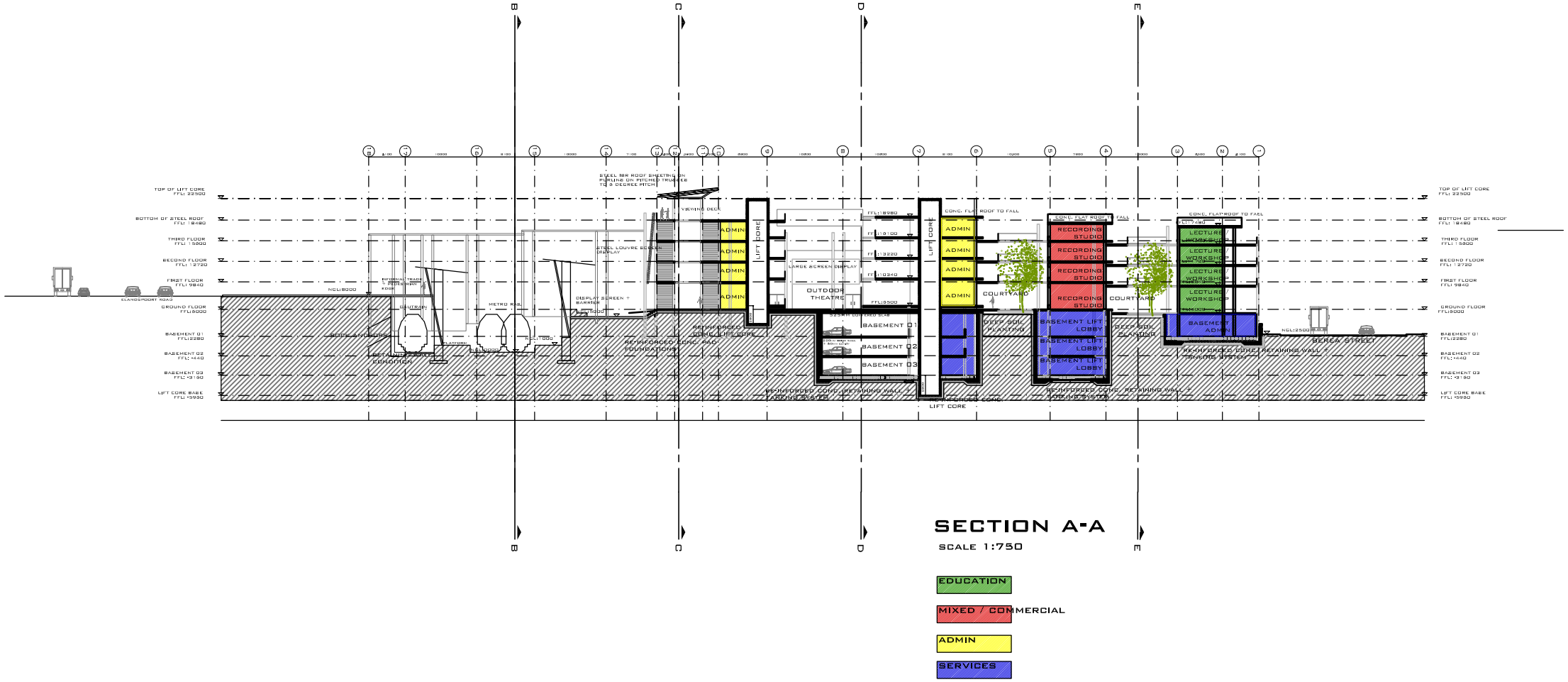
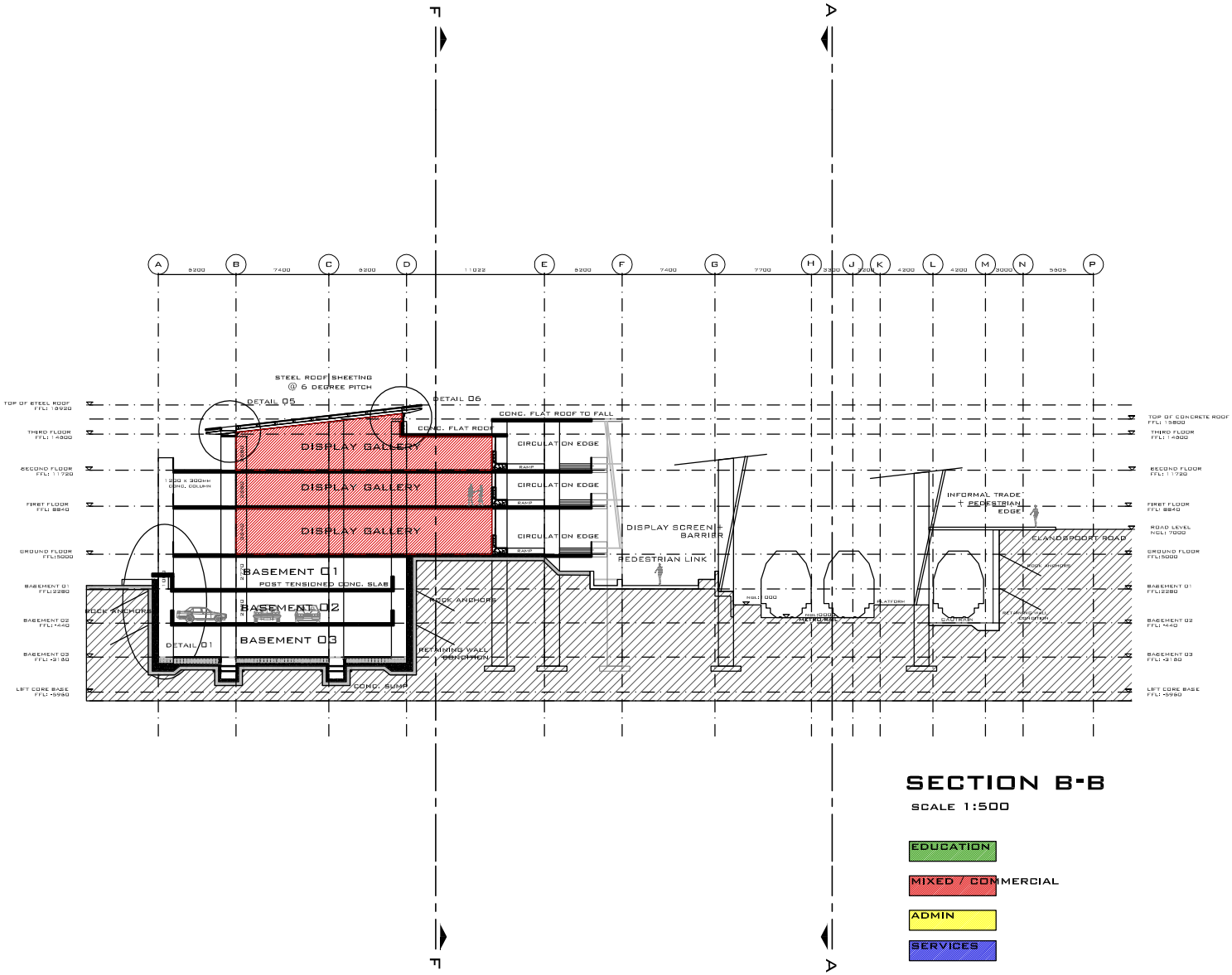

