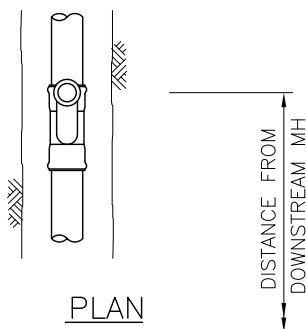
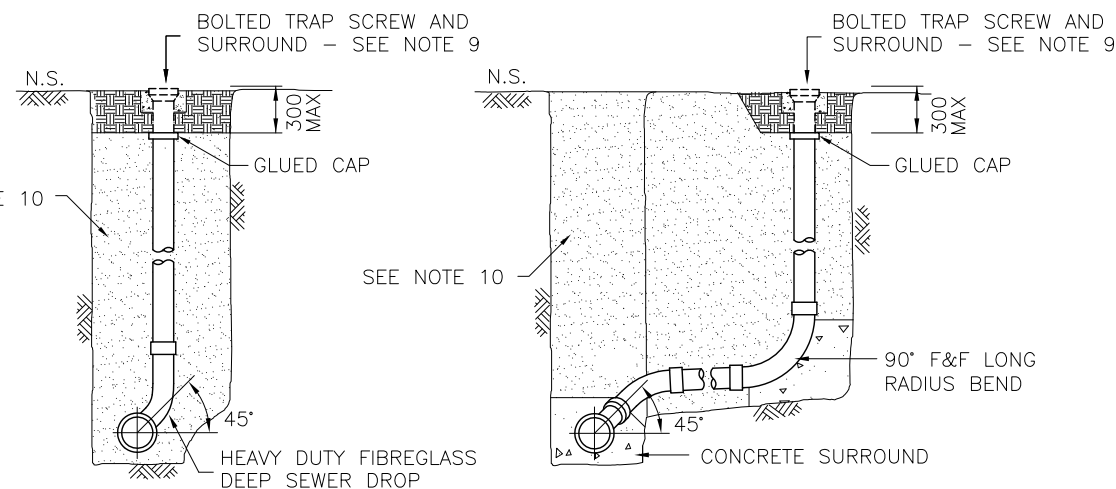


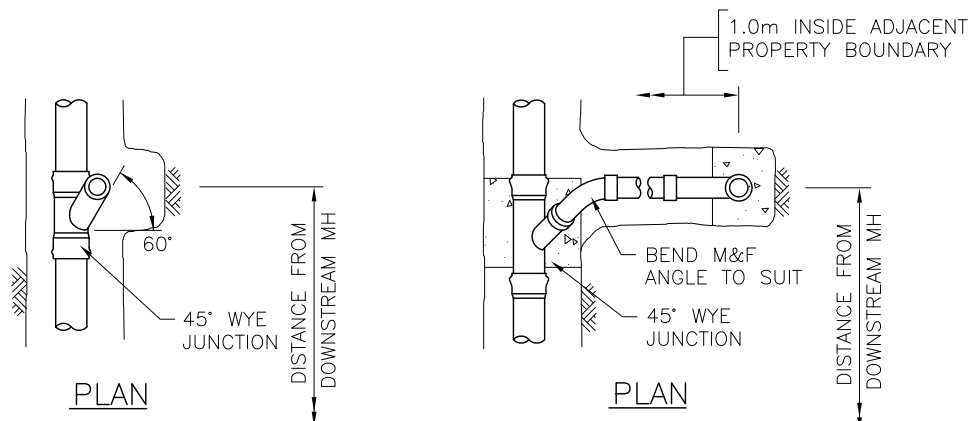
SIDE ELEVATION SECTIONAL ELEVATION



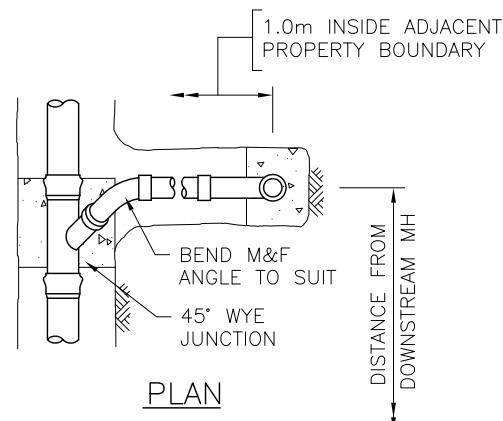
TYPE E1A  
(SEWER INSIDE PROPERTY)



