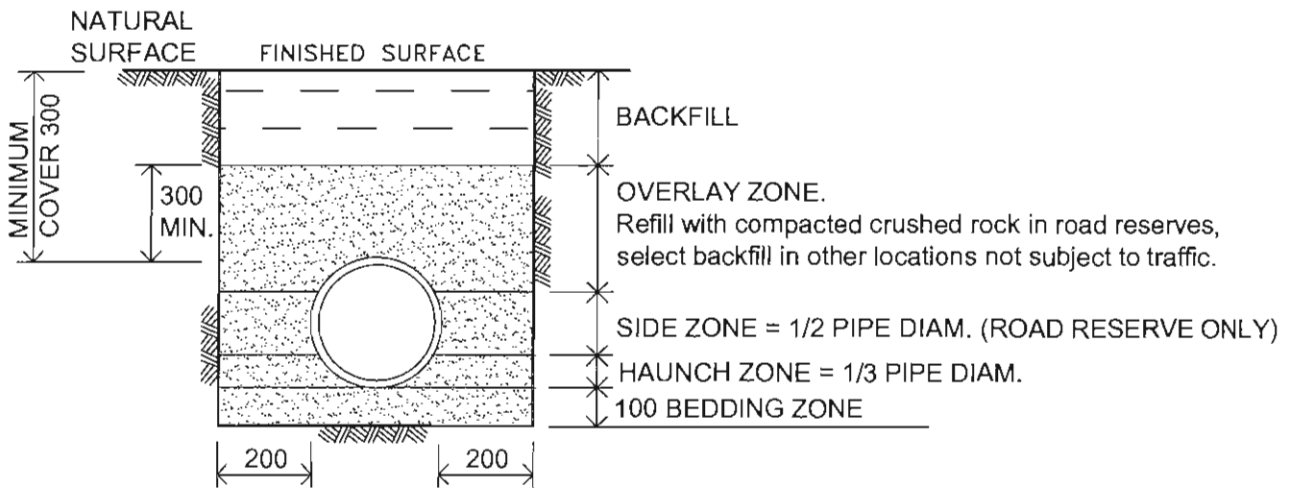


**FLEXIBLE PIPE**

Pipe Dia (mm)	Minimum Dimensions (mm)		
	x	s	o
100	75	100	100
150 - 225	100	150	150
300 - 375	100	200	150
450 - 825	150	300	150
900 - 1200	150	350	200

**NOTE:**

- Flexible pipe shall be spigot and socket jointed using the manufacturer's approved rubber ring joints or jointing compound (HDPE pipe).
- UPVC pipes shall be Class SH (sewer quality), 100 minimum diameter.
- Where multiple pipes are laid side by side, the minimum distance between the pipes shall be dimension "s" for the larger of adjacent pipes.
- Embedment zone material shall be a well graded crushed rock of 20 mm or less nominal size, compacted in layers not exceeding 150 loose thickness and to 95% Standard Compaction.**



**RIGID PIPE**

**NOTE:**

- Rigid pipes shall be spigot and socket jointed using the manufacturer's approved rubber ring joints.
- Bedding, haunching and overlay zone material shall be a well graded crushed rock of 20 mm or less nominal size, compacted in layers not exceeding 150 loose thickness and to 95% Standard Compaction.**