SECTION A-A
SCALE 1:750
EDUCATION
MIXED / COMMERCIAL
ADMIN
SERVICES
TOP OF LIFT CORE FFL: 22500
BOTTOM OF STEEL ROOF FFL: 18480
THIRD FLOOR FFL: 15000
SECOND FLOOR FFL: 12720
FIRST FLOOR FFL: 9840
GROUND FLOOR FFL:8000
BASEMENT 01 FFL:2280
BASEMENT 02 FFL: -440
BASEMENT 03 FFL: -3180
LIFT CORE BASE FFL: -5980
ELANDSPOORT ROAD
BEREA STREET
OUTDOOR THEATRE
COURTYARD
ADMIN
LIFT CORE
RECORDING STUDIO
LECTURE / WORKSHOP
BASEMENT 01
BASEMENT 02
BASEMENT 03
BASEMENT LIFT LOBBY
DEEP SOIL PLANTING
REINFORCED CONC. PAD FOUNDATION
REINFORCED CONC. RETAINING WALL + ANCHOR SYSTEM
REINFORCED CONC. LIFT CORE
LIFT CORE
METRO RAIL
GAUTRAIN
DISPLAY SCREEN + BARRIER
STEEL LOUVRE SCREEN DISPLAY
LARGE SCREEN DISPLAY
VIEWING DECK
CONC. FLAT ROOF TO FALL
STEEL IBR ROOF SHEETING ON PURLINS ON PITCHED TRUSSES TO 3 DEGREE PITCH



