

A photograph of a brick building with a glass entrance and a taller building in the background. The sky is overcast. The foreground is a paved area with a brick pattern.

# KM3NeT DOM and DU integration in PiMu (in 2 minutes)

Nikhef Stafoverleg 9/3/2020

R. Bruijn

Activities :

- DOM integration
- DU integration
- Logistics for collaboration (distribution)
- Pressure testing of components
- DOM testing
- R&D

Capacity:

10+ DOMs integrated per week  
(Fastest integration site by a factor of 2)

1 DU equipped with DOMs, VEOC and Base penetrator per 3 weeks

Storage  
(Europe/Local)

Darkroom  
(DOM testing)

Pressure Test  
Cable Prepare  
R&D

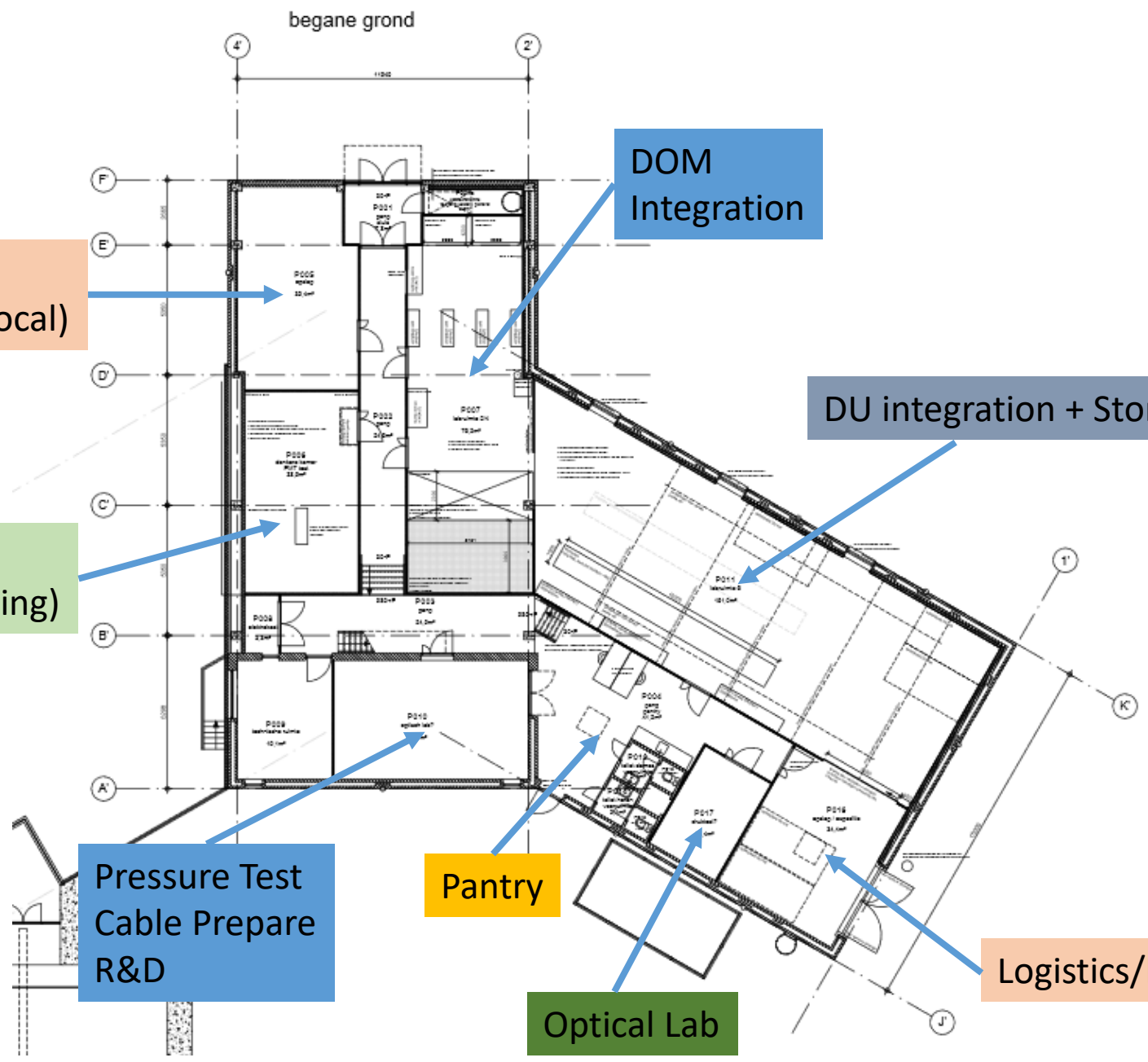
Pantry

Optical Lab

DOM  
Integration

DU integration + Storage

Logistics/Loading Bay



# DOM Integration Lab

Electronics+PMT mounting (ESD protection)



“Wet” part  
(Gel and Glue)

Helium testing  
DOM closing

## DU Integration + Storage

Overhead crane for DU box transport





Dark Room



Pantry



Main Corridor



Storage (Europe/Local)+Logistics and QC

# Plans

- Current activities (relevant for PiMu)
  - Finalizing DOM and DU production labs
  - Developing new DOM test tooling
  - Developing PMT testing setup
  - A lot of procurement activities DOM production
  - Commissioning: mid April
  - Full speed : mid May
- DU Integration
  - Commissioning : ~May (lags behind DOM production)
- PMT testing: May/June
- Planning for now
  - 370 DOMs until May 2021
  - 26 DUs until April 2022



## Neutrinojacht op de bodem van de zee

In de Middellandse Zee bouwen onderzoekers een neutrinodetector. Op zoek naar ongreepbare spookdeeltjes.

**2/3**  
**Kunstbeurs**  
Archeologie zonder papieren

**5**  
**Recensie**  
Speurtocht naar een tragisch genie

**10/11**  
**Interview**  
Een bij heeft meer bewustzijn dan een computer

**W**  
wetenschap



FOTOPATRIEK/UMMAS