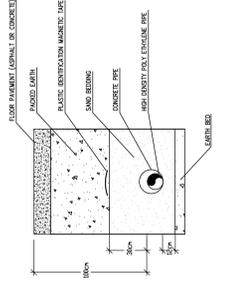
HOPE PIPE SCHEDULE

WALL THICKNESS	INSIDE DIAMETER	OUTSIDE DIAMETER	WALL THICKNESS
10.0 mm	10.0 mm	10.0 mm	10.0 mm
16.0 mm	16.0 mm	16.0 mm	16.0 mm
19.0 mm	19.0 mm	19.0 mm	19.0 mm
25.0 mm	25.0 mm	25.0 mm	25.0 mm
32.0 mm	32.0 mm	32.0 mm	32.0 mm

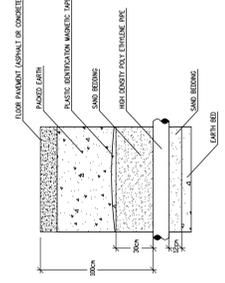
1) ALL UNDERGROUND POLYETHYLENE PIPING SHALL BE OF POLY. HOPE PIPE AT 18 BAR OPERATING PRESSURE.  
 2) BEFORE INSTALLATION, VALVE OF THE PIPING SHALL BE CLEANED FROM SAND AND DEB.  
 3) BEFORE INSTALLATION, VALVE OF THE PIPING SHALL BE CLEANED FROM SAND AND DEB.

THRUST BLOCK DIMENSIONS

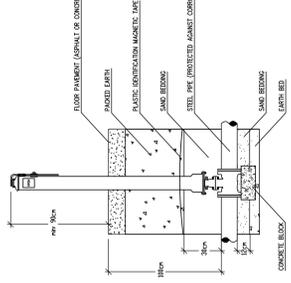
DEPTH	WIDTH	LENGTH	THICKNESS
100 mm	100 mm	100 mm	100 mm
150 mm	150 mm	150 mm	150 mm
200 mm	200 mm	200 mm	200 mm
250 mm	250 mm	250 mm	250 mm



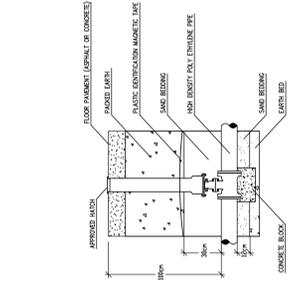
UNDERGROUND PIPE INSTALLATION (N.T.S.)



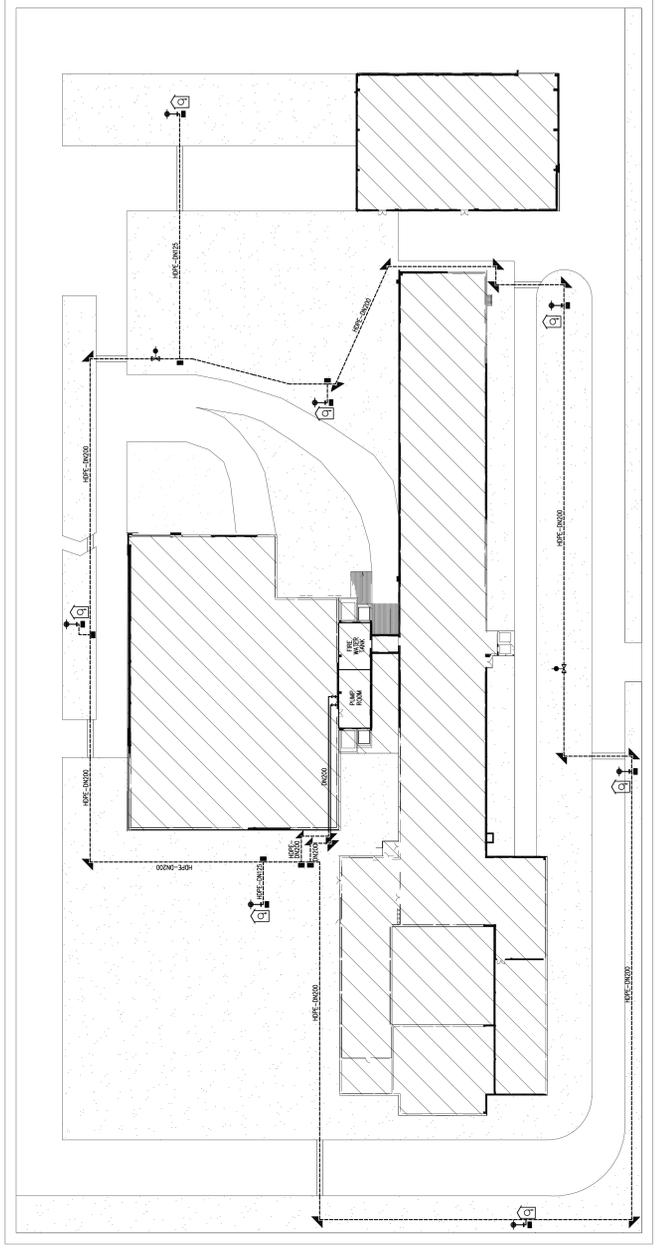
UNDERGROUND PIPE INSTALLATION (N.T.S.)



