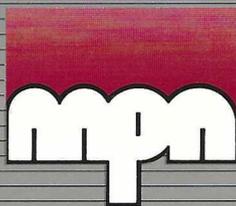


THE

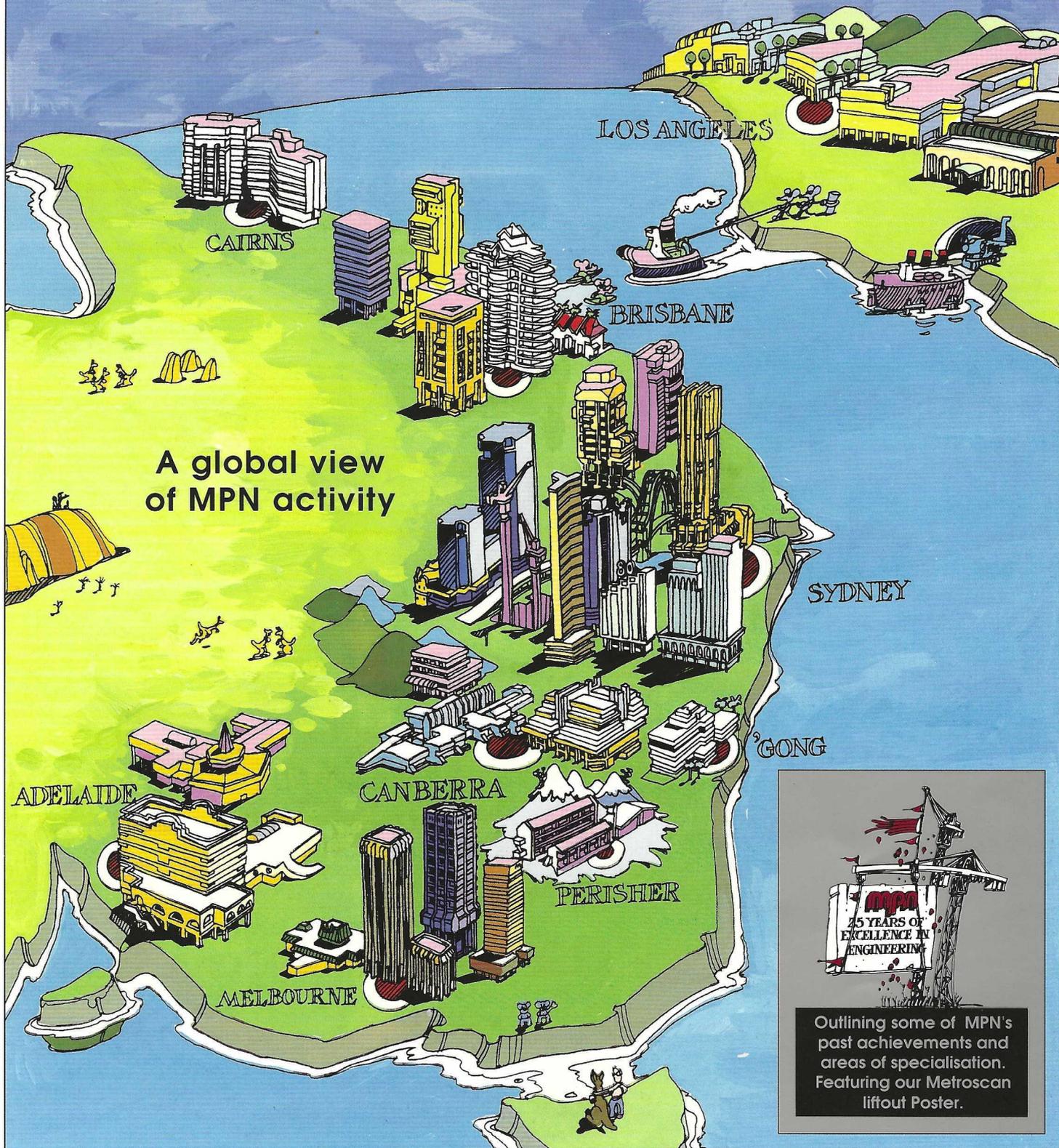


GROUP NEWS

Number Seven - August 1991

A NEWSLETTER COMPILED BY THE MPN GROUP OF CONSULTING ENGINEERS

Special Anniversary Edition Celebrating 25 years of Excellence in Engineering



A global view
of MPN activity

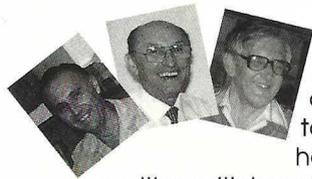


25 YEARS OF
EXCELLENCE IN
ENGINEERING

Outlining some of MPN's
past achievements and
areas of specialisation.
Featuring our Metroscan
liftout Poster.

