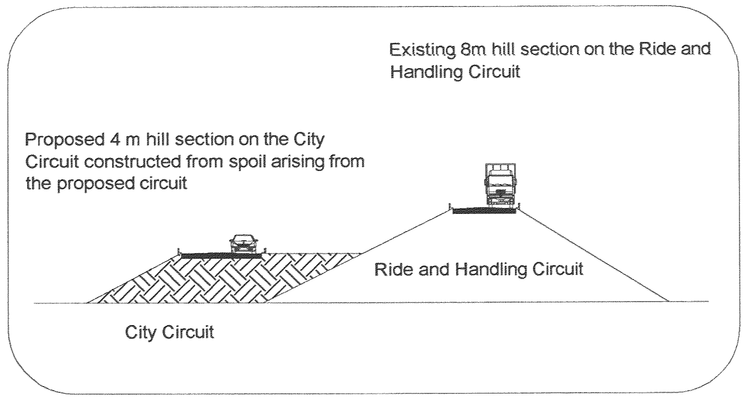
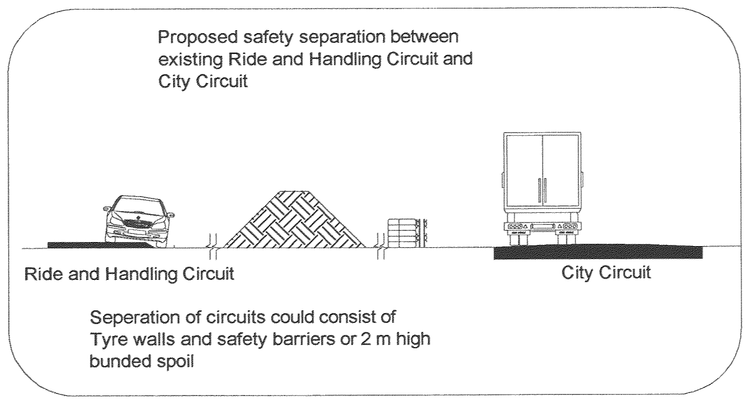
Drawing No: PG/054/002

Rev A

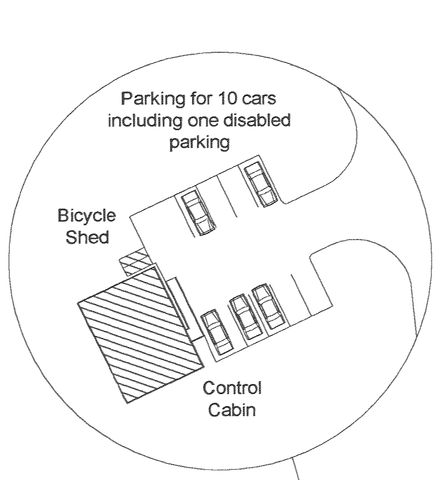
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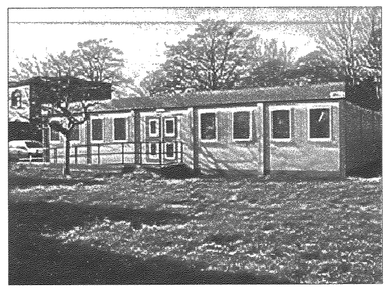


Typical Section Along Existing and Propsed Raised Pavements



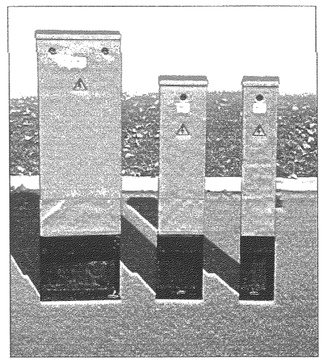
Seperation of Existing and Proposed Circuits



