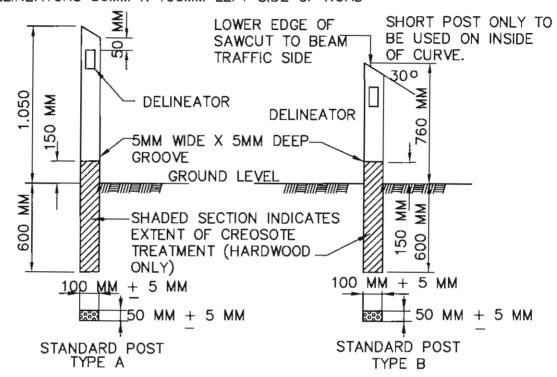


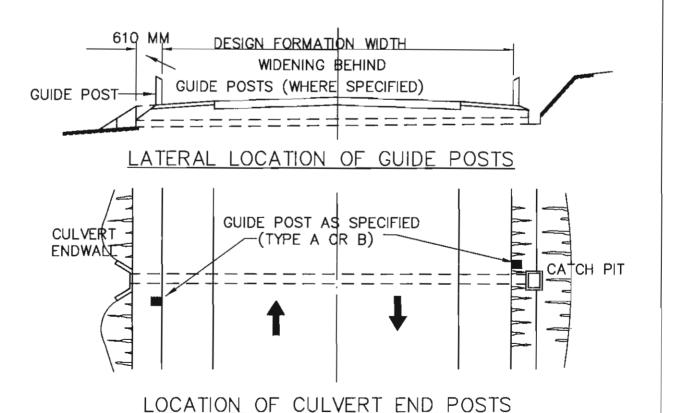
ATTACHMENT OF DELINEATORS

(WHERE SPECIFIED)

WHITE DELINEATORS 25MM X 100MM RIGHT SIDE OF ROAD RED DELINEATORS 50MM X 100MM LEFT SIDE OF ROAD



STANDARD GUIDE POSTS (100 MM X 50 MM)