**GENERAL NOTES:**

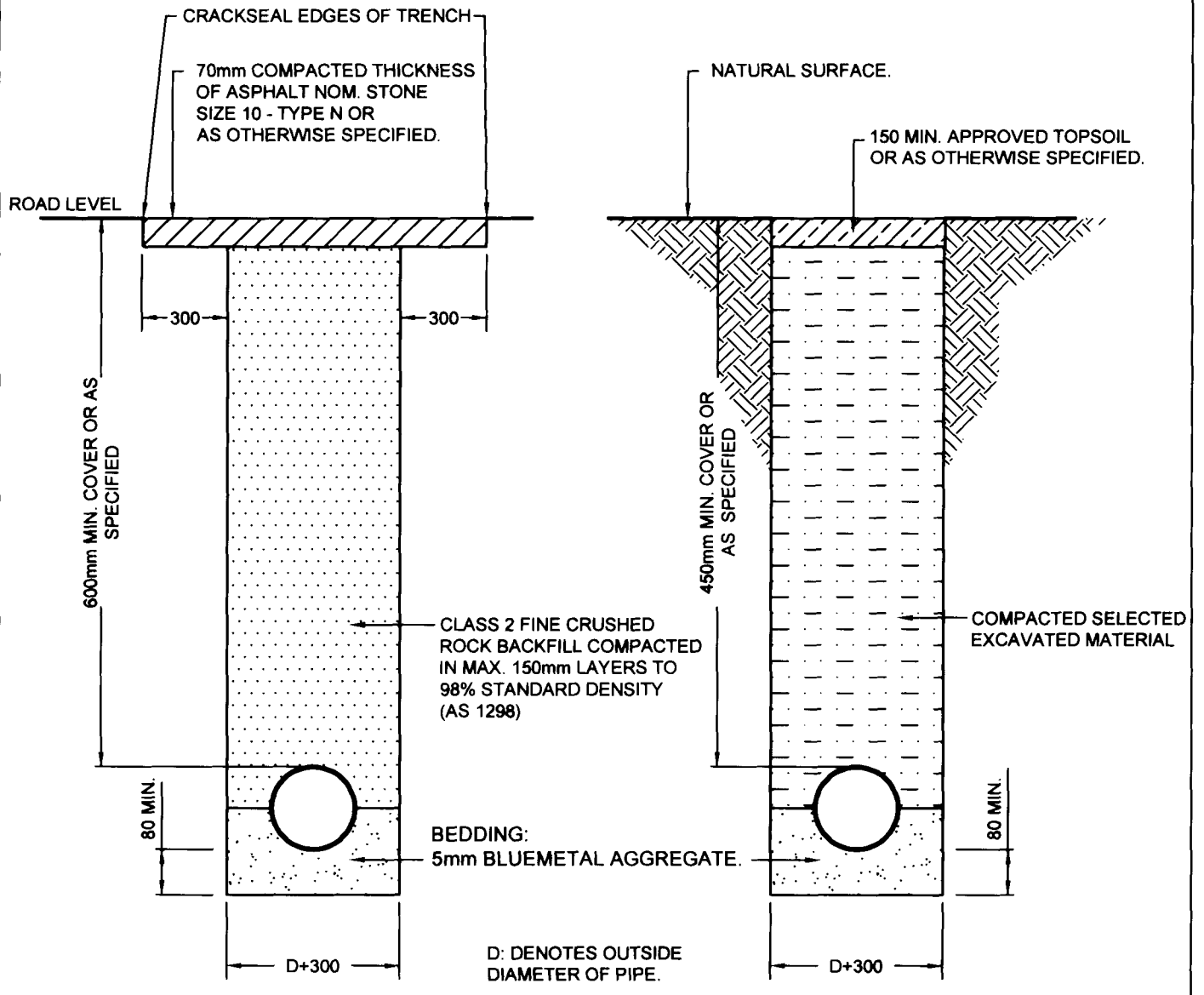
- ALL BEDDING, PIPELAYING AND BACKFILLING MUST BE APPROVED BY THE SUPERINTENDENT.
- THE USE OF CURVED PIPELINES MAY BE ALLOWED IN PARTICULAR CIRCUMSTANCES. CURVES SHALL CONFORM WITH THE MANUFACTURER'S RECOMMENDATIONS AND ARE SUBJECT TO COUNCIL APPROVAL.
- OTHER JOINTING METHODS MAY BE ALLOWED SUBJECT TO COUNCIL APPROVAL.

CHECKED  
*J. Harty*  
APPROVED  
*K. Ward*  
SCALE  
N.T.S.

