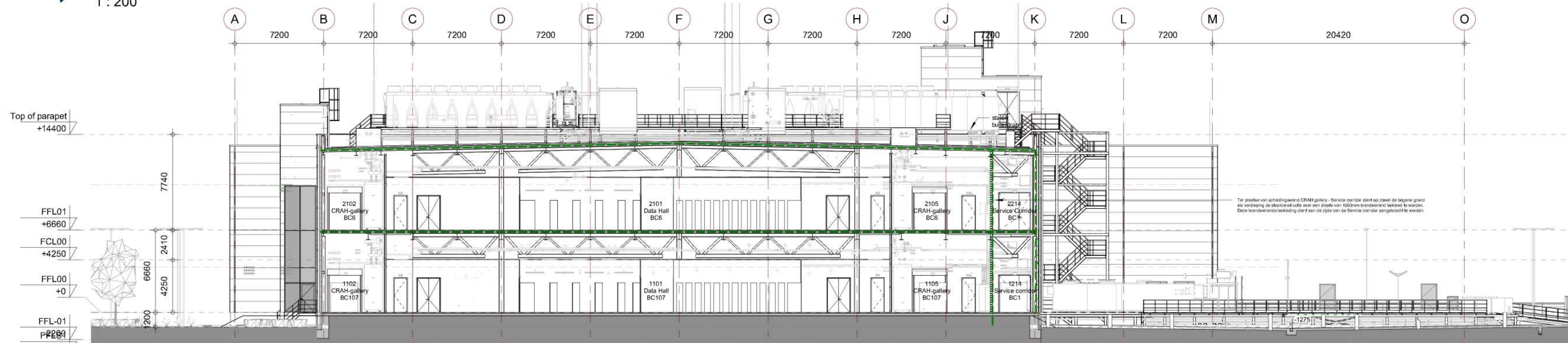




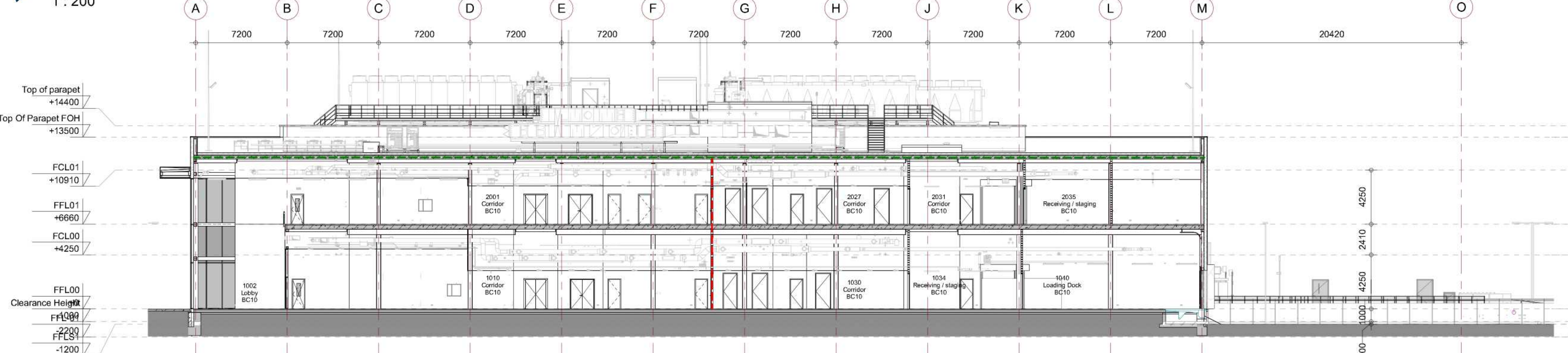
Section A Part 01
1 : 200



Section A Part 02
1 : 200



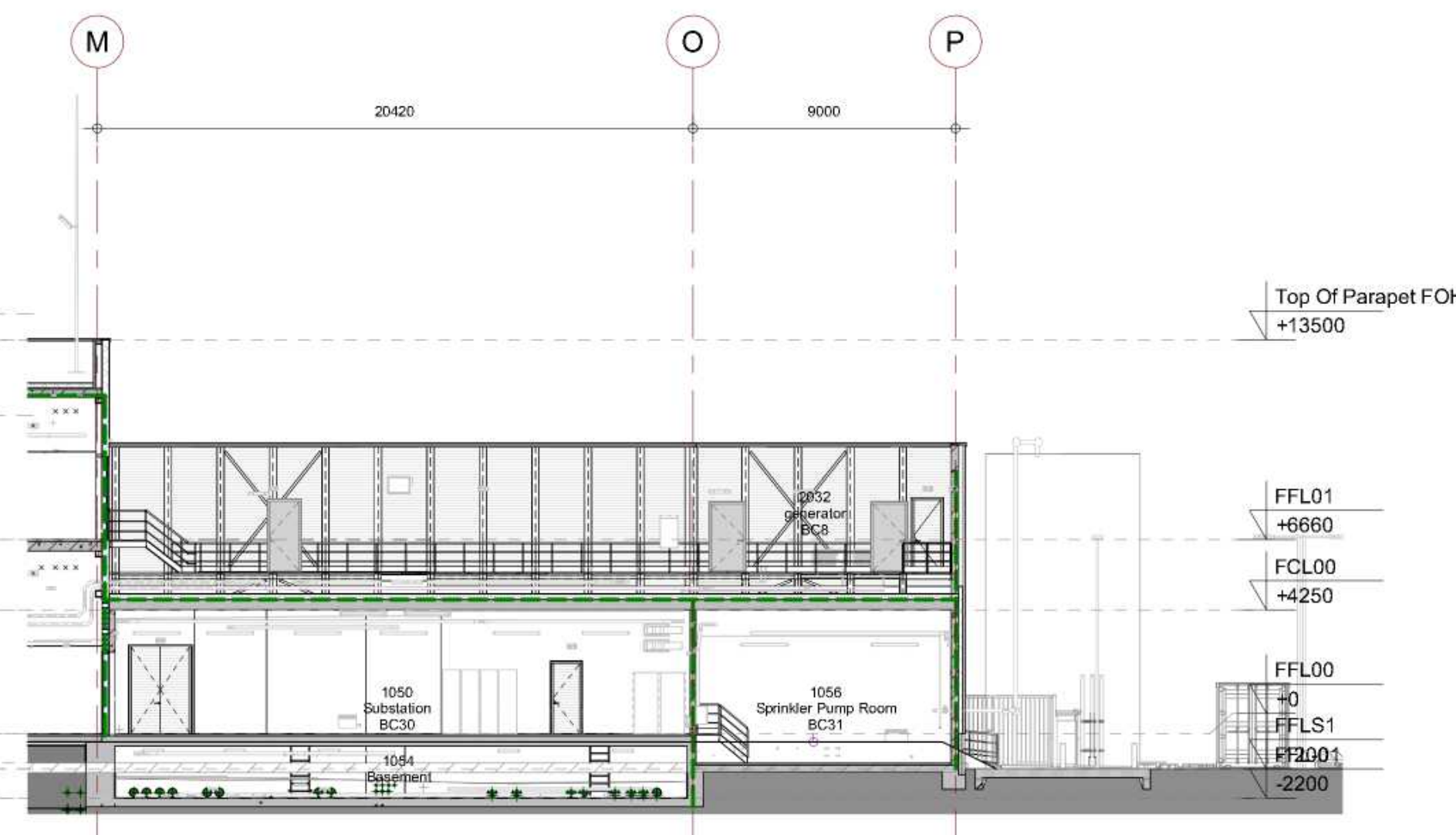
Section B
1 : 200



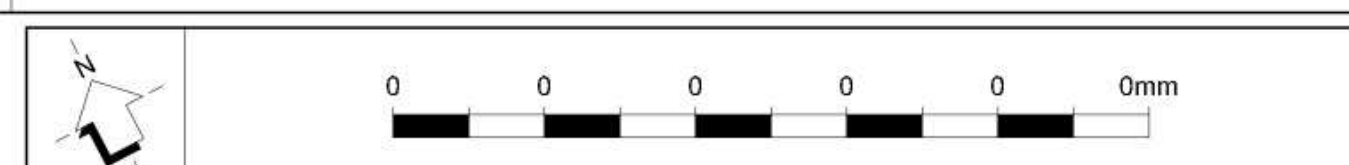
Section C Front of House
1 : 200



Section F Back of House
1 : 200



Section D Substation



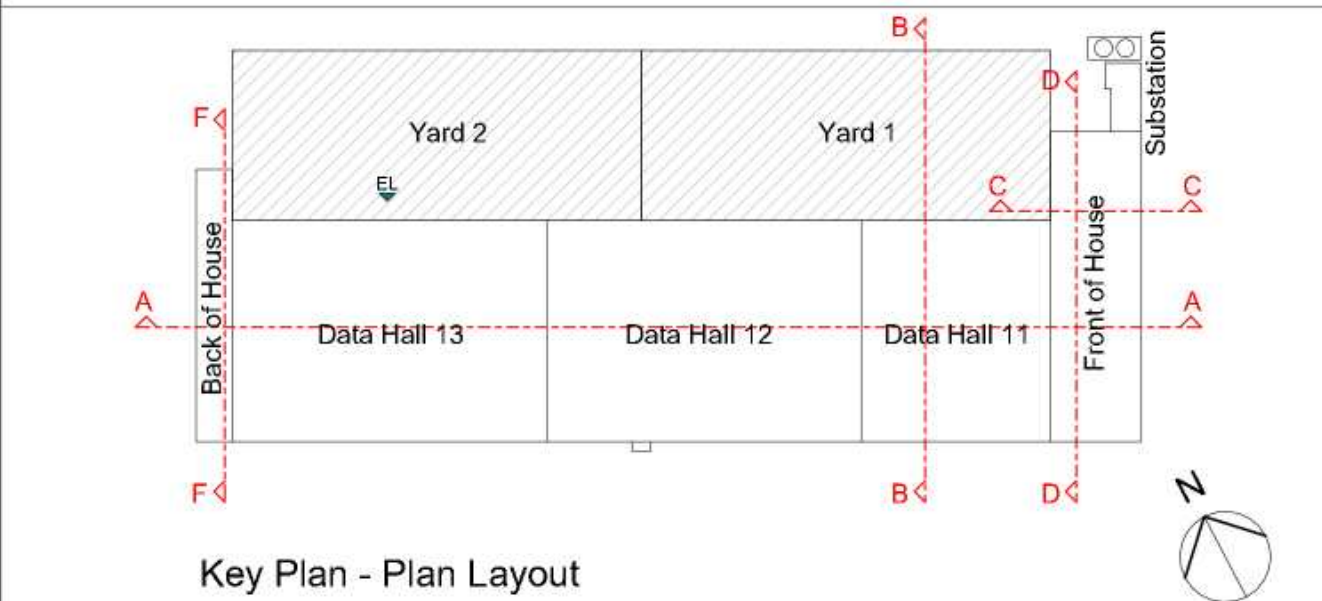
Fire Safety Legend

- Vluchtroute 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
 - Brandmeldcentrale / Fire alarm control unit
 - Brandweerpaneel / Fire brigade panel
 - Sprinkler 2 Contole Unit (SCU) / Sprinkler Control Unit (SCU)
 - 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 DMschuim)
 - Droge blusleiding slang of voedings aansluiten, 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 accordance to NEN6058