SECTION B-B

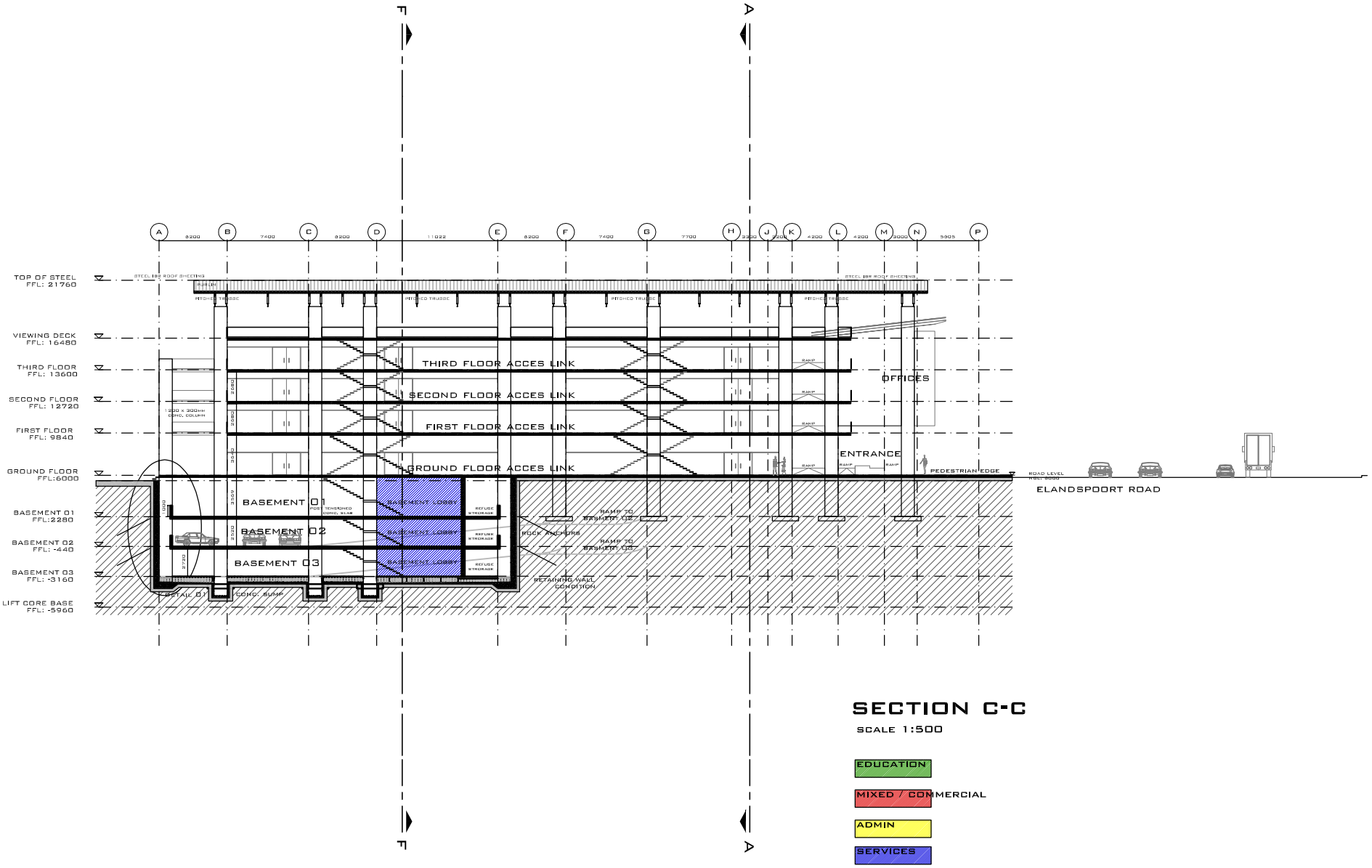
SCALE 1:500

EDUCATION

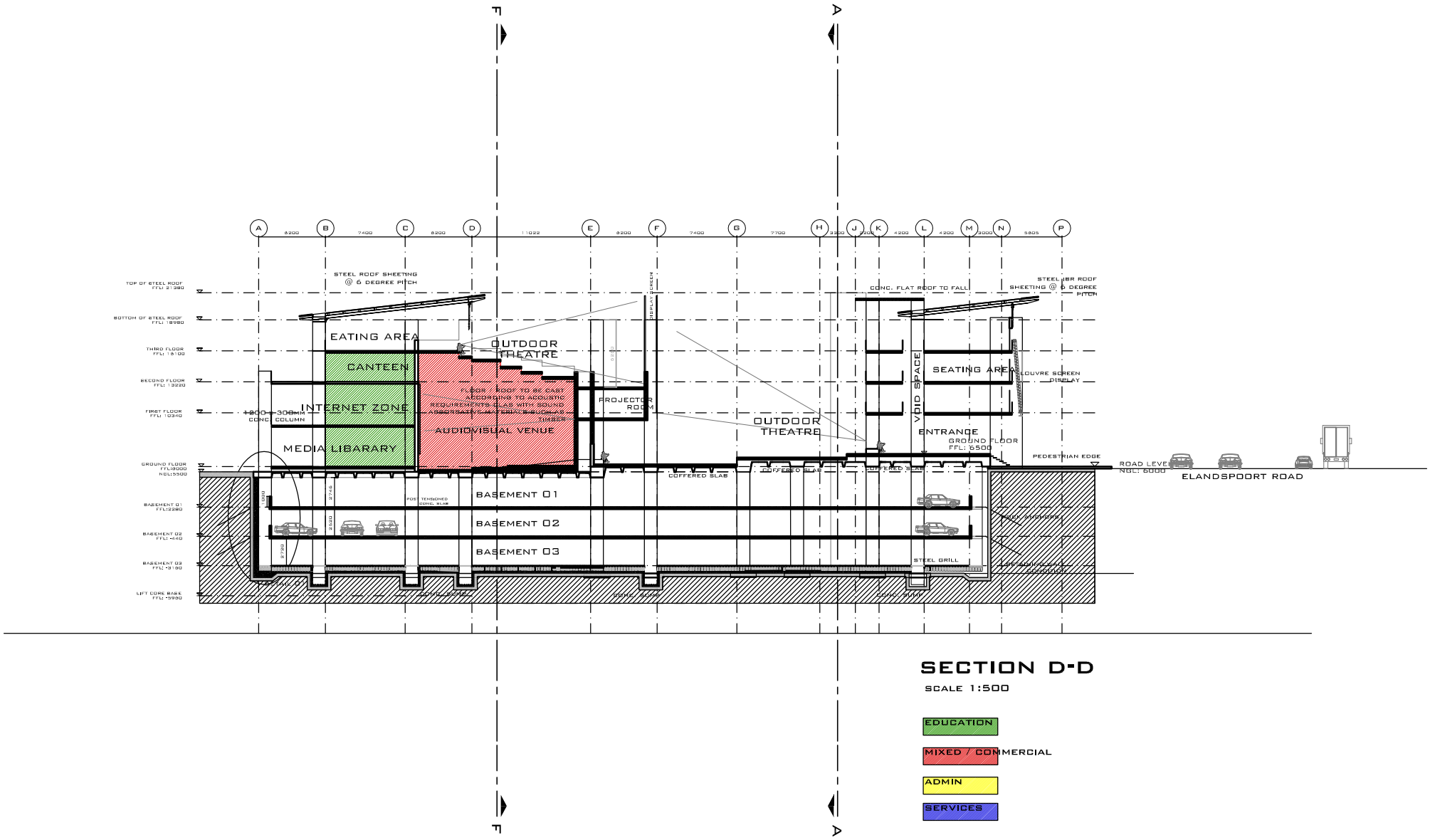
MIXED / COMMERCIAL

ADMIN

SERVICES


TOP OF STEEL
FFL: 21760
VIEWING DECK
FFL: 16480
THIRD FLOOR
FFL: 13600
SECOND FLOOR
FFL: 12720
FIRST FLOOR
FFL: 9840
GROUND FLOOR
FFL:6000
BASEMENT 01
FFL:2280
BASEMENT 02
FFL: -440
BASEMENT 03
FFL: -3160
LIFT CORE BASE
FFL: -5960
THIRD FLOOR ACCES LINK
SECOND FLOOR ACCES LINK
FIRST FLOOR ACCES LINK
GROUND FLOOR ACCES LINK
OFFICES
ENTRANCE
PEDESTRIAN EDGE
ELANDSPOORT ROAD
BASEMENT 01
BASEMENT 02
BASEMENT 03
ROCK ANCHORS
RETAINING WALL CONDITION
SECTION C-C
SCALE 1:500
EDUCATION
MIXED / COMMERCIAL
ADMIN
SERVICES

