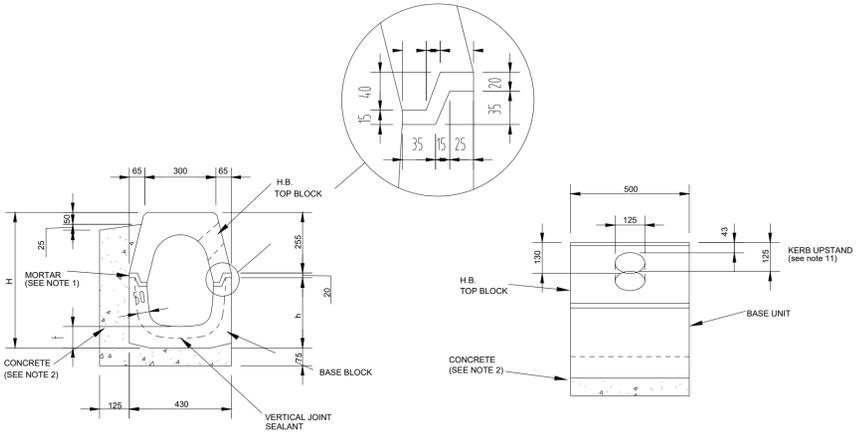


NOTES FOR BEANY BLOCK DETAILS SHEETS
DRAWINGS 1 TO 8

- Mortars shall be:
 - A Mortar class 12 cement mortar to BS EN 998-2 for bedding the Top Blocks
 - Marshall's M-Flex for bedding Base Block Outfalls onto the Beany Trapped Gully Unit sections
- Concrete bed, haunch and surround shall be:
 - A mix ST1 concrete to BS 8500-1&2 and BS EN 206-1 for Base Blocks used in the normal kerb application
 - A mix ST4 concrete to BS 8500-1&2 and BS EN 206-1 for Base Blocks used within the carriageway (i.e. where Base Block are used with cover plates and are trafficked)
 - A mix ST4 concrete to BS 8500-1&2 and BS EN 206-1 for Beany Trapped Gully, Silt Traps, Catch Pits and outlet details
- The specification for carrier pipe concrete surround is by others
- Marshall's vertical joint sealant, M-Seal, shall be applied to all Base Blocks:
 - For Base 630 applications, all Outfalls, Silt Traps and junctions should be formed by a brick Catch Pit structure:
 - The outlet pipe diameter, gradient, depth to invert, depth of trap shall be by others
 - The internal dimensions of the catch pit shall be 540 wide x 1000 long for Base 630 applications
- Corbelled brickwork with a maximum of 22mm steps shall be used to support the Access Cover and Frames
- Beany Block Access Covers and Frames are hinged and handed to the direction of the traffic, specified "hearside" and "offside"
- Movement joint details that fully isolate the Beany Block whilst maintaining restraint shall be provided adjacent to all concrete slabs, even when the slab is covered by other materials
- Stop End Top Blocks Units are available as left hand (LH) or right hand (RH) for use at transitions to half battered kerbs
- For Beany Block with cover plate a minimum of 50mm concrete cover (d) and 100mm of surfacing (D) will be required
- All dimensions are in millimetres.



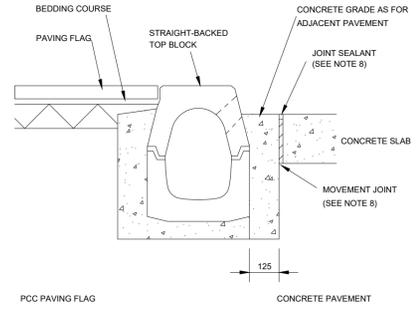
CROSS SECTION
HALF BATTERED TOP WITH BASE 205, 295 OR 365