CHECKED

Jan Stocy

APPROVED

GUIDE POSTS

BATE

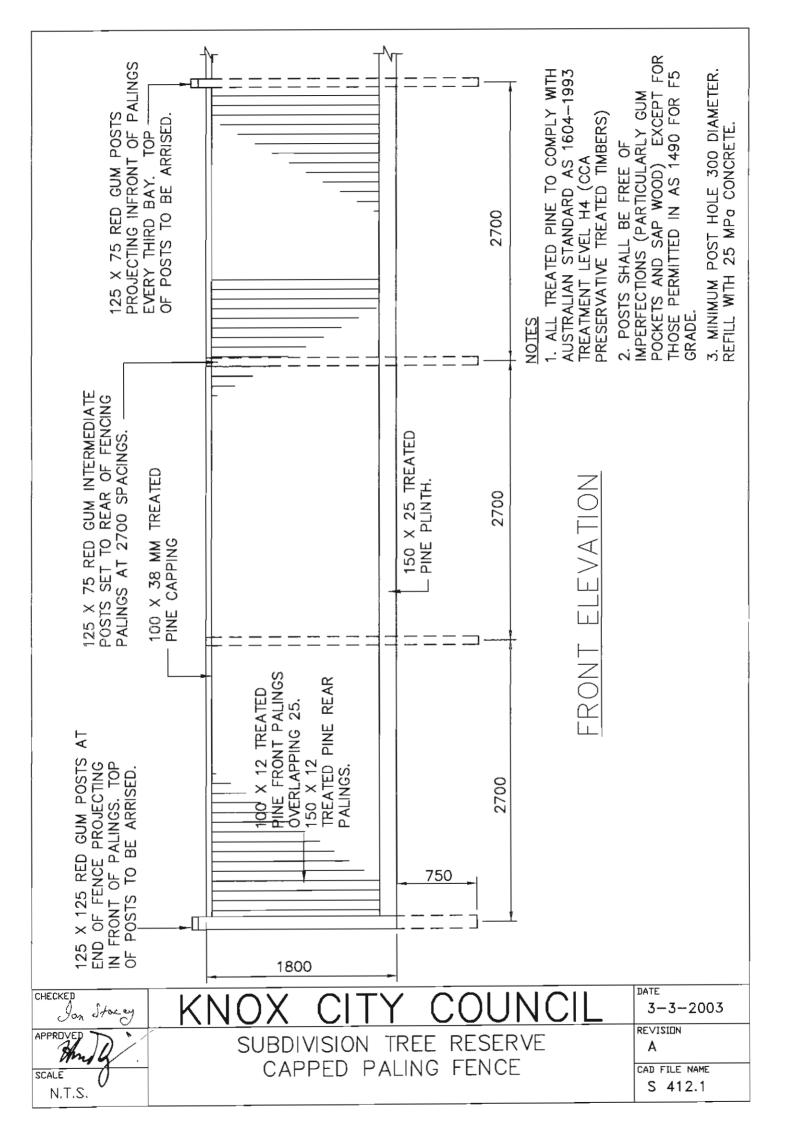
1-8-2001

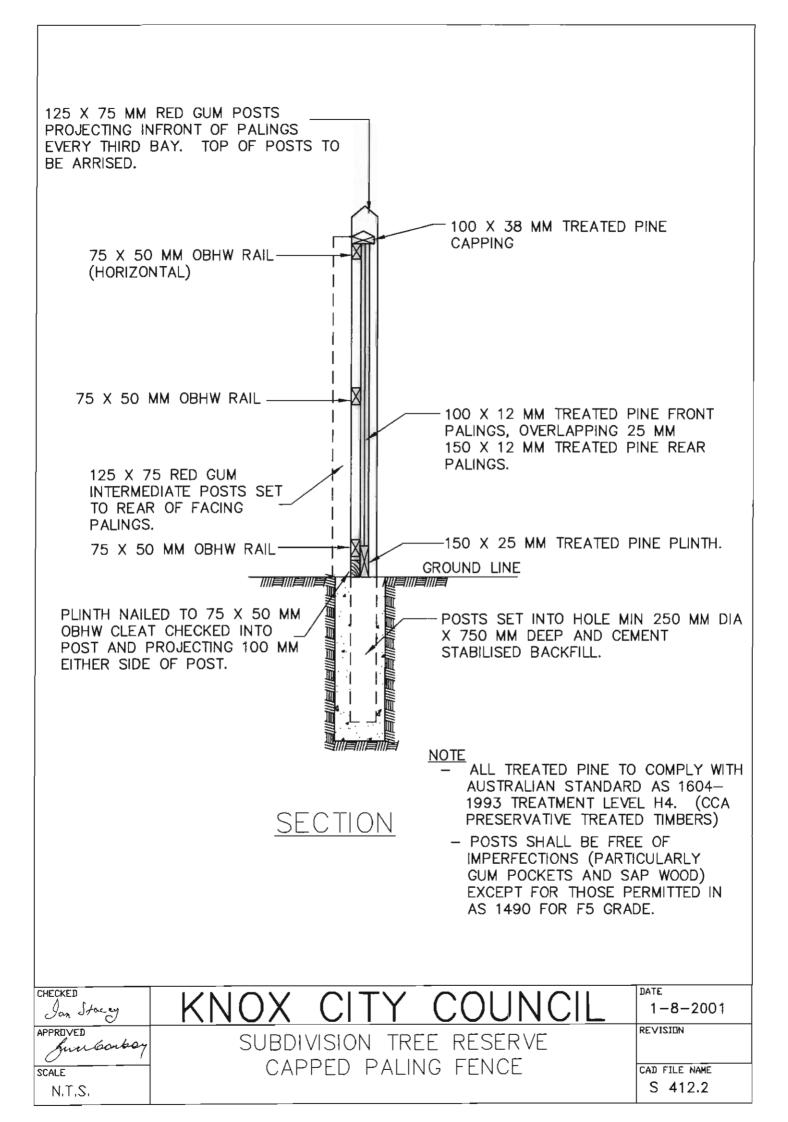
REVISION