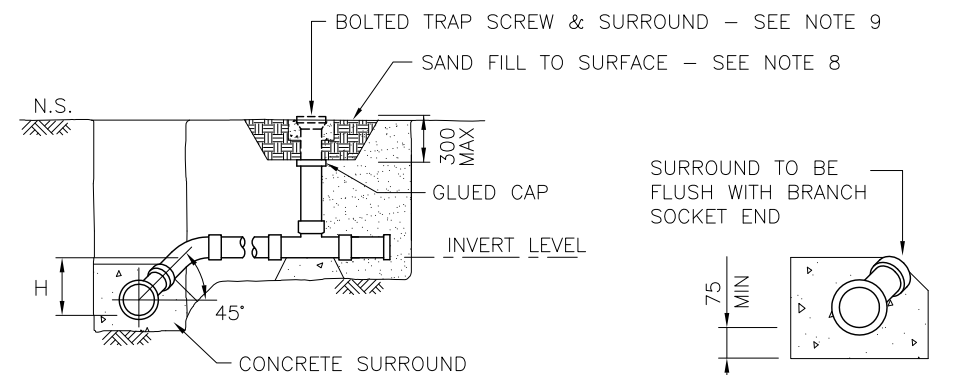
SECTIONAL ELEVATION SECTIONAL ELEVATION



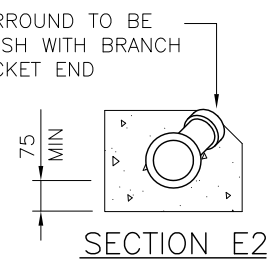
TYPE E1B  
(SEWER INSIDE PROPERTY)



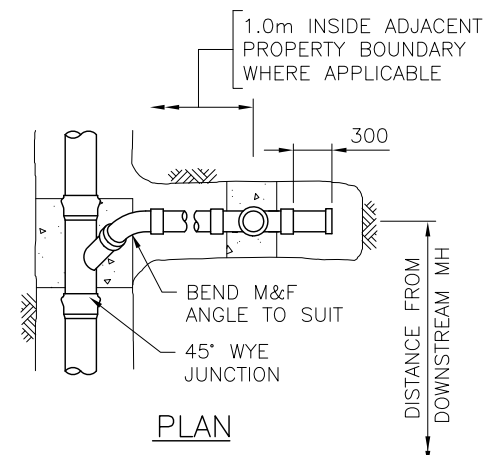
TYPE E2



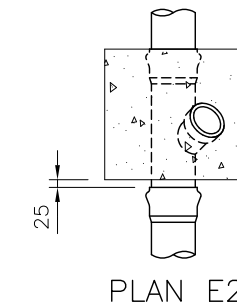
SECTIONAL ELEVATION



SECTION E2



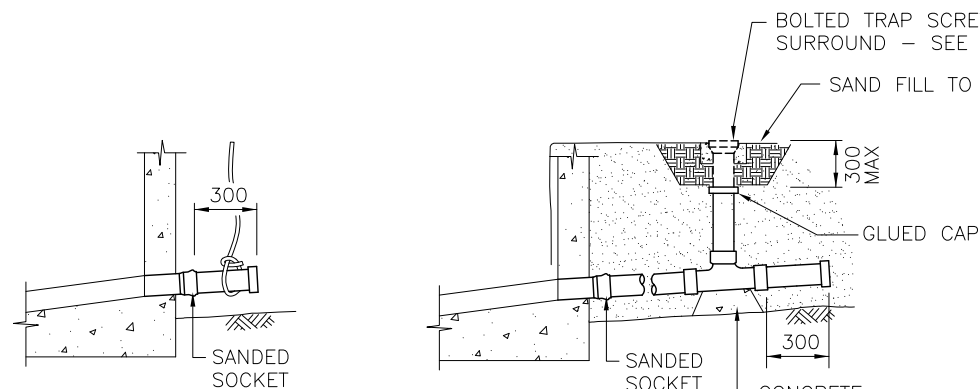
TYPE A  
(H < 400)