University of Pretoria etd– Bevan, B J (2006)



SECTION D-D

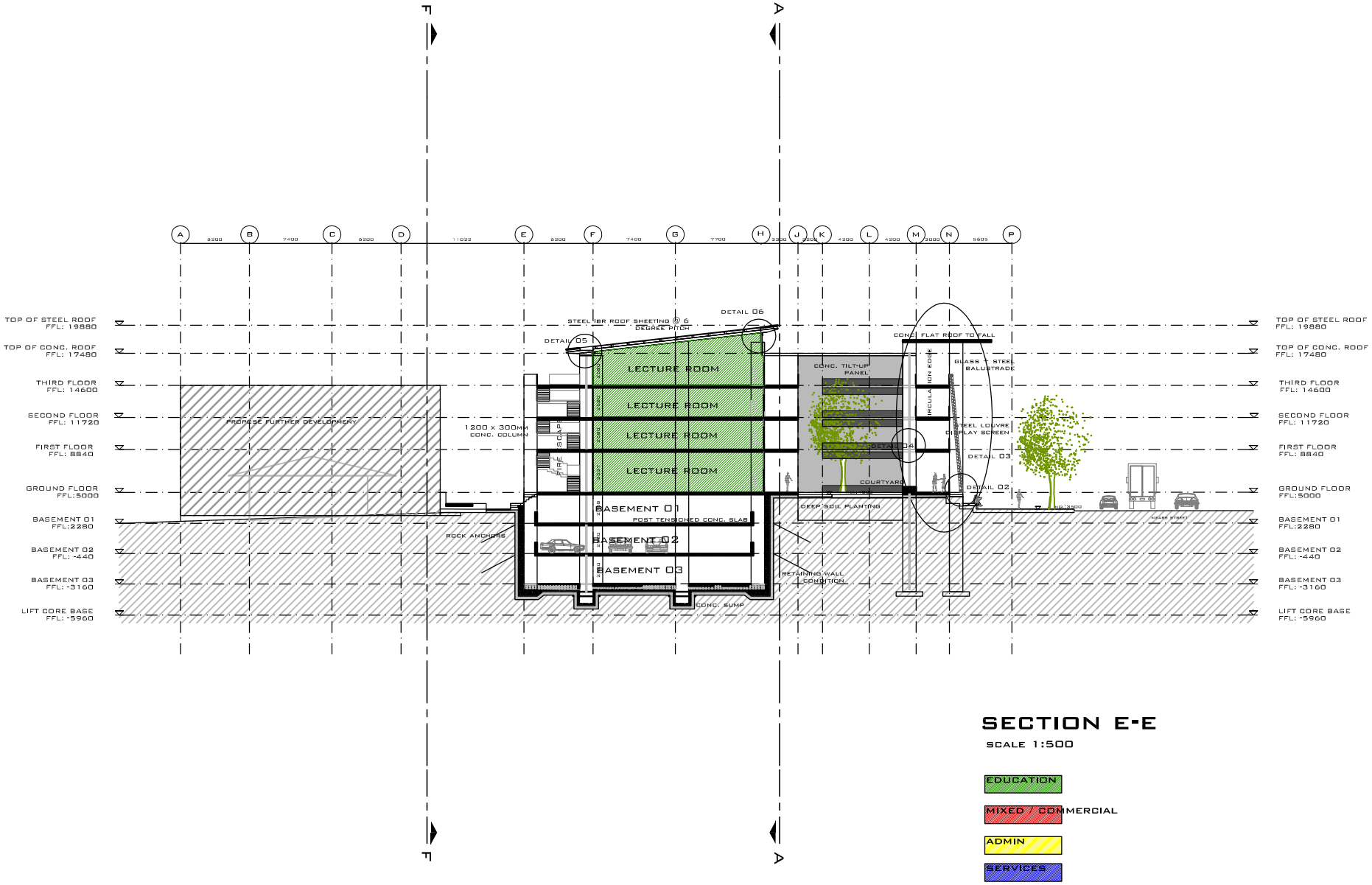
SCALE 1:500

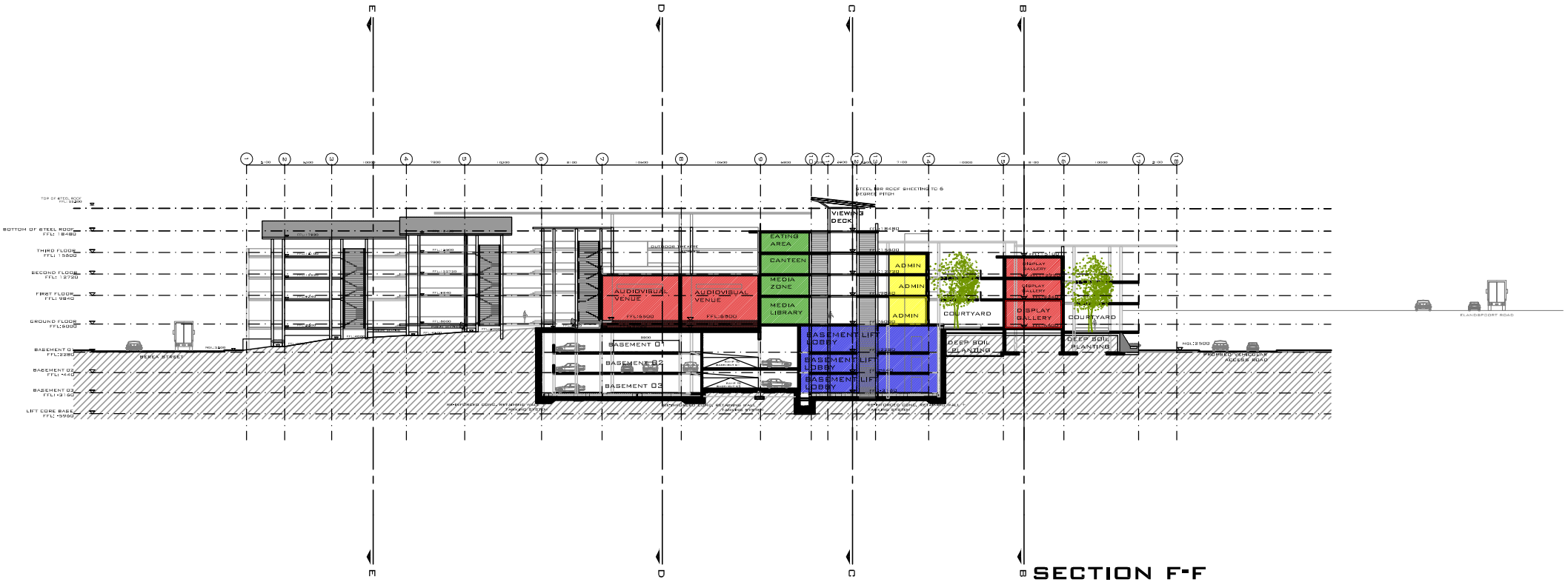
EDUCATION

MIXED / COMMERCIAL

ADMIN

SERVICES


TOP OF STEEL ROOF FFL: 19880
TOP OF CONC. ROOF FFL: 17480
THIRD FLOOR FFL: 14600
SECOND FLOOR FFL: 11720
FIRST FLOOR FFL: 8840
GROUND FLOOR FFL:5000
BASEMENT 01 FFL:2280
BASEMENT 02 FFL: -440
BASEMENT 03 FFL: -3160
LIFT CORE BASE FFL: -5960
STEEL IBR ROOF SHEETING @ 6 DEGREE PITCH
DETAIL 06
DETAIL 05
CONC. FLAT ROOF TO FALL
CONC. TILT-UP PANEL
GLASS + STEEL BALUSTRADE
INSULATION EDGE
STEEL LOUVRE DISPLAY SCREEN
DETAIL 04
DETAIL 03
DETAIL 02
LECTURE ROOM
LECTURE ROOM
LECTURE ROOM
LECTURE ROOM
PROPOSE FURTHER DEVELOPMENT
1200 x 300MM CONC. COLUMN
COURTYARD
DEEP SOIL PLANTING
BASEMENT 01
POST TENSIONED CONC. SLAB
BASEMENT 02
BASEMENT 03
ROCK ANCHORS
RETAINING WALL CONDITION
CONC. SUMP
LEYDS STREET
SECTION E-E
SCALE 1:500
EDUCATION
MIXED / COMMERCIAL
ADMIN
SERVICES



SECTION F-F

SCALE 1:500

EDUCATION

MIXED / COMMERCIAL

ADMIN

SERVICES