**KNOX CITY COUNCIL**

**PIPE BEDDING AND BACKFILLING**



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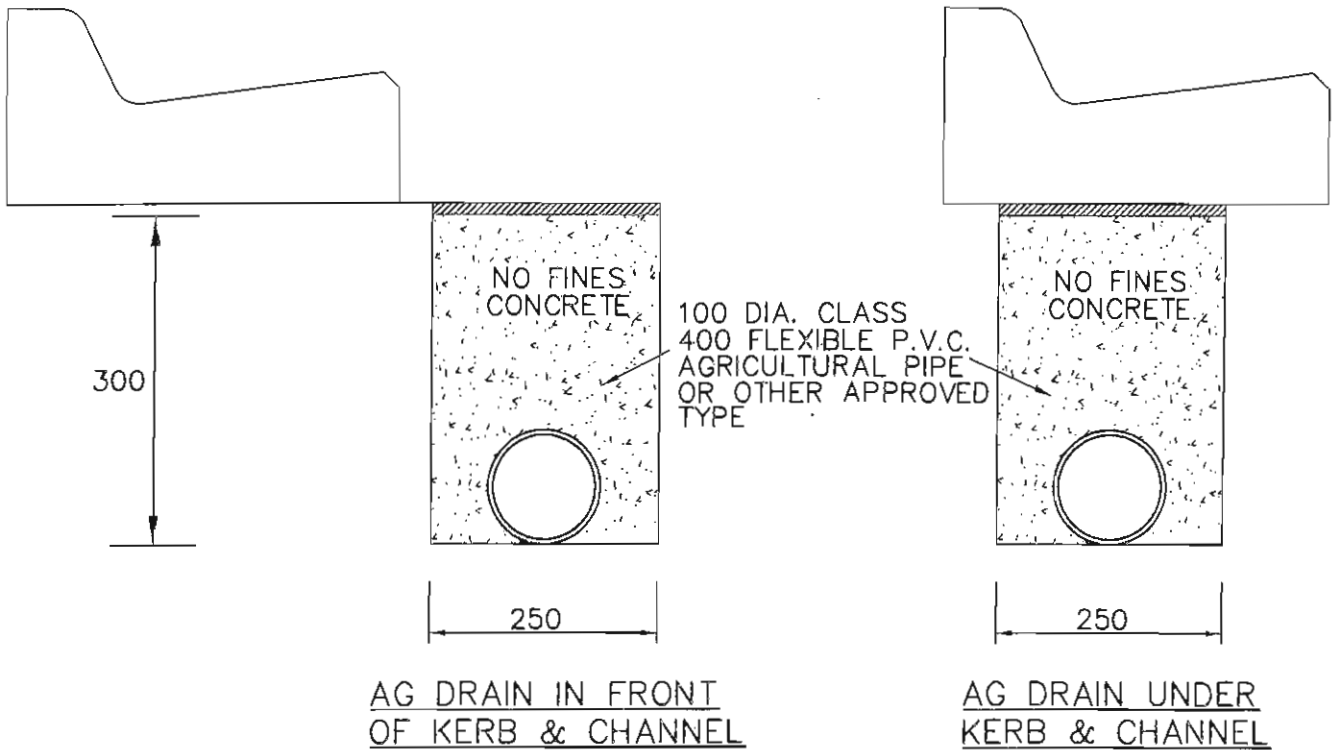
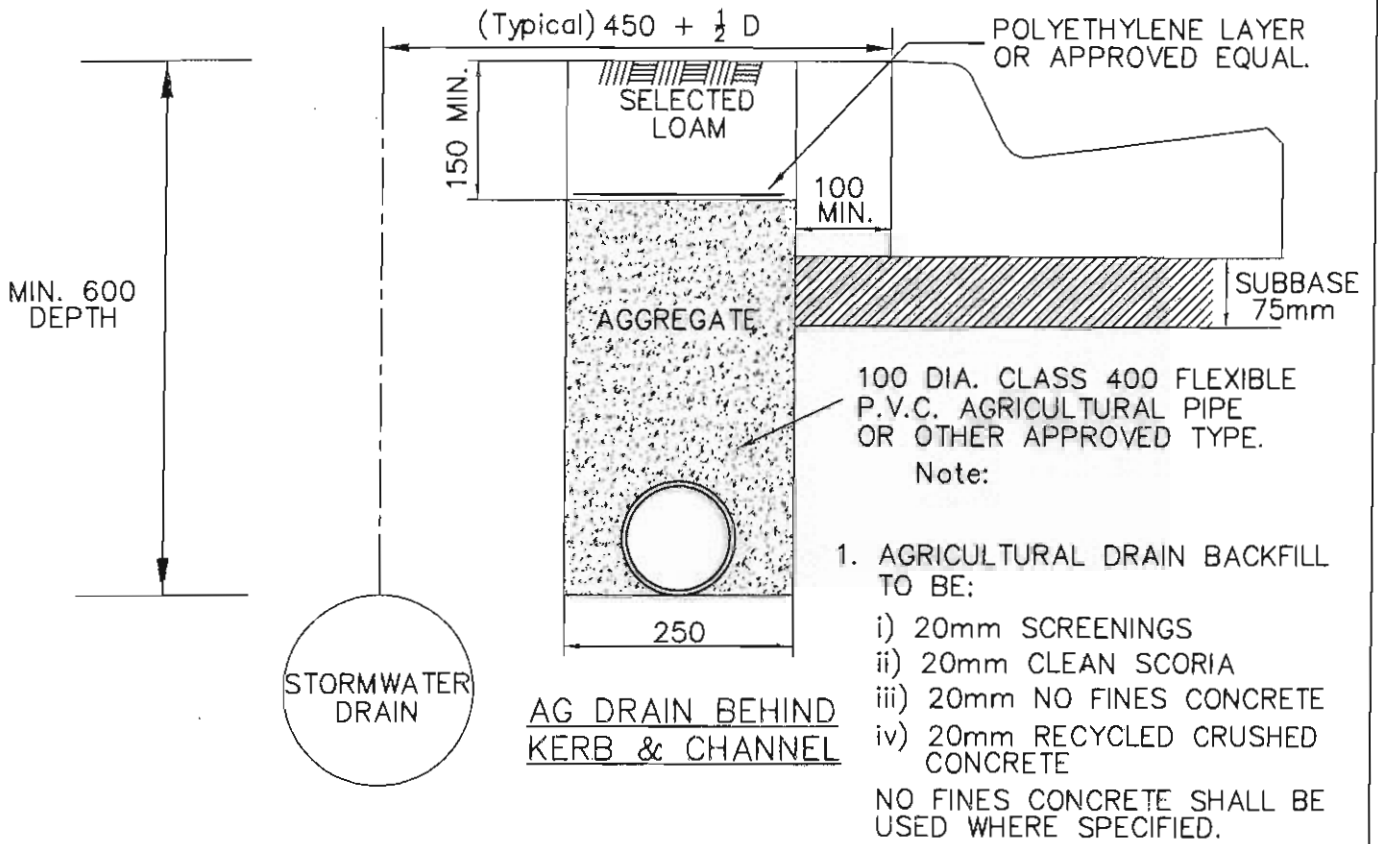