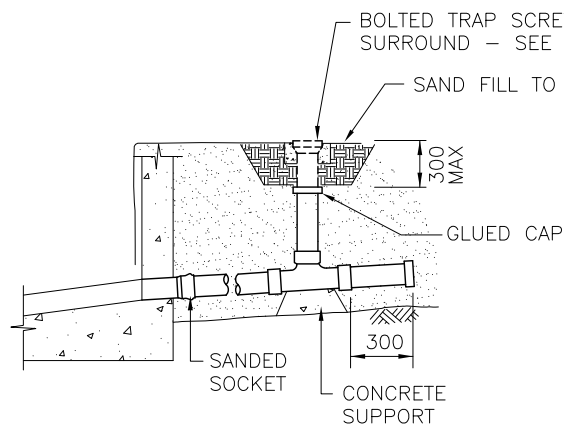
PLAN E2

## NOTES

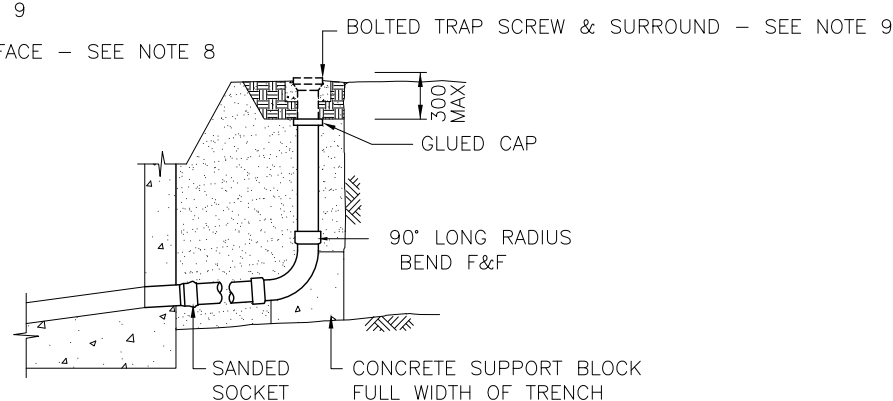
- INSPECTION TEES OR VERTICAL RISERS SHALL NOT BE LOCATED LESS THAN 1.0m INSIDE PROPERTY BOUNDARY OR CLEAR OF ANY STRUCTURES (IE CATCH DRAINS).
- ALL CONCRETE SHALL BE GRADE N25 IN ACCORDANCE WITH AS1379 AND AS3600 AND POURED AGAINST UNDISTURBED SOIL.
- CONCRETE SURROUNDS SHALL BE POURED FULL WIDTH OF TRENCH & SHALL HAVE A MINIMUM CLEARANCE OF 25mm TO SPIGOT ENDS & FLUSH AT SOCKET ENDS OF FITTINGS, NO FLEXIBLE JOINTS SHALL BE ENCASED IN CONCRETE.
- SAND BEDDING SHALL NOT BE LAID UNDER THE CONCRETE SURROUNDS. CONCRETE SHALL BE POURED FROM THE SOLID FOOTING OF THE TRENCH TO THE SPECIFIED LEVEL ON THE FITTING.
- ALL RISERS SHALL HAVE A BOLTED TRAP SCREW AND CONCRETE SURROUND INSTALLED AT FINISHED SURFACE LEVEL.
- PIPE MATERIALS AND FITTINGS SHALL HAVE A 'STANDARDS MARK' UNDER THE NATIONAL PLUMBING CERTIFICATION SCHEME.
- BECAUSE OF CONTROLS ANY DEVIATION FROM THIS PROFORMA SHALL BE DIRECTED BY THE LOCAL AUTHORITY.
- AT SUBDIVISION CONSTRUCTION STAGE THE CIVIL CONTRACTOR WILL BRING THE INSPECTION RISER TO WITHIN A MAXIMUM OF 300mm OF THE FINISHED SURFACE LEVEL AND INSTALL A GLUED CAP THEN FILL TO FINISHED SURFACE WITH SAND. INSTALL A 50X25 HW PEG 20mm ABOVE FINISHED SURFACE LEVEL WITH PLASTIC IDENTIFICATION TAPE LOOSELY TIED TO THE HCB.
- AT BUILDING CONSTRUCTION STAGE THE HOUSE DRAINER WILL EXTEND THE RISER TO THE FINISHED SURFACE LEVEL AND INSTALL A BOLTED TRAP SCREW AND CONCRETE SURROUND.
- 150 LAYERS OF EMBEDMENT COMPACTED EVENLY AROUND RISER EXTENDING ACROSS AND 150 MIN ALONG THE TRENCH.



TYPE A1  
(MANHOLE INSIDE PROPERTY)



TYPE A2  
(MANHOLE OUTSIDE PROPERTY)



TYPE E

DEPTH < 1.5m

DEPTH > 1.5m

## PROPERTY CONNECTIONS TO MANHOLES

## DISCLAIMER

The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited to, any interruption of service, loss of business or anticipatory profits, or consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.



## PROPERTY CONNECTION BRANCHES

Standard  
Drawing  
S3005

A B C D

D	MINOR AMENDMENTS	25/10/17
C	ADDITION TO NOTE 8	26/11/14
B	CRC DRAWING ADOPTED	28/11/12
A	ORIGINAL ISSUE	12/03/04
REVISIONS		DATE