• Bill Quinn’s memories of Eamon as a lecturer and supervisor from 1964 to 1967 - nearly 50 years ago
Royal College of Science of Ireland, Merrion Street, absorbed into UCD in 1926, vacated by UCD in 1989
Synopsis of academic association with Eamon Hanrahan

- Undergraduate from 1962 to 1966 – lectured by Eamon from 8\textsuperscript{th} October 1964 to 3\textsuperscript{rd} May 1965 and from 6\textsuperscript{th} October 1965 to 18\textsuperscript{th} May 1966 in Soil Mechanics – the first book referred to in Eamon’s first lecture was “Erdbaumechanik” by Karl Terzaghi
- Qualified as a Civil Engineer in 1966
- Carried out research work from October 1966 until September 1967 under the supervision of Eamon & submitted Thesis
- Awarded post graduate M. Eng. Sc degree in 1967
Soil Mechanics in Engineering Practice

Karl Terzaghi
Ralph B Peck

Methods for dealing with the practical problems of earthwork and foundation engineering
Civil Engineering drawing office c.1965
UCD M. Eng. Sc Projects in 1966-67

- Bill Quinn with Eamon Hanrahan (Soil Mechanics)
- John McNerney with Sean deCourcy (Concrete)
- Don McEntee with Tom Casey (Hydraulics)
- Technical Support: Eugene Kelly, George Cosgrave & Terry?
Research carried out to investigate the practical difficulties to be overcome in simulating plain strain using remoulded peat in a triaxial cell

- Programme details discussed and agreed with Eamon
- Material preparation (m/c 940%, LL 740%)
- Triaxial equipment modifications – use of mercury, Chloroform (?) and paraffin
- Consolidation tests – dried samples work of art!
- Shear tests
- Creep tests
- Combined consolidation, shear & creep tests (plain strain simulation)
Modifications to Triaxial Cell

1½" Dia. Sample
Surrounded by
Blotting Paper and
Enclosed in a Rubber
Membrane

Drainage Connexion

Perspex Cylinder

Paraffin

Water

Pore Pressure Connexion

Shut Off
Combined test (simulation of plain strain)

\[ \sigma_{\text{cell}} = 2.5 \text{ p.s.i.} \]

\[ W/C_o = 607\% \]
Plain strain simulation - note horizontal corrugations
Eamon Hanrahan

- A very modest and gentle person
- An excellent lecturer who inspired many of his students to become involved in Geotechnical Engineering and Projects
- A very interested and inspiring supervisor who could quietly advise the correct path to be followed by a post graduate researcher
- A man who was always generous with his time and help in one’s later career