"Twenty five years"

Handshakes in agreement to half a page of freehand notes, scribbled over an appropriately concrete table below the Sydney Harbour Bridge, initiated the partnership of Mátéffy Perl Nagy Consulting Structural Engineers some 25 years ago.



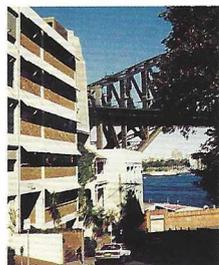
The ensuing friendly co-operation on an equal basis, together with honest, open, positive criticism of each others work, set the style for the coming years and has ensured the success and stability of the practice for the past generation.

We were fortunate in gaining the confidence of some major developers very early, so that in addition to the spate of housing projects typical of the late sixties, we were awarded some major commissions, such as *Park Regis* and *Doncaster Shopping Town*, not long after the start of the practice.

Looking back it appears that the last twenty five years have seen the greatest changes to Consulting Engineering generally, and of course to our practice in particular. Practices have metamorphosed from conservative traditional professional partnerships to incorporated businesses, and under recent pressures more and more to design and management "contractors". But people still remain the most important part of any business and we are fortunate that the same high calibre of people continue to be attracted to our firm over the years, some staying decades with us.

MPN has survived some difficult times; most caused by economic conditions and one by the tragic loss of one of our founding principals, John Nagy. But the resilience and co-operation of the Group members ensured the stability of the firm through good times and bad. So with the experience of the last twenty five years we look forward, even in the current lean times, with confidence to the Group's further success in the future.

Stephen A. Mátéffy

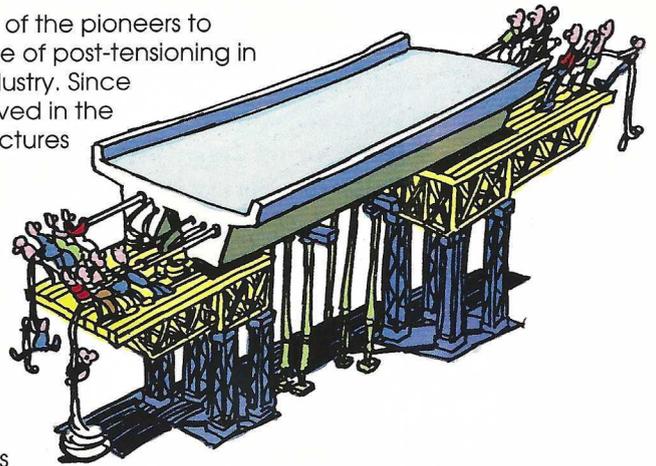


MPN House, Sydney

"Some jobs can be very stressful"

MPN has been one of the pioneers to spread the use of post-tensioning in the Australian building industry. Since 1965, **MPN** has been involved in the design of pre-stressed structures for all types of buildings.

Floors of multi-storey car parks, industrial office and residential buildings, shopping centres, special structural elements such as transfer and underpinning beams for columns, and precast, pre-stressed bridge beams are some of the applications. *Post-tensioning is indeed an MPN specialty.*



"Clients built with strong foundations"

It is generally difficult to select only certain clients for special mention, but MPN's relationship with the following few is so special and longstanding that we feel our many other clients will not be offended if we make special mention of them.

The directors of some of these firms, now major players in the development field, had the courage to entrust the design of prestige projects to MPN in the very earliest years of our practice. *Apparently we did not disappoint them as we are proud to say that after twenty five years all are still our continuous valued clients.*

Mr Frank Lowy AO, Chairman of Westfield Holdings, spoke briefly about his feelings on MPN, and why Westfield have used them for every Shopping Centre.

