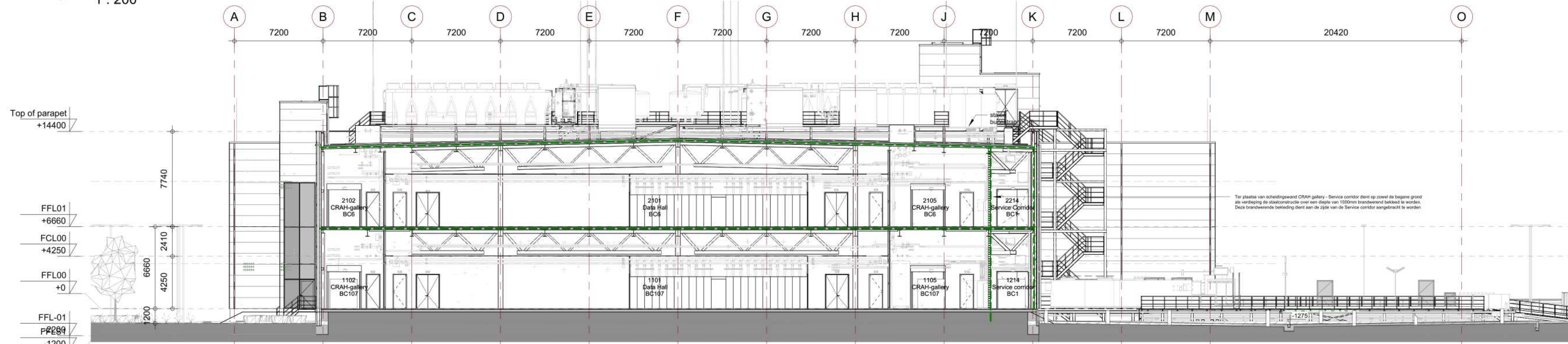




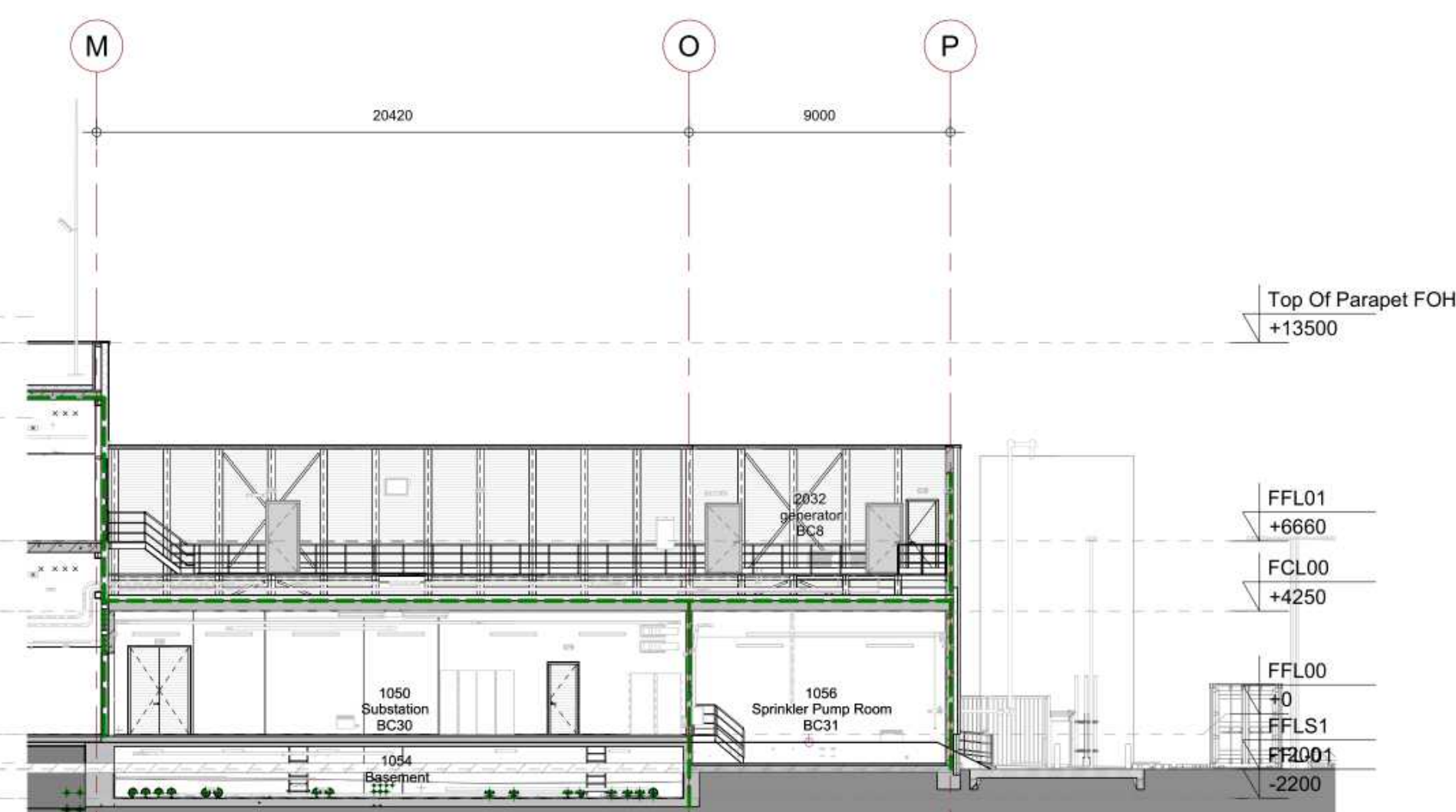
Section A Part 01
1 : 200



Section A Part 02
1 : 200

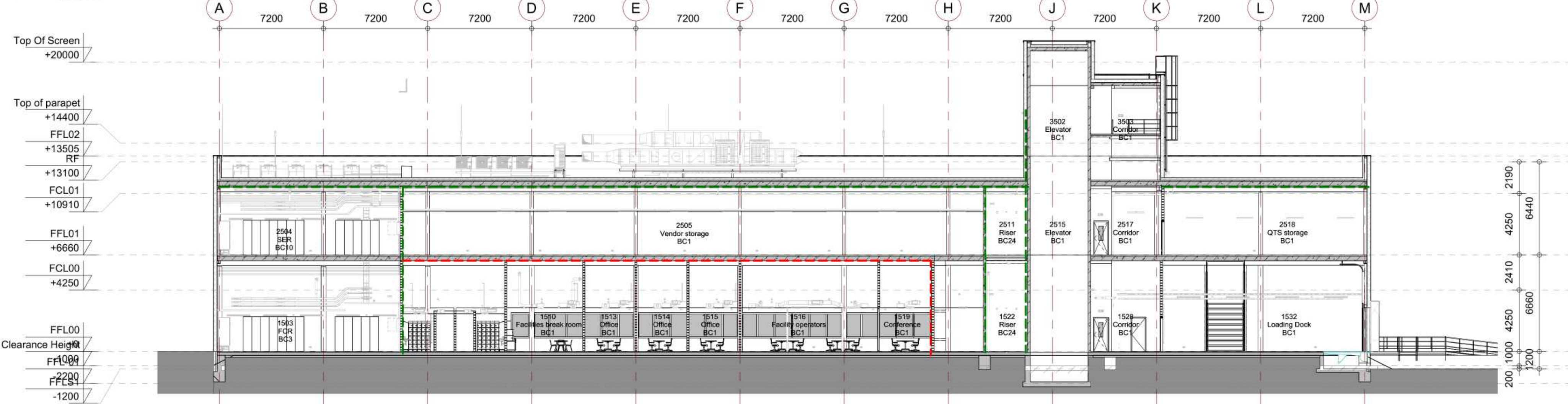


Section B
1 : 200

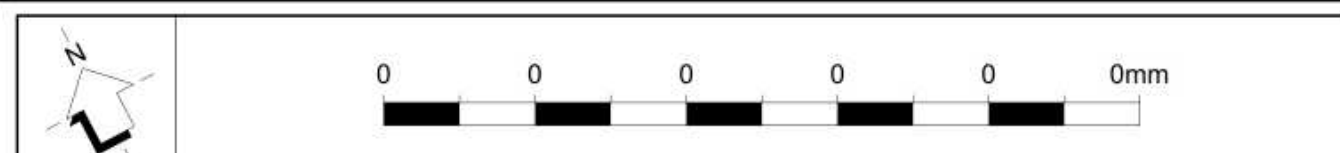


Section D Substation
1 : 200

Section C Front of House
1 : 200



Section F Back of House
1 : 200



Fire Safety Legend

- Vuchtroute aanduiding conform NEN3011 / Escape route indicator in accordance to NEN3011
- Loopafstand / Walking distance