**BACKFILL OVER PIPES UNDER ALL PAVEMENTS AND ADJACENT TO KERB AND CHANNEL**

**ALL OTHER CONDITIONS**

1. CLASS 2 FCR TO BE COMPACTED IN MAX. 150mm LAYERS TO A 98% AUSTRALIAN STANDARDS COMPACTION
2. TRENCHES DEEPER THAN 1.5m ARE TO BE SHORED IN ACCORDANCE WITH THE MINES (TRENCHES) REGULATIONS 1982 AND THE OCCUPATIONAL HEALTH & SAFETY ACT CODE OF PRACTICE FOR SAFETY PRECAUTIONS IN TRENCHING OPERATIONS 1988.

CHECKED 	<h1 style="margin: 0;">KNOX CITY COUNCIL</h1>	DATE <b>06-11-2019</b>
APPROVED 	<h2 style="margin: 0;">REINSTATEMENT REQUIREMENTS FOR UTILITIES</h2>	REVISION
SCALE <b>N.T.S.</b>		CAD FILE NAME <b>S 160.2</b>



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APPROVED *[Signature]*

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N.T.S.

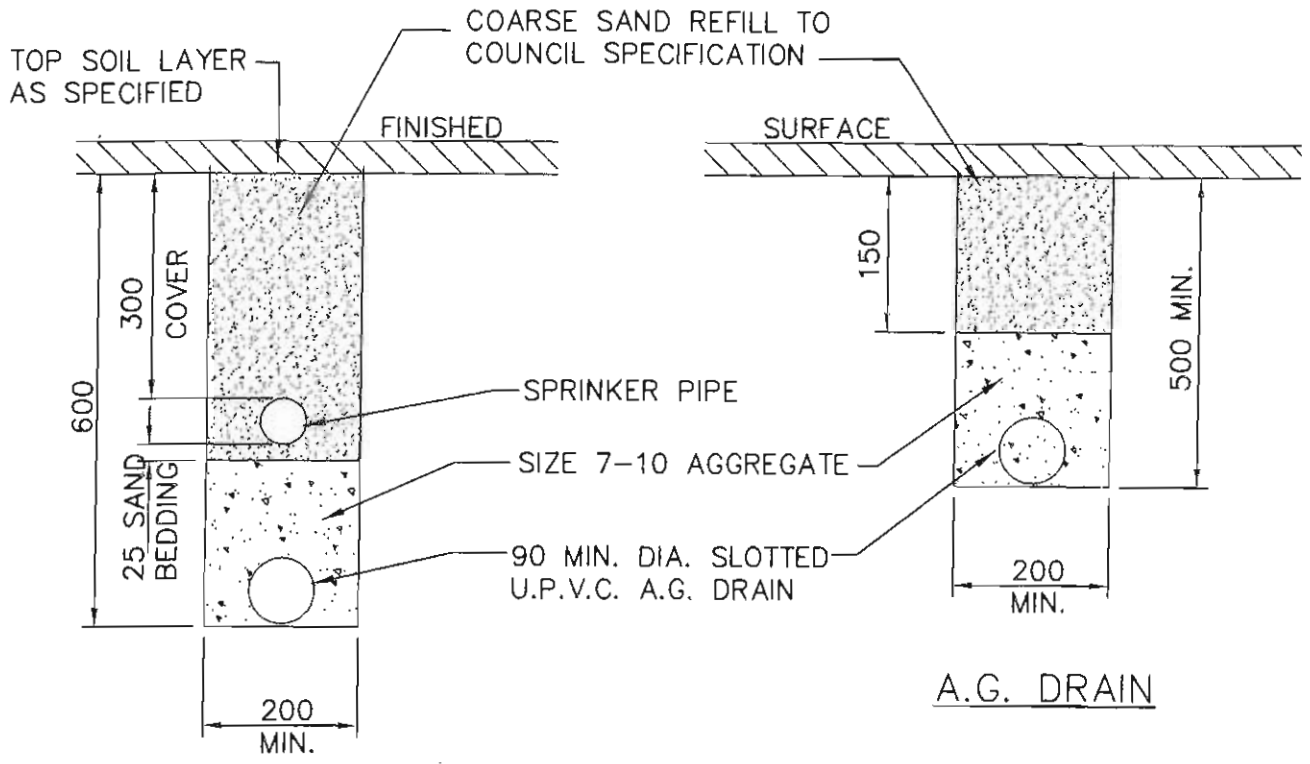
# KNOX CITY COUNCIL

## AGRICULTURAL DRAIN

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8-02-2012

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C

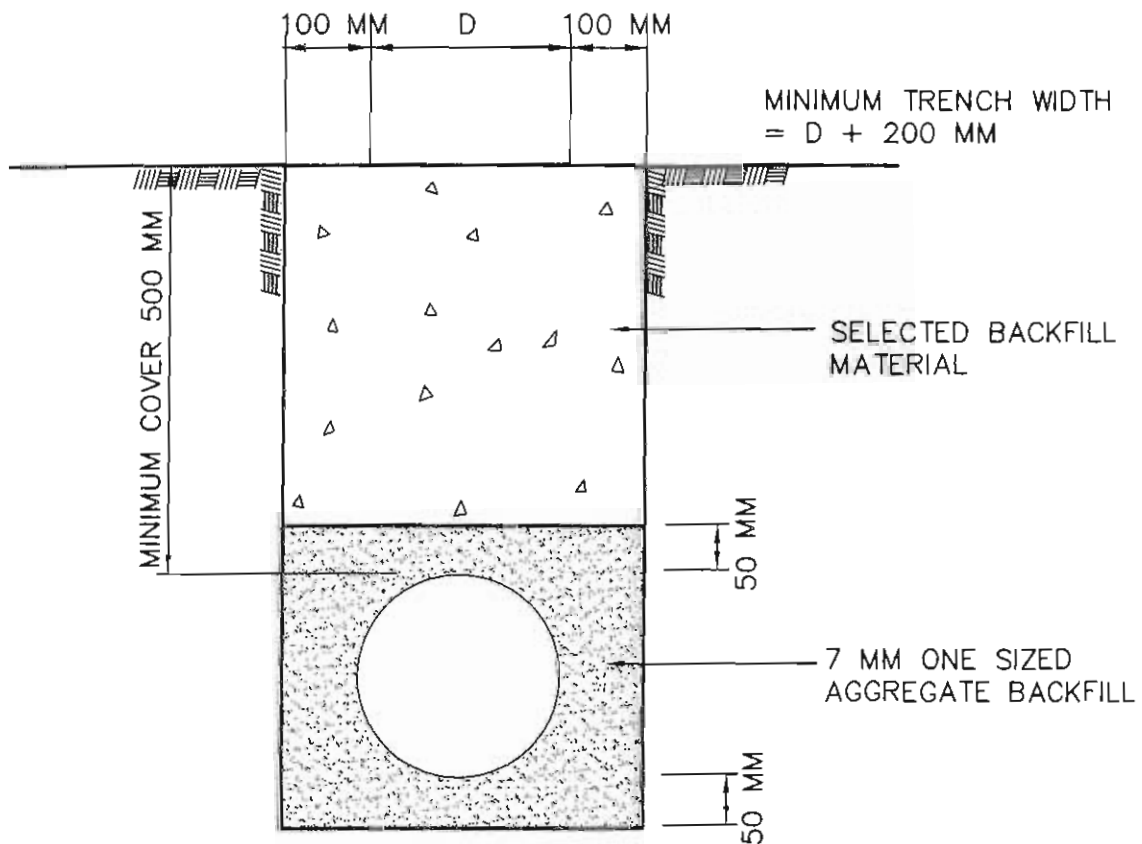