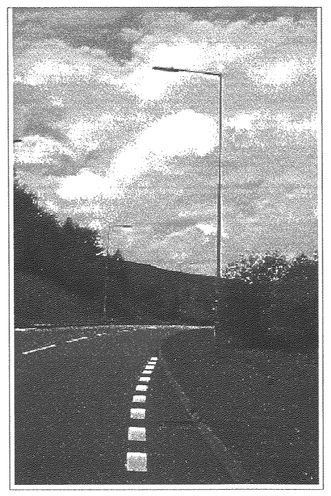


Control Cabin Location Incl Car Parking, Disabled Parking and Bicycle Shed

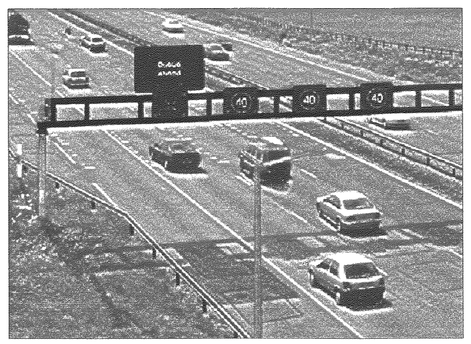
Existing Control Tower



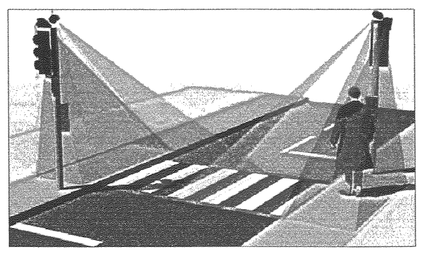
Power Distribution Point (PDP)



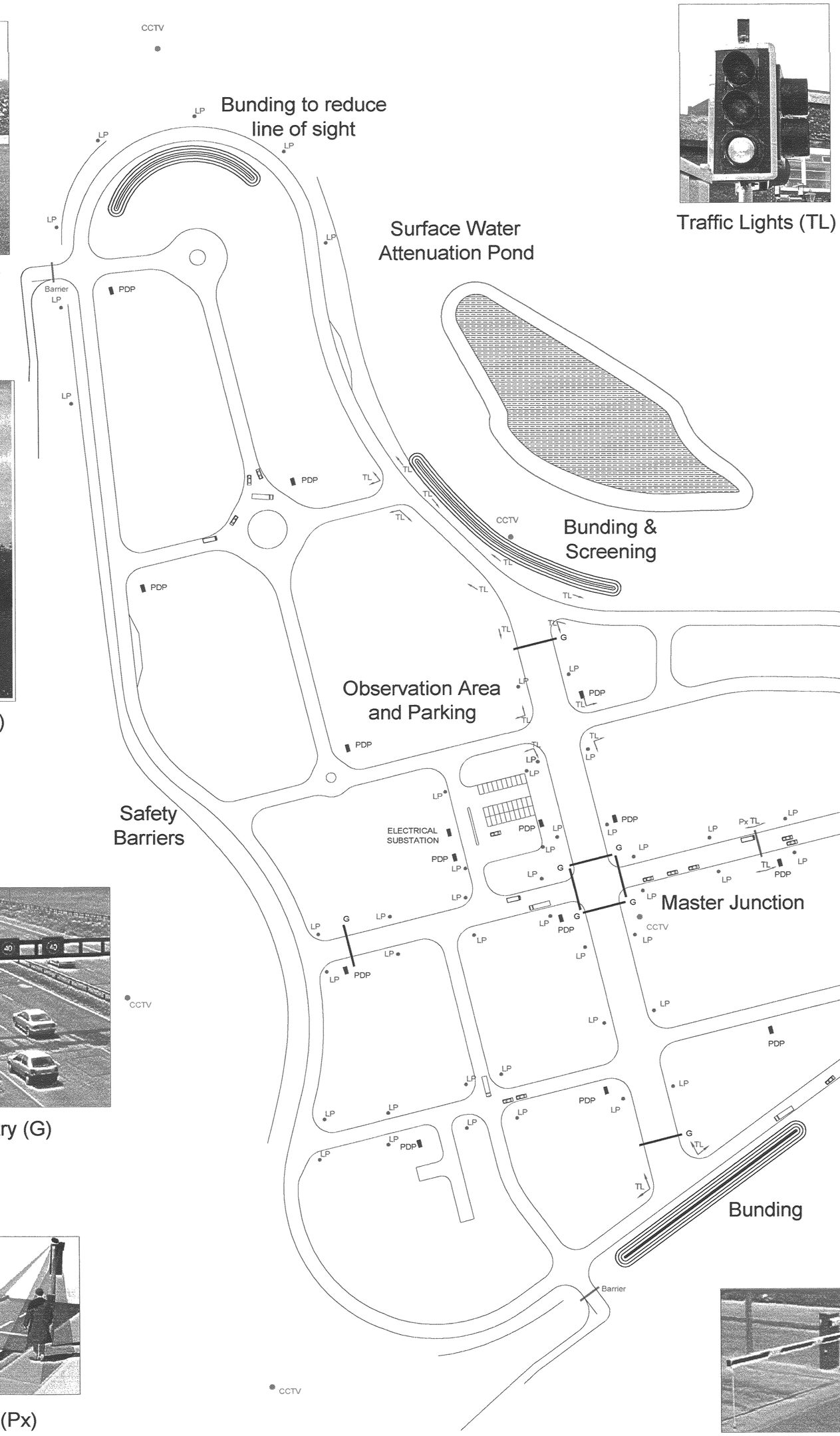
Street Lighting (LP)