- EBVR Extra beschermde vluchtroute / Extra protected escape route
- NVL Noodverlichting / Emergency lighting item
- BMC Brandmeldcentrale / Fire alarm control unit
- BP Brandweerpaneel / Fire brigade panel
- SCU Sprinkler 2 Controle Unit (SCU) / Sprinkler Control Unit (SCU)
- GCU Gas extinguishing Controle Unit / Blugas
- Handbrandmelder / Manual fire alarm push button
- Brandslanghaspel 30m / Fire reel with 30m hose.
- Draagbare blustoestellen conform NEN4001 / Portable fire extinguisher in accordance to NEN4001 (6 KG CO2 of 6 DM-schuim)
- Droge blusleiding slang of voedings aansluiting, conform NEN1594 / Dry pipe riser/hose connection in accordance to NEN1594
- Hoofdingang brandweer / Main entrance fire brigade
- Neveningang brandweer / Secondary entrance fire brigade
- Zelfsluitende deur / self closing door
- 60 min brandwerende deur / 60 min fire rated door
- 30 min brandwerende deur / 30 min fire rated door

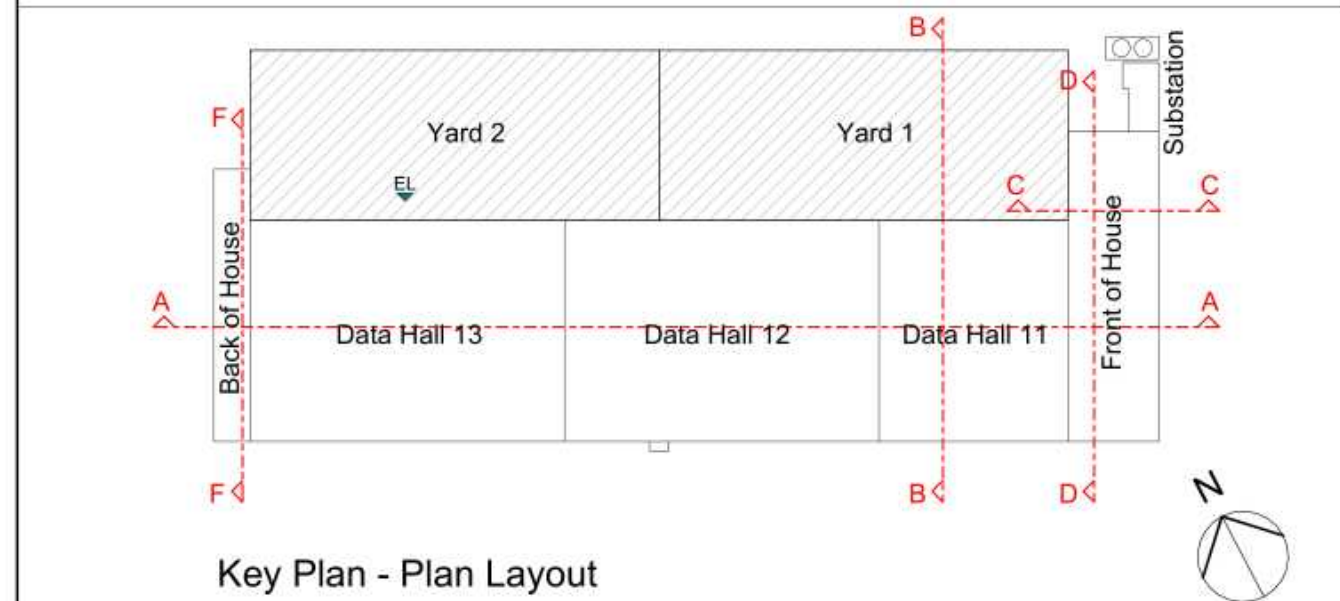
Fire Compartment separations according to NEN6058

