



**Walsall Council**



**Sandwell**  
Metropolitan Borough Council



**Wolverhampton City Council**



**Dudley**  
Metropolitan Borough Council

FRAMEWORK CONTRACT FOR HIGHWAY WORKS - MINOR WORKS CONTRACT

STANDARD DETAIL

TRAFFIC SIGNAL DUCTING DETAIL

Drawing Title:

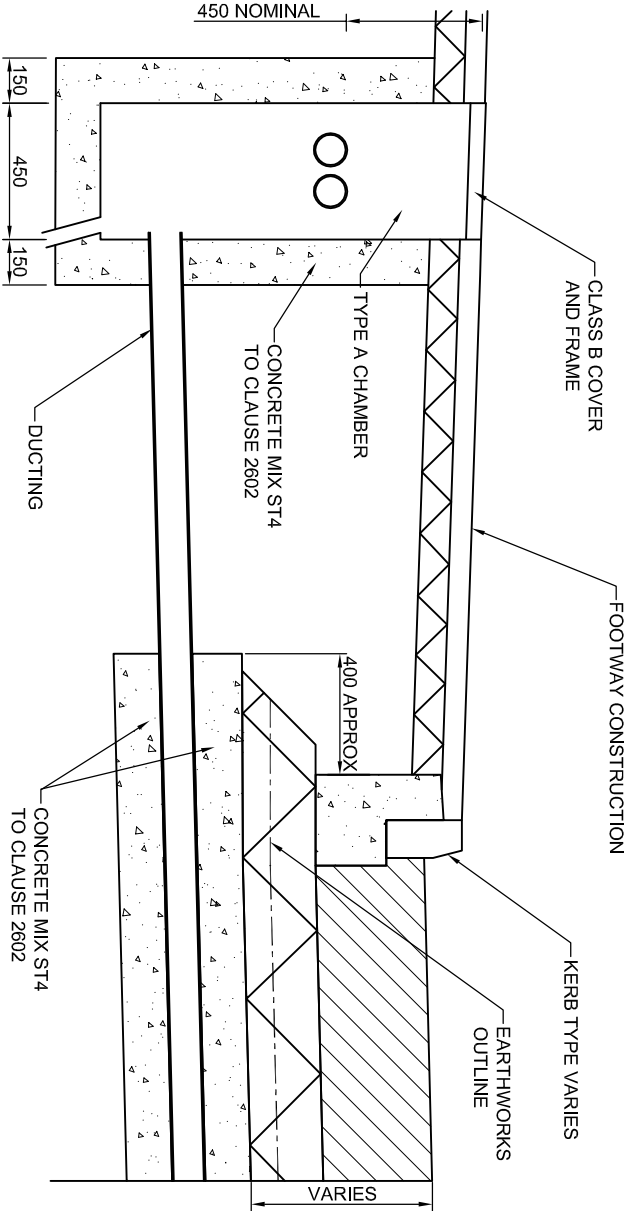
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Drawing Number

SD/1200/09

Rev

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TYPICAL LONGITUDINAL SECTION  
AT CARRIAGEWAY EDGE

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL DUCTS SHALL BE LAID AT A MINIMUM FALL OF 1%, WHERE POSSIBLE.
3. STRANDED NON-ROTTING DRAW CORDS SHALL BE PLACED IN EACH DUCT AND THE ENDS PLUGGED WITH WOODEN BUNGS.
4. ALL DUCTS SHALL HAVE THEIR ENDS MARKED WITH PERMANENT MARKERS.
5. DUCTS AND CHAMBERS SHALL BE LAID TO THE REQUIREMENTS OF SERIES 500 OF THE SPECIFICATION.
6. THE LOCATION AND SIZE OF THE DUCTS ARE SHOWN ON THE CONSTRUCTION WORKS DRAWINGS.
7. MATERIALS FOR SERVICE DUCTS SHALL COMPLY WITH TABLE 5/2 OF THE SPECIFICATION.
8. THE CONCRETE SURROUND SHALL NOT PROJECT ABOVE FORMATION LEVEL.
9. PERMANENT REINSTATEMENT IS REQUIRED TO ALL DUCT TRENCHES.
10. DUCTING IN FOOTWAYS SHALL BE LAID WITH A NOMINAL COVER OF 450mm. DUCTING IN FOOTWAYS SHALL NOT REQUIRE A CONCRETE SURROUND UNLESS SPECIFIED BY THE ENGINEER.
11. WHERE DUCTING CROSSES SIDE HUNG CARRIAGEWAYS, IT SHALL BE LAID TO THE SAME CROSSFALL AS THE CARRIAGEWAY. WHERE DUCTING CROSSES CROWNED CARRIAGEWAYS, THE FALLS SHALL BE DICTATED BY THE 600mm MINIMUM DEPTH TO CONCRETE SURROUND BEING TAKEN AT THE CHANNEL POSITION.
12. WIDTH OF TRENCH :-
  - 12.1. TWO WAY= ( 2D + 300 ) mm
  - 12.1. THREE WAY= ( 2D + 300 ) mm
  - 12.2. FOUR WAY= ( 2D + 300 ) mm
13. THERE SHALL BE A MINIMUM OF THREE NO. DUCTS FOR TRAFFIC SIGNAL DUCTING.