

General pipe specifications

Pipe specification	Piping class	Pipe weight (kg/m)	Volume	
DN	min. DN	max. DN	Lit.	
1" 1/2"	32	42.4	3.2	1.51
1"	26	33.3	2.2	1.01
3/4"	20	25.3	1.2	0.58
2"	50	60.3	3.6	1.71
2 1/2"	65	76.1	2.9	1.38
3"	80	89.9	2.6	1.25
4"	100	114.3	3.2	1.51
5"	125	139.7	3.6	1.71
6"	150	165.1	4.0	1.91
8"	200	219.1	4.5	2.17
10"	250	273.1	5.0	2.43

Finishing piping

- Galvanized
- Red Primer / Menie
- Coated - color: RAL 3000

According to specifications in tender document

Hydraulic design specification

Building	Classification	Storage config.	Max. storage height (m)	Density (kg/m³)	Remote area	Type
Section	(DN-IB)				System Sprinkler	DRY
POMKAMER	OH-IB			5.0	100 m²	WET
TECHNISCHE RUMTEN	OH-IB			5.0	> 50 m²	DRY

SPRINKLERS

Type	Temp. (°C)	Dras. (mm)	K-Fact.	Resp.	Fabrikant	Model	Uitvoering	Sihre	Aantal	Opening
Upright	68	15	80	Standard	TYCO	TY-B	Brass	TY3151	574	

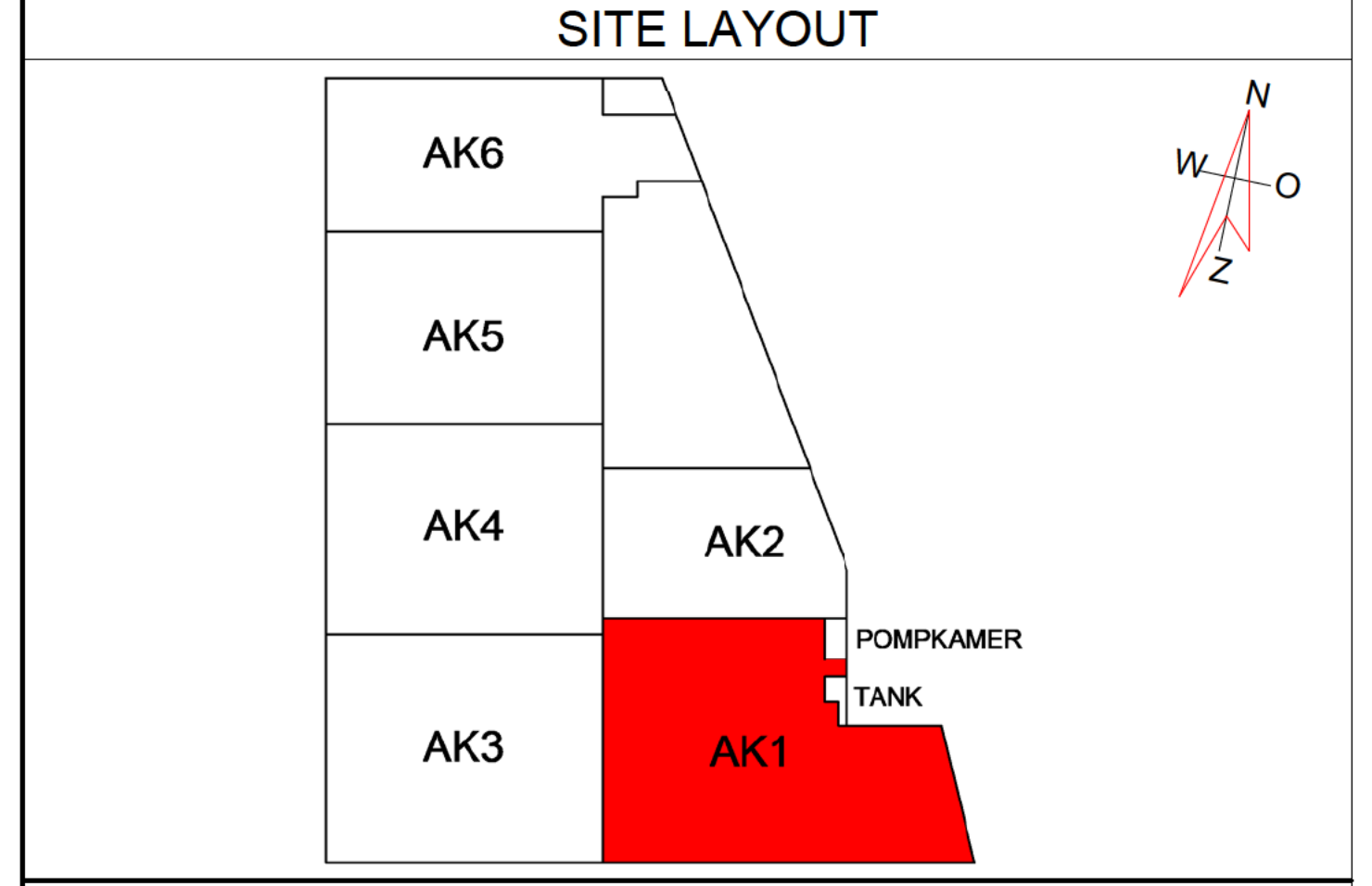
Total aantal sprinklers: 574

LEGENDA

- Alarmvalve
- CA of pipework under (concrete) ceiling
- CA of pipework above finished floor level
- Description of pipe (diameter x length)
- Rise or drop on sprinkler pipework
- Flexible hose
- Red Primer / Menie
- Coated - color: RAL 3000
- Drop nipple (diameter x length)
- Hanger location on sprinkler pipework
- Groove/lock joint location on sprinkler main
- Doorspoelafsluiter

Ø ≤ DN50 : fittings (screwed) / Ø > DN50 : groove couplings / grove couplings / flanges

System built according: FM NFPA VdS ENEN-EN12845 + A2 + NEN1073
 Authority Having Jurisdiction: n.n.b.
 Tender document: 05860-01-pve-01v1.2, Versiedatum: 16-01-2023



OPMERKINGEN:

Revision nr.	Date revision	Designer	Update model	Remarks	Checked by
A	16-12-2023				A.L.

Project name: **Marktwerter West te Amsterdam**
 Subject: **Sprinklerinstallatie Alarmkep 1**
 Date Design: 11-01-2023

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