"MPN's diligence and application to the job is outstanding. Our relationship has been very satisfying, and rewarding for both parties.

I believe that when you are on a good thing, you should stick to it. I want to congratulate MPN and wish them a continuing success in the future. They should go from strength to strength, and the young directors will no doubt follow the examples of Les, Stephen and John to lead the firm into the next twenty five years with us."

Park Regis, the first major residential tower in the Sydney CBD, was the brainchild of **Mr Ervin Graf**, Executive Chairman of the Stockland Group. *"The proposed shape and height of Park Regis presented us with a difficult challenge. The building was*

unusually slender, which meant that resisting high wind pressure with acceptable flexibility, but without cracking, was a main consideration."

"We trusted MPN to provide us with whatever we needed to meet the rigorous design specifications within budget, and with the right amount of concrete walls, columns and beams. They did just that. Ever since, MPN has consistently proven their competence, and have always provided the kind of special service that is today most unique. Their co-operation at all times has been first class and is much appreciated," said Mr Graf.

Only a little later, some 23 years ago, we had our first commission from **Mr David Burger** of City Freehold P/L. We developed such a good rapport with him, that he has included us in all his projects ever since. His most recent project in California, Sherman Oaks Shopping Centre, designed by MPN, recently received a Design and Construction Award in the USA. MPN looks forward to continuing their association with **Mr Burger's** team for many years to come.

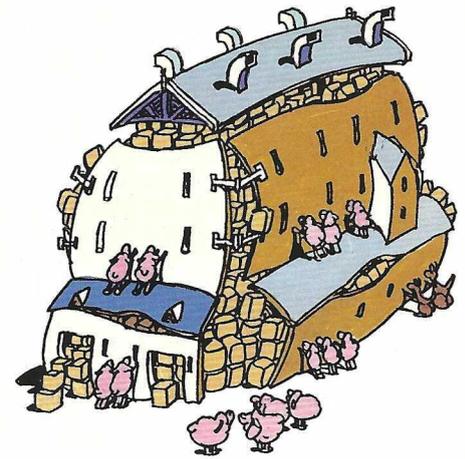
One of our first commissions was from architect, **Mr Frank Hoffer**, who, until his very recent death, remained a continuous client of MPN. Other longstanding clients who have used our services continually to this day, are **Messrs Stephen Gergely, Bruce Wholohan, Dino Burattini and Henry Pollack.**

We are confident that we shall continue to earn the trust of these clients, and of course all of our other current valued clients for many years to come.

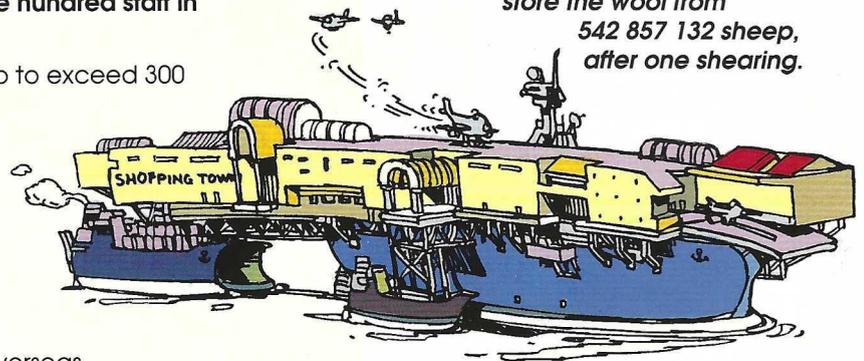
Milestones

"Believe it or not"