- 30 min brandwerend / 30 min fire rating
- 60 min brandwerend / 60 min fire rating

Brandveiligheidssystemen / Fire safety systems:

- In het gehele gebouw zijn de volgende systemen aanwezig:
 - Automatisch branddetectiesysteem en handbrandmelders volgens NEN2535 (volledige bewaking)
 - Ontuimingsalarm met slow-whoop conform NEN2575 (type B - luid alarm)
 - Noodverlichting in vluchtwegen, functioneel zonder buitenlicht en liftkooien, moet binnen 15 seconden na het uitvallen van de stroomvoorziening een verlichtingssterkte van ten minste ten minste 1 lux, gemeten op de vloer en het tredeoppervlak, voor een duur van ten minste 60 minuten.
 - Het gehele gebouw is voorzien van een sprinklerinstallatie en de LV transformator modules zijn beveiligd met blugas. Zie tabel op de tekeningen: EEMS02-RHD-ZZ-01-DR-FS-391201, EEMS02-RHD-ZZ-01-DR-FS-391203 en EEMS02-RHD-ZZ-01-DR-FS-391204.

- Throughout the building the following systems are provided:
 - Automatic fire detection system and manual call points in acc. NEN2535 (full surveillance)
 - Evacuation alarm with slow-whoop in acc. NEN2575 (type B - loud alarm)
 - Emergency lighting in escape routes, functional area without outside light and lift cages, shall produce, within 15 seconds from a failure of the power supply, a lighting intensity of at least 1 lux as measured on the floor and the step surface, for a duration of at least 60 minutes. - The entire building is provided with a sprinkler installation and extinguishing gas. See table from the drawings: EEMS02-RHD-ZZ-01-DR-FS-391201, EEMS02-RHD-ZZ-01-DR-FS-391203 and EEMS02-RHD-ZZ-01-DR-FS-391204.



Key Plan - Plan Layout
1 : 200

002	02.10.2024		AA - Technical Design - Building Permit Application
001	30.04.2024		A3 - Developed Design - Building permit application
00	Issue Date	Issued By	Checked By
Designed By		Approved By	
Client: Quality Technology Services B.V. Zernikelaan 16 9747 AA Groningen The Netherlands			
Project: QTS - Project Lion EEMS02 (B16367) Kweldersweg Groningen, Emmenhaven The Netherlands		Subject: Fire Safety GA Sections Measures Permit Data Centre Building Permit	
Industry & Buildings		Scale: RIBA3.1	Role: Fire Safety Engineer
Laten 1914 no 35 3118 EC Amsterdam P.O. Box 1132 3800 BC Amersfoort The Netherlands mailto:info@qtsbvh.com www.qtsbvh.com		Scale: As indicated	Role: As indicated
Royal HaskoningDHV Enhancing Society together		Scale: A0 (1189x841)	Role: Decided by
EEMS02-RHD-ZZ-XX-DR-FS-391106			