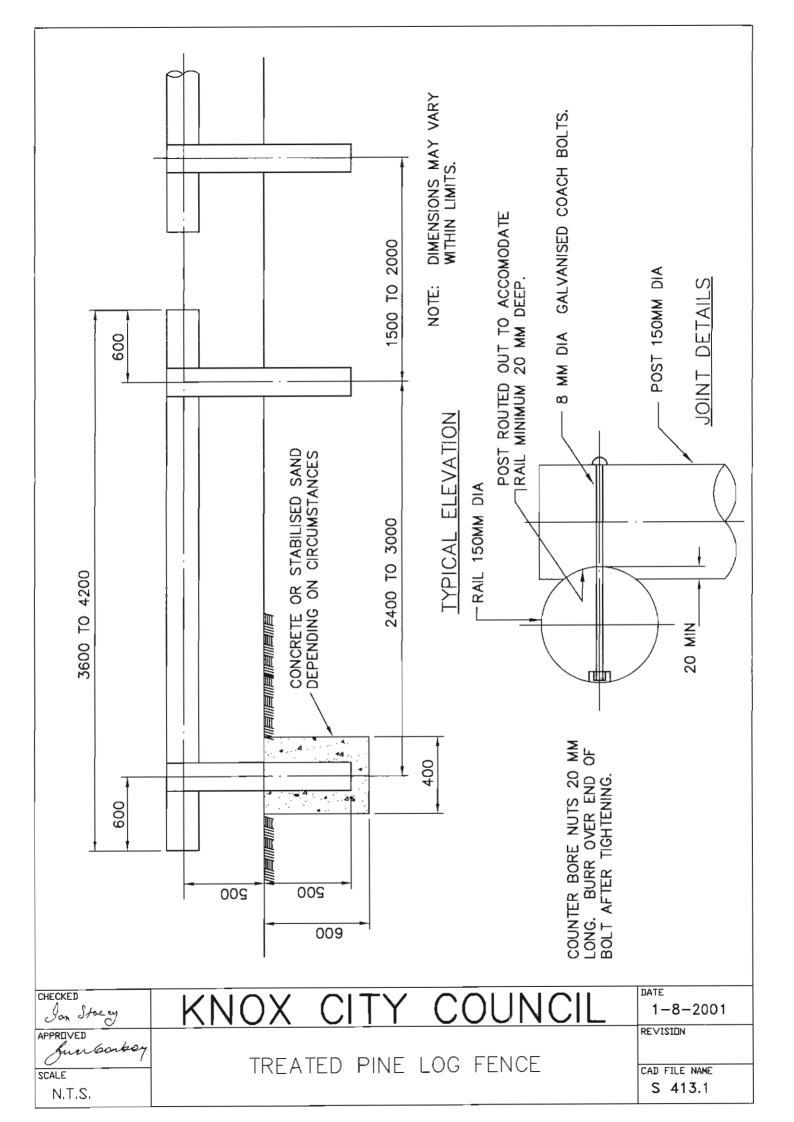
CAD FILE NAME

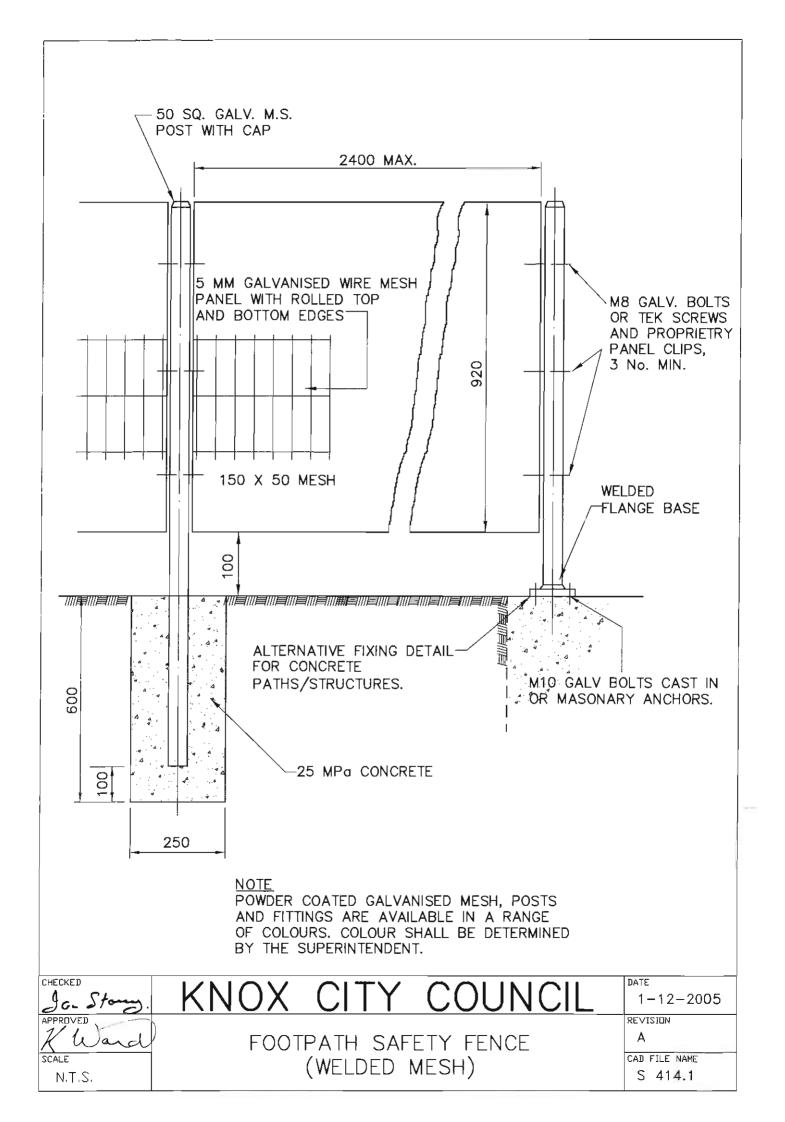
N.T.S.

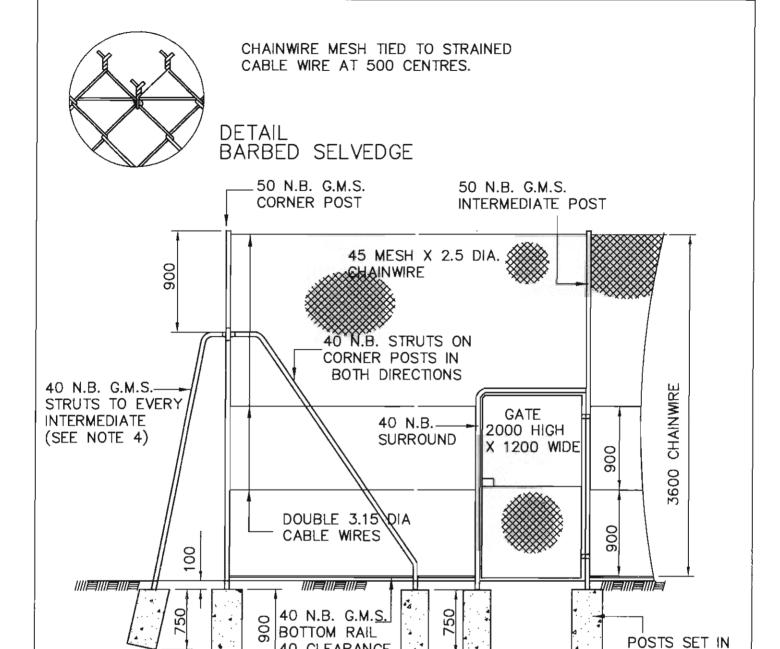
CAD FILE NAME
S 411.1











NOTES:

1. GATE LOCATION TO BE DETERMINED BY THE CITY ENGINEERS REPRESENTATIVE.

POSTS AT 4500 MAX. C-C

CONCRETE 900

DEEP BY 300

DIA.