- 1966 MPN Partnership was set up at 34a Alfred Street, Milsons Point. Park Regis, still the most slender reinforced concrete frame in Sydney, was designed by MPN. 
- 1967 **Doncaster Shopping Centre in Melbourne was both our first job interstate, and our first major structure using pre-stressed concrete.**
- 1969 Amoco House; our first multi-storey office building with fully pre-stressed concrete floors.
We moved to 8 Glen Street, Milsons Point.
Indooroopilly Shoppingtown; our first job in Queensland.
Building Services branch set up to cater for the increasing demand by some clients for a complete service.
- 1970 **The partnership of Mátéffy Perl Nagy was incorporated. Mátéffy Perl Nagy Kuter was incorporated in Melbourne. The first Associate Directors were appointed.**
- 1971 Our one thousandth job was registered.
MPN opens an office in Queensland.
- 1972 **Sydney structural section reached one hundred staff in number.**
- 1973 Parramatta Shoppingtown; our first job to exceed 300 drawings.
Sydney office moved to its present address.
- 1974  **We survived our first recession.**
- 1975 MPN joins forces with two other professional firms forming the "Urban Collaboration," to seek work overseas.
MPN's first A.C.T. Government job;
Erindale Sporting and Cultural Centre .
The Queensland Parliament Office Building;
our first major Government structure.
- 1976 **MPN's first job overseas, in Kermanshah, Iran.** 
- 1977 MPN's first job in the U.S.A.;
Buena Park Regional Shopping Centre in California.
- 1978 **Following the Shah's flight, we abandoned all work in Iran.**
- 1980 Our Brisbane operation was re-formed as the MPNQ partnership, with Daryl Arkinstall and Rick Godfrey as resident principals.
- 1985 **Michael Timar joins the Group to form the MPN-Timar-Martin Building Services partnership.**
- 1986 John J. Nagy's tragic death in Rio de Janeiro. 
First additional directors were appointed.
- 1989 **Our tallest building of 162m, Quay West, in Sydney Cove, was designed. Our six thousandth job was registered.**
- 1990 MPN-ANF Inc., our joint venture corporation in Los Angeles, was formed.
- 1991 **Building Services Group re-formed as MPN-Timar. The Quality Assurance System officially set up. MPN designs extensions to Miranda Shoppingtown, to become the largest shopping centre in the Southern Hemisphere.** 
Design work commenced on the Bennelong Centre, currently the most widely publicised development since the Opera House.



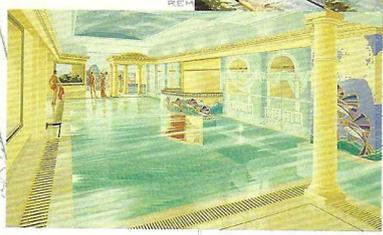
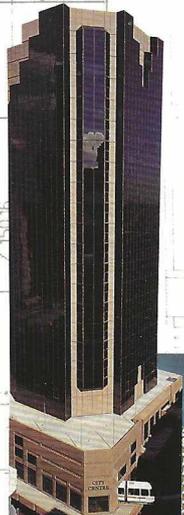
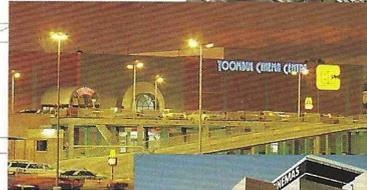
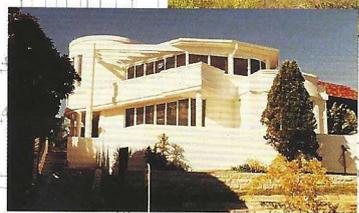
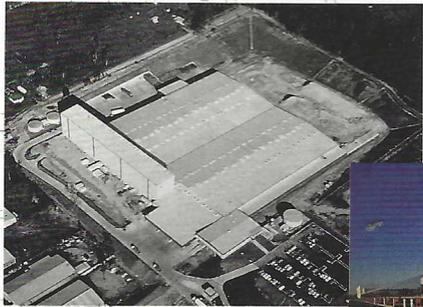
MPN have designed scores of warehouses, well exceeding a total volume of ten million cubic metres. *This would provide enough space to store the wool from 542 857 132 sheep, after one shearing.*



The word is spreading! MPN are even designing shopping centres on the other side of the Pacific Ocean! **The number of post-tensioned shop floors designed during the past 25 years contain enough stressing strands to circle the earth.**