LONGITUDINAL ELEVATION

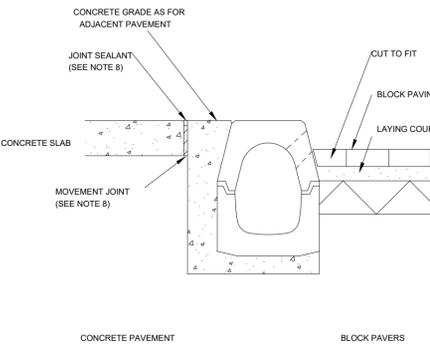
| BASE UNIT | H | h | t | DEPTH: c/way CHANNEL TO INVERT (125 KERB UPSTAND) |
|-----------|-----|-----|----|---|
| BASE 205 | 480 | 205 | 70 | 285 |
| BASE 295 | 570 | 295 | 90 | 355 |
| BASE 365 | 640 | 365 | 90 | 425 |
| BASE 630 | 905 | 630 | 75 | 705 |

| | 45° SPLAYED TOP | H.B. TOP | | | | |
|--------------|-----------------|----------|-----|-----|-----|-----|
| KERB UPSTAND | 75 | 100 | 110 | 120 | 125 | 150 |
| X | 46 | 40 | 37 | 34 | 33 | 27 |
| Y | 200 | 175 | 165 | 155 | 150 | 125 |

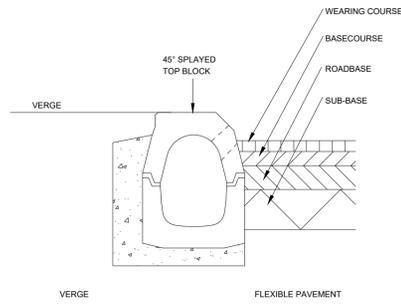
(*) FOR BASE 630 ADD 5 TO X VALUES
BASE UNIT SETTING OUT DETAIL



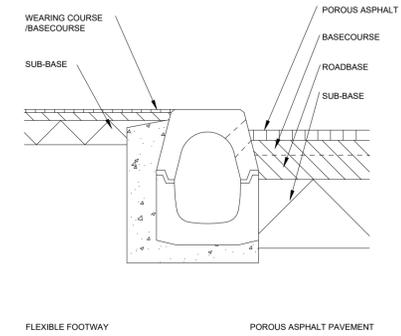
CROSS SECTION



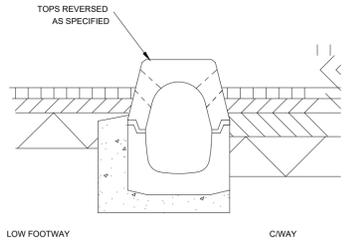
CROSS SECTION



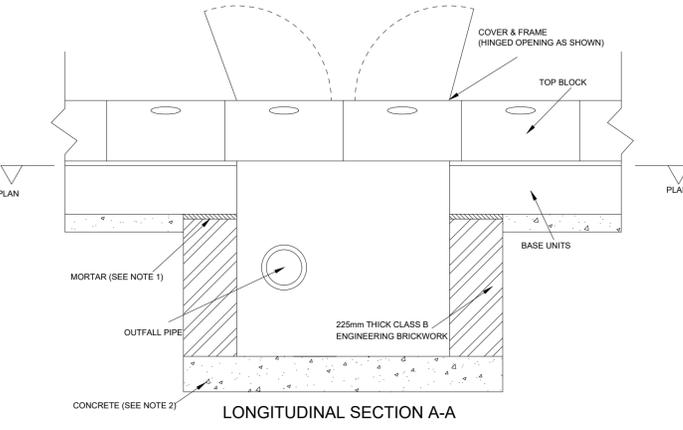
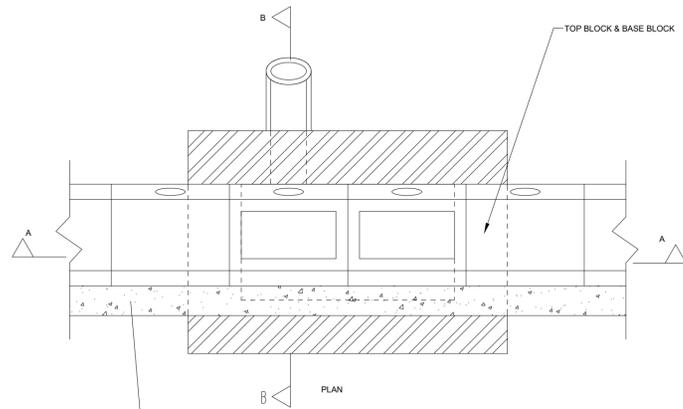
CROSS SECTION