2. MESH SHALL BE GALVANISED OR PLASTIC COATED AS REQUIRED BY THE CITY ENGINEERS REPRESENTATIVE.

40 CLEARANCE

2500

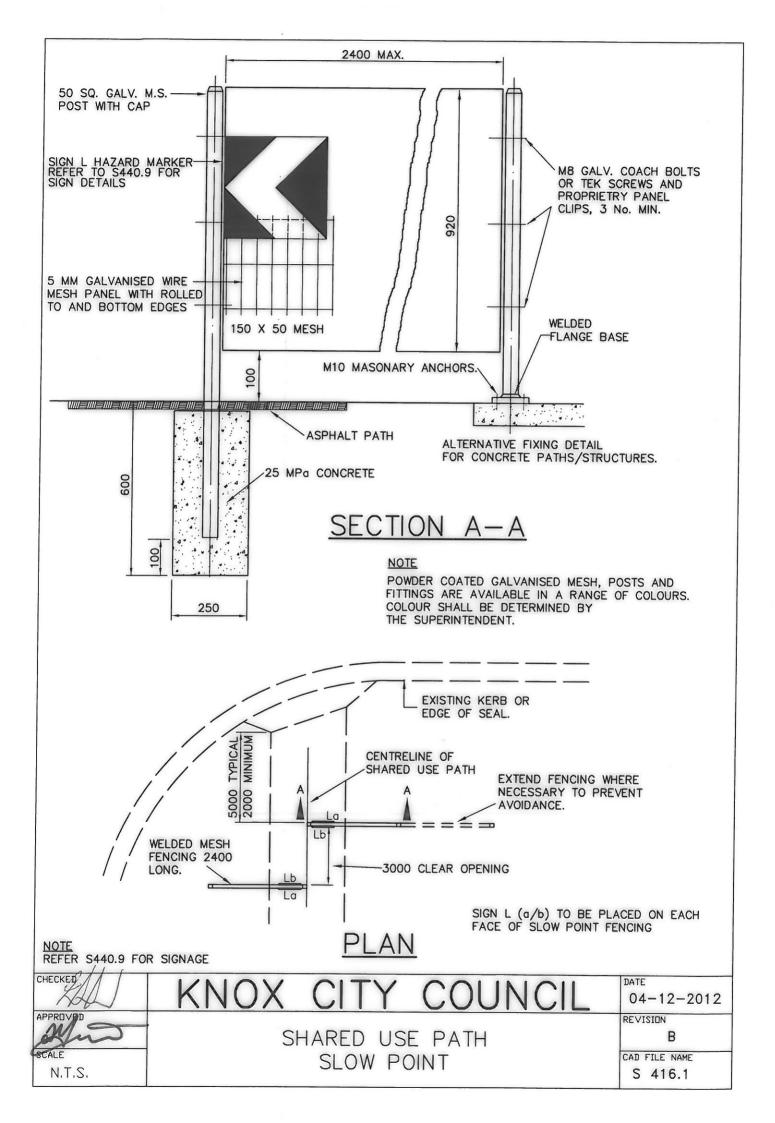
ITO COURT SURFACE

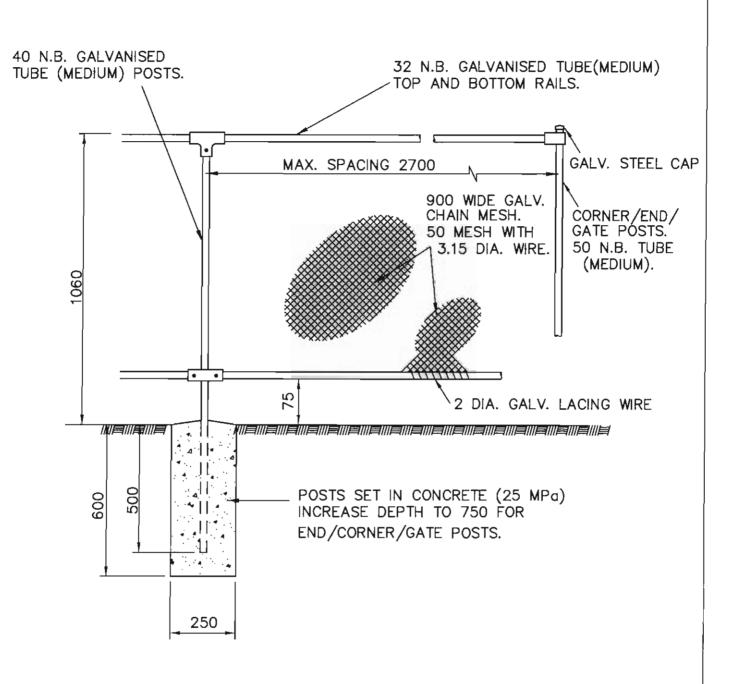
3. ALL POSTS SHALL BE CAPPED.

800

- 4. WHERE WIND/SHADE PROTECTORS ARE TO BE ATTACHED TO CHAINWIRE, EXTERNAL STRUTS ARE REQUIRED.