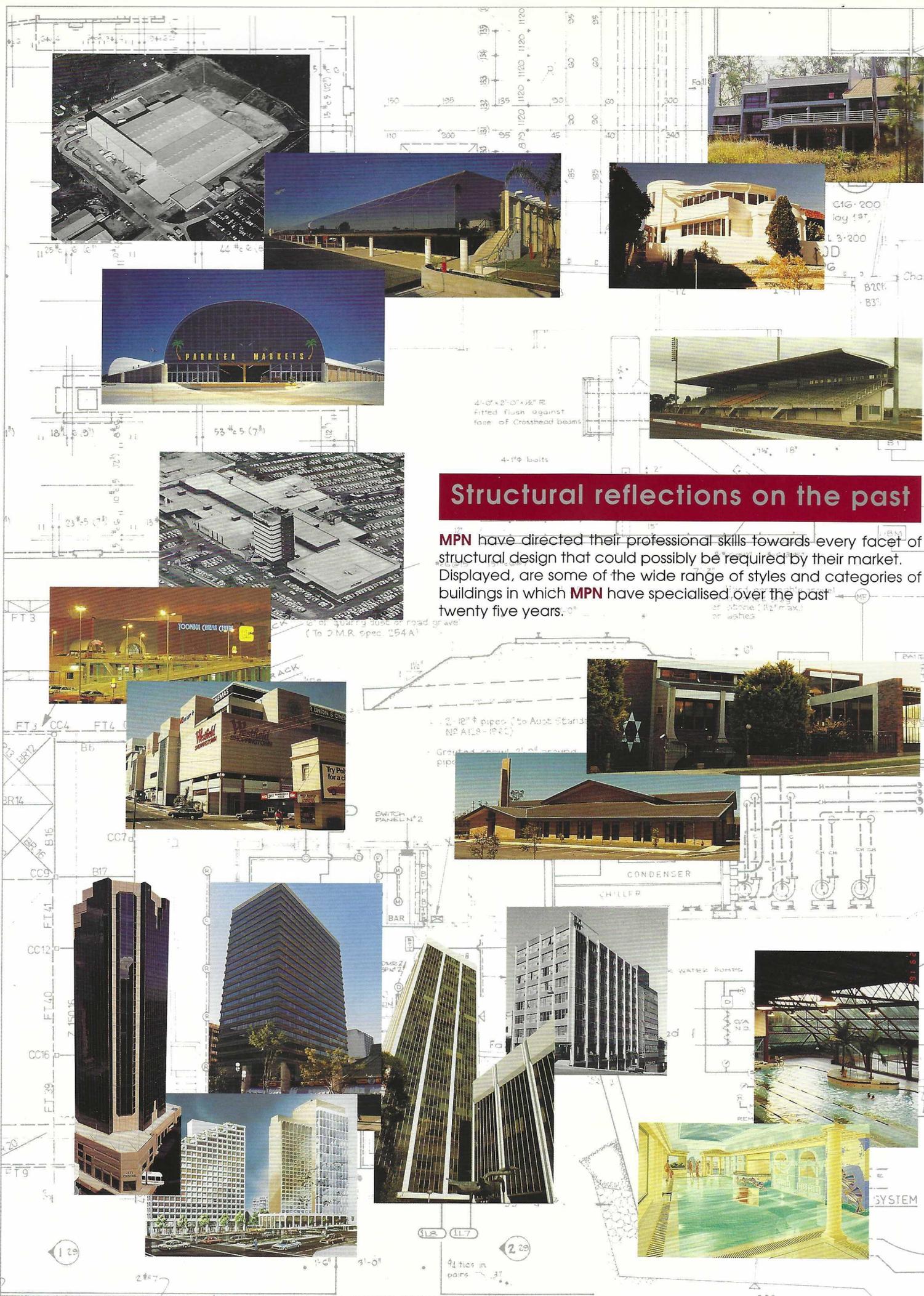


The sky is the limit! MPN takes credit for designing over 100 high rise buildings, which if stacked one on top of the other, would well exceed twice the height of Mount Kosciusko!



Structural reflections on the past

MPN have directed their professional skills towards every facet of structural design that could possibly be required by their market. Displayed, are some of the wide range of styles and categories of buildings in which MPN have specialised over the past twenty five years.