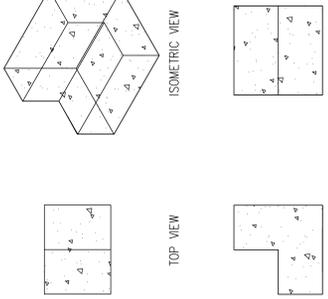
POST INDICATOR VALVE INSTALLATION (N.T.S.)



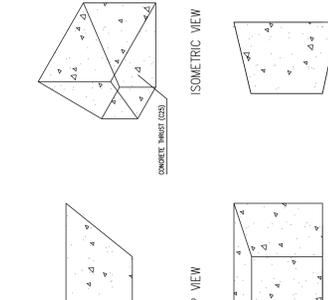
UNDERGROUND NRS VALVE INSTALLATION (N.T.S.)



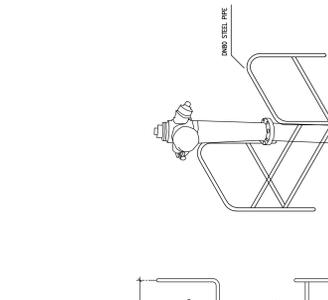
OUTDOOR HOSE-FIRE WATER MAINS SYSTEM (SCALE: 1/400)



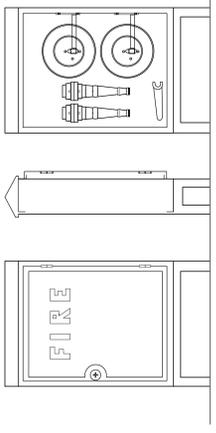
THRUST BLOCK (FOR HYDRANT) (N.T.S.)



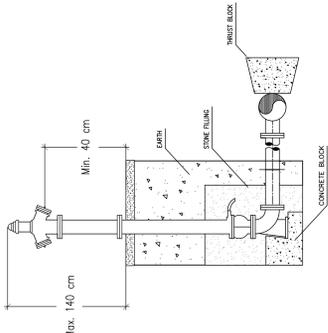
THRUST BLOCK (FOR ELBOW AND TEE) (N.T.S.)



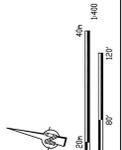
OUTDOOR HYDRANT PROTECTION DETAIL (N.T.S.)



OUTDOOR HYDRANT EQUIPMENT CABINET (N.T.S.)



OUTDOOR HYDRANT INSTALLATION (N.T.S.)



EVEX-DEKA-KAR-MECH-301

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 MALZEME TEMİN : -  
 MALZEME SİTEYİ : -  
 MONTAJ : -  
 İNŞAAT : -

DEKA HOSPITAL  
 MANUAL INTERVENTION MEANS  
 OUTDOOR HOSE-FIRE WATER MAINS SYSTEM  
 PLAN AND INSTALLATION DETAILS

ÇİZİM NO : 1  
 ÇİZİM TARİHİ : 21.07.2021  
 ÇİZİM YERİ : 1/400

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