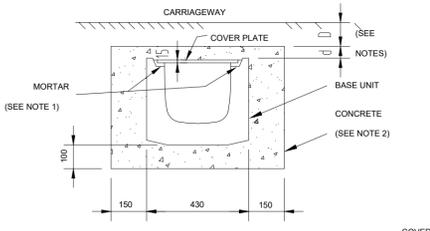
CROSS SECTION



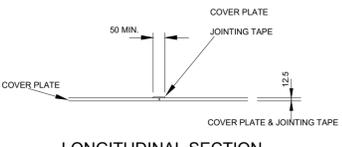
CROSS SECTION



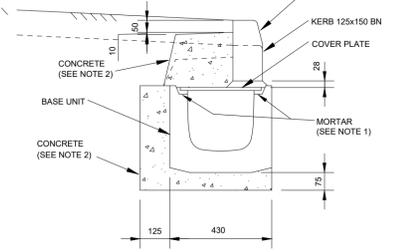
LONGITUDINAL SECTION A-A



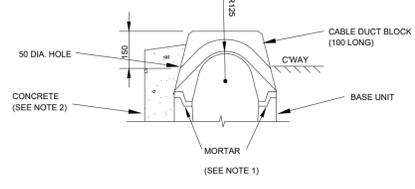
CROSS SECTION
BASE UNIT & COVER PLATE
BELOW CARRIAGEWAY



LONGITUDINAL SECTION

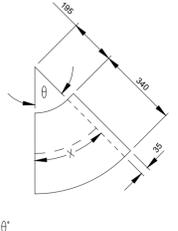


CROSS SECTION
BASE UNIT & COVER PLATE
TYPE B

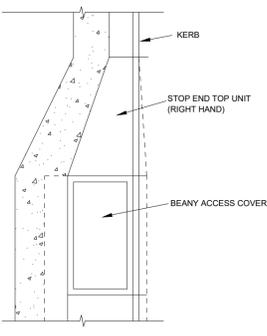


CROSS SECTION

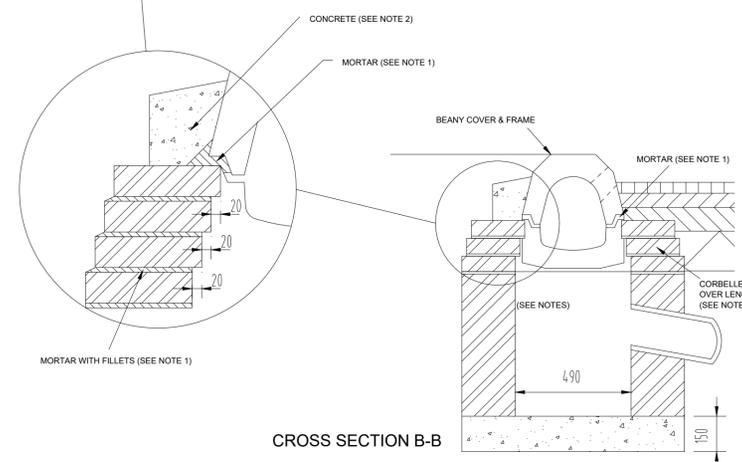
CABLE DUCT BLOCK
(ALSO SUPPLIED TO SUIT 45° SPLAYED
TOP PROFILES)



COVER PLATE BEND



PLAN
STOP END



CROSS SECTION B-B