- 30 min brandwerend / 30 min fire rating
 - 60 min brandwerend / 60 min fire rating
- BC = Brandcompartiment / Fire compartment

Brandveiligheidssystemen / Fire safety systems:

- In het gehele gebouw zijn de volgende systemen aanwezig:
- Automatisch branddetectiesysteem en handbrandmelders volgens NEN2535 (volledige bewaking)
 - Ontruimingsalarm met slow-whoop conform NEN2575 (type B - loud alarm)
 - Noodverlichting in vluchtwegen, functionele ruimte zonder buitenlicht en liftkooien, moet binnen 15 seconden na het uitvallen van de stroomvoorziening een verlichtingssterkte van 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 en EEMS02-RHD-ZZ-01-DR-FS-391203.
- 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 and EEMS02-RHD-ZZ-01-DR-FS-391203.



Key Plan - Plan Layout

PRQ 30.04.2024	A3: Developed Design - Building permit application
PRQ 16.07.2022	A3: Developed Design - Building permit application
By: Issue Date	Issued By: Checked By: Description:
Designed By:	Approved By:
Client: Quality Technology Services B.V. Zernikelaan 16 9747 AA Groningen The Netherlands	
Project: QTS - Project Lion EEMS02 (B16367) Kwelderweg Groningen, Eemshaven The Netherlands	
Subject: Fire Safety GA Sections Measures Permit Data Centre Building Permit	
Industry & Buildings RIBA3.1 Laten 1914 no 36 3118 ES Amsterdam P.O. Box 1132 3900 BC Amersfoort The Netherlands mailto:info@qts.nl www.qts.nl	
Role: Fire Safety Engineer Scale: As indicated Scale: A0 (1189x841)	
Royal HaskoningDHV Enhancing Society Together	
EEMS02-RHD-ZZ-XX-DR-FS-391106	