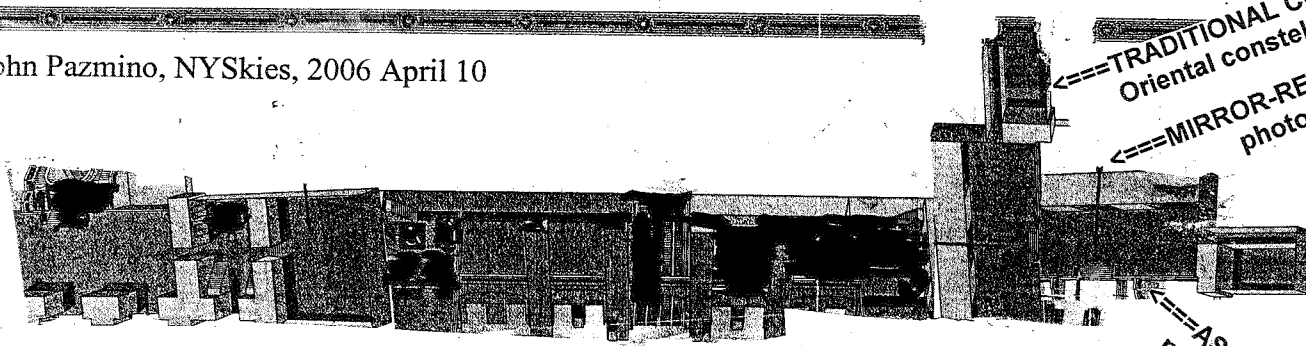


# The astronomy in Grand Central Terminal

by John Pazmino, NYSkies, 2006 April 10



←---TRADITIONAL CHINESE STARCHART  
Oriental constellations and Milky Way

←---MIRROR-REVERSED MOON PICTURE  
photograph near Full Moon

ASSORTED COSMOGRAMS  
many in east arm of transverse

# GRAND CENTRAL NORTH

REVERSED GEOGRAPHY==>  
South Spine is northern one

REVERSED GEOGRAPHY==  
Northeast Passage in southeast

**REVERSED GEOGRAPHY**  
North Spine is southern one

# MAIN CONCOURSE

**OLD TRAIN DISPATCHER'S BOARD:**  
recalls use of astronomical timekeeping

THE FAST PASSAGE

MODERN RAILROAD TIMEKEEPING  
governed by GPS and atomic time

STONEHENGE SU...  
east balcony on

**TIMEKEEPING**  
and atomic time

**STONEHENGE SUMMER SUNSET**  
east balcony on 30 May & 11 July



**PINHOLE SUN PROJECTION=**  
**from grillage in south windows**

TRAIN

ERROR-REVERS

humankind's large

reward for fighting luminous graffiti

WANDERBILT HALL

TRANSIT-CHEK' REDEMPTION:

ROR-REVERSED SKY CEILING  
 humankind's largest starmap  
 'K' REDEMPTION  
 luminous

**FIRST MOONLIGHT LAMPPOLE:**  
elegant star-friendly urban illumination

CORNER OF  
ANDERBILT AVE.  
42ND STREET

CORNER OF  
VANDERBILT AVE.  
42ND STREET

42ND STREET

Rain

RAIL AND TRANSIT HUB  
transit quenches luminous graffiti

MERCURY, HE...  
ues of planet, c...

Ram

TRANSIT HUB  
es luminous graffiti

MERCURY, HERCULES, MINERVA  
statues of planet, constellation, asteroid #93

ELLIPSE  
ellipse

# DINING CONCOURSE

**Grand Central Terminal is filled with astronomy points of interest. Some are obvious, like the fabled Sky Ceiling. Others are subtle, like the ticket windows where you redeem your reward for fighting luminous graffiti. This self-guided tour brings you to over one dozen astronomy features of the Terminal. Compiled by NYSkies, the support service for home astronomy in the New York cosmopolitan region, and adapted from a map provided by MTA MetroNorth Railroad. Details about NYSkies are at [nyskies@nyskies.org](mailto:nyskies@nyskies.org), [www.nyskies.org](http://www.nyskies.org).**