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COMBINED A.G. DRAIN  
AND  
SPRINKLER PIPE

- NOTES:
1. TO BE READ IN CONJUNCTION WITH SPECIFICATION.
  2. A 5 KG. SAMPLE OF COARSE SAND MUST BE SUBMITTED FOR COUNCIL PARKS SERVICES APPROVAL PRIOR TO PLACING ORDERS FOR SAND.
  3. PROVIDE CAPPED INSPECTION OPENINGS (I.Os) AT ALL JUNCTIONS AND CHANGES OF DIRECTION OF A.G. DRAINS.
  4. USE RECYCLED CRUSHED CONCRETE AS BEDDING OPTION.

CHECKED <i>[Signature]</i>	<h1>KNOX CITY COUNCIL</h1>	DATE 8-02-2012
APPROVED <i>[Signature]</i>		REVISION B
SCALE N.T.S.	<h2>AGRICULTURAL DRAINS FOR SPORTS OVALS</h2>	CAD FILE NAME S 161.2



NOTE:

1. MINIMUM PIPE DIAMETER IS 100 MM
2. PIPES TO BE CLASS SH (SEWER QUALITY)
3. NOT TO BE USED UNDER ROAD PAVEMENTS WITHIN THE ROAD RESERVE
4. USE RECYCLED CRUSHED CONCRETE AS AGGREGATE OPTION

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# KNOX CITY COUNCIL

## TYPICAL U.P.V.C. DRAIN DETAIL

DATE  
 9-02-2012  
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 A  
 CAD FILE NAME  
 S 162.1