- 5. CONCRETE SHALL CONTAIN 320 KG OF CEMENT, PER CUBIC METRE.

Jan Stacey	KNOX CITY COUNCIL	1~8~2001
Sun Contray	TENNIS COURT FENCE	REVISION
SCALE		CAD FILE NAME
N.T.S.		S 415.1





NOTE:

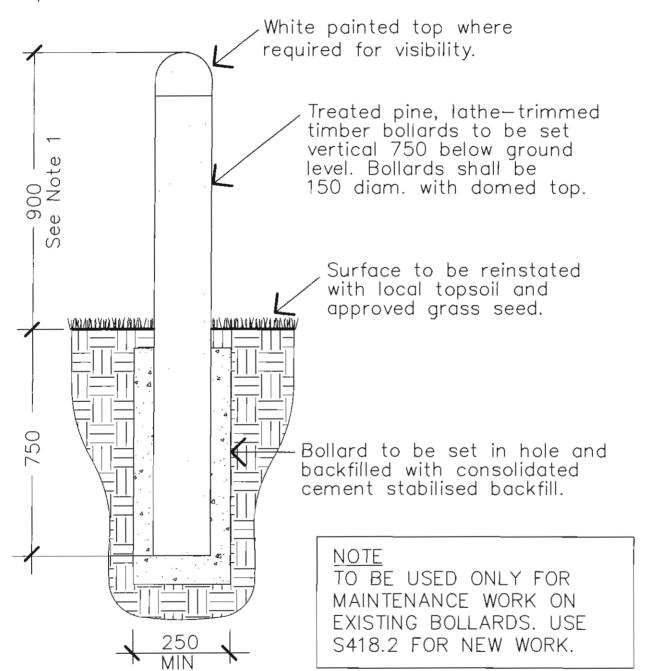
1. NOT TO BE USED ADJACENT TO ANY CARRIAGEWAY. WHERE FENCING IS REQUIRED ADJACENT TO A CARRIAGEWAY, USE MESH FENCING PER S414.1.