Overhead Gantry (G)

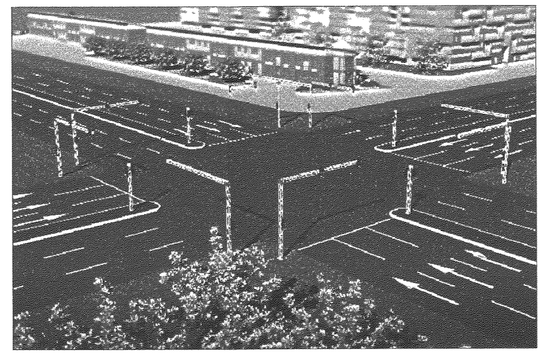


Puffin Crossing (Px)

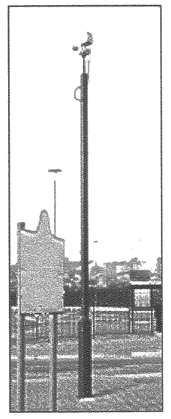


Traffic Lights (TL)

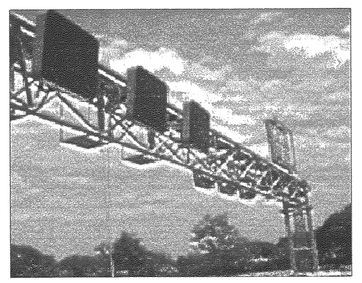
Legend	
DP (D)	Distribution Point
ES	Electrical Substation
G	Gantry
LP	Lamp Post (Fitted with various Lamps and Heights)
Px	Puffin Crossing
SP(E)	Supply Point (Electrical)
TL	Traffic Lights
CCTV	Close Circuit Television for Safety and Test Observation
Barrier	Access barriers for access control and safety



Master Junction



Safety and Test Observation (CCTV)



Vehicle Messaging Systems (VMS)

Vehicle Control Barriers (Barriers)

Existing Barrier

No	Notes	Date
1.	This drawing is to support a planning application and is not to be used for any other purpose.	Jul 08
2.	The type of street furniture shown is indicative and is only intended for illustration purposes.	
3.	The control cabin will be in the form of a temporary structure such as a multiple Portakabins providing a control room, server room and customer rooms. It will have parking for 10 persons including one disabled parking space and a bicycle shelter.	
4.	The proposed gantries on the circuit will have a minimum height of 5 m and will be used for the installation of: Traffic Lights, CCTV, Radar, other monitoring equipment. It is not intended for the gantries to be accessed directly for users to change/ relocate equipment. It is envisaged this will be done by the use of a portable platform. Some gantries will be in fixed positions whilst others may be portable or allow erection elsewhere temporarily.	
5.	The CCTV Cameras proposed are for the safety of drivers and the viewing and control of test cars using the Advance City Circuit only. The cameras will be installed on 8-10 m high masts. The cameras will have the ability to monitor vehicles on the circuit in both daylight and low light conditions and may use either Low Light Technology or Infra Red. A combination of both types could be used for specific applications. Some of the cameras will be Pan/ Tilt/ Zoom (PTZ) and some will be fixed.	
6.	Lighting Columns are indicative but have been placed approximately 40 m apart and are proposed to be 6-8 m in height. Light fittings will vary.	
7.	Entry and exit barriers will be automated and interlinked between existing barriers to ensure maximum safety between the proposed Advance City Circuit and the existing Ride and Handling Circuit.	
8.	It is not intended to remove excess spoil from the site that arises from construction. The proposed hill section will be created from spoil and any excess will be used to landscape the surrounding area with bunding no more than 2 m in height.	

DEVELOPMENT SERVICES
08 AUG 2008
RECEIVED

Rev	By	Date	Revision	C
A	IO	Aug 08	Attenuation pond & note amended. Control Centre layout modified. Control Centre x-ref Layout modified. Supply Point Electrical (SPE) changed to Power Distribution Point (PDP)	

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TEST FACILITY ENGINEERING

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Project:
innovITS Advance
Project 1 - City Circuit

Drawing Title:
STREET FURNITURE, GANTRIES AND BUNDING LAYOUT

Information / Provisional	Tender / Quotation
Date: August 2008	Date:
Construction / Manufacture	As Built
Date:	Date:

Drawn By:	Checked By:	Approved By:
IO	IL	AM
Date: August 2008	Date: August 2008	Date: August 2

Project No:	Scale:
170703	1:1500

Drawing No:
PG/054/002