Cut From 18" x 7 1/2" x 45" UB

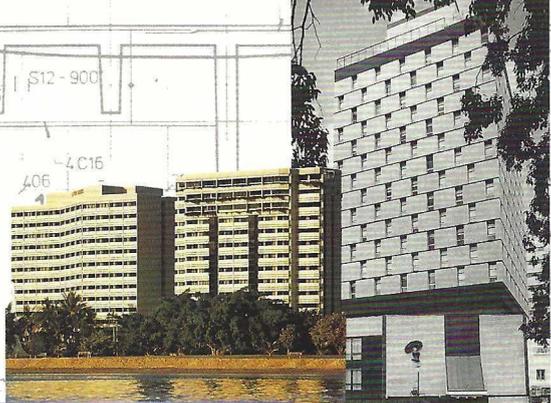
butt weld



7 S12-290 IN THREES

13

58



Fall 75



89 x 89 x 6.5 L

10 R 1 M20 bolt



EMERGENCY LIGHTS

EMERGENCY LIGHTS



STREET



T.P. 1244.96
CH. 31' 32' 40' 123'
13.000

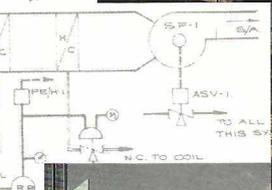


X1: 28" x 10 ties #3 (10')

C1: 24" x 10 ties #3 (10')

LL1: 8" x 10 ties #3 (18')

LL2: 8" x 10 ties #3 (18')



50

50c

C12

C12-24"

150

150

60 na

pool

150

150

40 cover

600

1



Datum +31.0'

MATEFFY-PERL-NAGY CONSULTING ENGINEERS
3 NORTHCLIFF ST., MILSONS POINT, N.S.W. 929744

TYPICAL SAMPLES OF DETAILING

FOR STRUCTURAL, CIVIL, ELECTRICAL & MECHANICAL SERVICES

DESIGN: SAM	DRAWN: [Signature]	SCALE: 3/4" = 1'-0"
CHKD: [Signature]	No. IN SET: 24	MAN JOB: 2345
APPRD: [Signature]	DATE: 24.7.75	DRAWING NO. 1

1500 4

F92 fabric

1

25 years of people and progress

Current Principals



From T-Squares to CAD

From using timber T-Squares, set squares and rapidographs, we are now making the most of the efficiency and exceptional precision offered by the latest in CAD technology to produce most of our drawings.

Our last T-Square was decommissioned in 1982, with the first CAD station being installed in 1986.



From Hand Written Cheques to Computerised Wages and Accounts

Our electronic time/cost system was set up in 1988. We fully computerised wages in 1989.

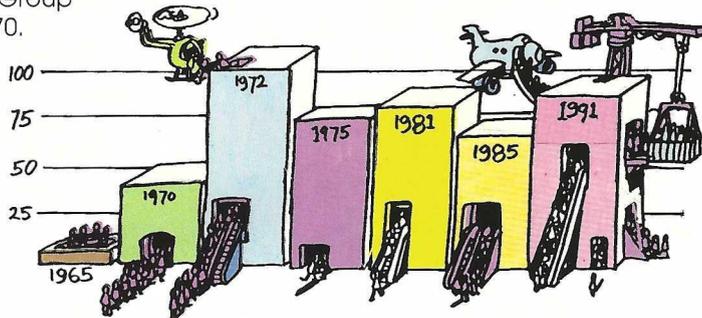


From Slide Rule to PC

In the sixties, we had slide rules to help with calculations for the largest of projects; now even minor jobs have the benefit of powerful computer programmes for design analysis.

In twenty-five years MPN has trained no fewer than 26 apprentices and 10 trainee draftpersons, many of whom are still employed by MPN.

- Our first apprentice draftsman, **Kevin Holmes**, was indentured with MPN in 1968, and is now the **Chief Structural Draftsman** of MPN Sydney.
- **Les Pal**, our longest serving engineer, and now a director, joined MPN in 1968.
- **George Kaye**, **Otto Kemenes**, **Daryl Arkinstall** and **Andre Kuter**, now directors, and **Bob George**, our Group Accountant, joined the Group in 1970.
- **Erika Gray**, MPN's longest continuously-serving drafter, has been a part of our Group since 1973.
- **David Bruce**, MPNQ's Chief Drafter, has been with the Group since 1970.



Group Staff Growth Over The Years

Sydney



Stephen Mátéffy



Les Perl



Otto Kemenes



George Kaye



Les Pal



Michael Timar

Brisbane



Daryl Arkinstall



Richard Godfrey

Melbourne



Andre Kuter



Ray Johnston

Los Angeles



Frederic Wilhelm



Danny Yu

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