Jan Stocey	KNOX CITY COUNCIL	1-8-2001
SCALE N.T.S.	CHAINMESH FENCE FOR OVALS	CAD FILE NAME S 417.1

NOTES

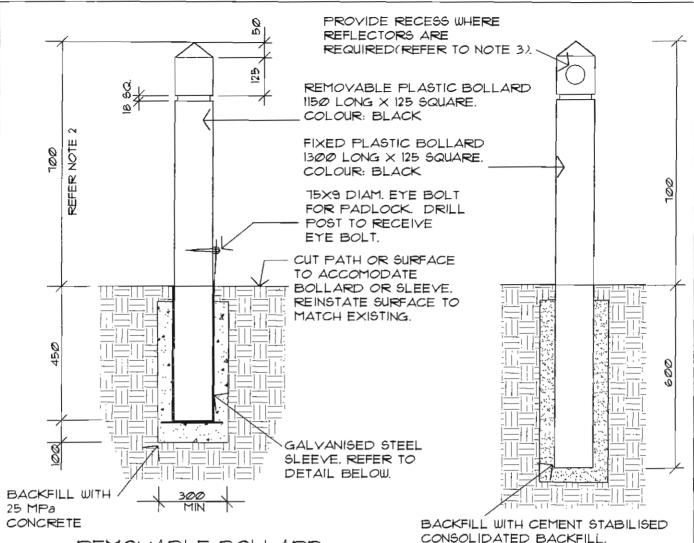
CHECKED

- 1. Bollard height of 900 shall be used adjacent to vehicle parking areas. Height may be reduced to 750 with the approval of the superintendent where visual or architectural considerations prevail.
- 2. Bollards shall be set at a maximum of 1.5 metre centres where prevention of vehicular access is required. Spacing may be increased with the approval of the superintendent in other situations.



WHERE BOLLARDS ARE SPECIFIED ADJACENT TO ROADS, ADVICE SHALL BE OBTAINED FROM COUNCIL'S TRAFFIC ENGINEERING DEPARTMENT REGARDING APPROPRIATE CLEAR ZONES.

In Story	KNOX CITY COUNCIL	21 - 06 - 04
APPROVED		REVISION
K Ward	TREATED PINE BOLLARD	Α
SCALE	FOR VEHICLE CONTROL	CAD FILE NAME
N.T.S.	TOR VEHICLE CONTROL	S 418.1



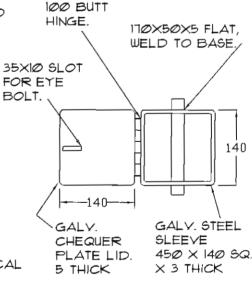
REMOVABLE BOLLARD

NOTES

1. THE 'KNOX BOLLARD' IS SUPPLIED BY REPEAT PRODUCTS (8190 8888) OR SIMILAR APPROVED SUPPLIER. OTHER COLORS AND SPECIFICATIONS (eg WHITE MAY BE REQUIRED BY THE SUPERINTENDENT FOR TRAFFIC LOCATIONS) ARE ONLY AVAILABLE BY SPECIAL ORDER.

- 2. BOLLARD HEIGHT OF 900 SHALL BE USED ADJACENT TO VEHICLE PARKING AREAS. HEIGHT MAY BE REDUCED TO 700 WITH THE APPROVAL OF THE SUPERINTENDENT WHERE VISUAL OR ARCHITECTURAL CONSIDERATIONS PREVAIL.
- 3. BOLLARDS SHALL BE SET AT A MAXIMUM OF 1.5 METRE CENTRES WHERE PREVENTION OF VEHICULAR ACCESS IS REQUIRED. SPACING MAY BE INCREASED WITH THE APPROVAL OF THE SUPERINTENDENT. REFLECTORS ARE REQUIRED ON ALL BOLLARDS ADJACENT TO ROADS AND SHARED USE PATHS AND TOP 300 OF BOLLARD TO BE PAINTED WITH WHITE REFLECTIVE PAINT. BOLLARDS SHALL BE SET A MINIMUM OF 300 OFFSET FROM FACE TO EDGE OF ANY PATH.
- 4. GRASS REINSTATEMENT SHALL BE COMPLETED USING LOCAL TOPSOIL AND SEED APPROVED BY THE SUPERINTENDENT.
- 5. WHERE BOLLARDS ARE SPECIFIED ADJACENT TO ROADS, ADVICE SHALL BE OBTAINED FROM COUNCIL'S TRAFFIC ENGINEERING DEPARTMENT REGARDING APPROPRIATE CLEAR ZONES.

FIXED BOLLARD



SLEEVE DETAIL PLAN

CHECKED

Gaston KNOX CITY COUNCIL

APPROVED

RECYCLED PLASTIC BOLLARD

SCALE

N.T.S.

CAD FILE NAME
S 418.2