

THE FOLLOWING NOTES ARE APPLICABLE TO DRAWING NO. HLSDGE06-CL0044

1. A FULL DUCTING SYSTEM WITH EITHER UNPLASTICISED POLYVINYL CHLORIDE (UPVC) DUCTS OR GALVANISED IRON (GI) PIPES AND DRAW PITS SHALL BE SPECIFIED TO PROTECT AND FACILITATE FUTURE MAINTENANCE OF STREET LIGHTING CABLES. SUCH DUCTS/PIPES SHOULD BE LAID UNDER THE FOOTWAYS INSTEAD OF THE CARRIAGEWAYS OF THE STREET WHENEVER POSSIBLE.
2. UPVC DUCTS SHALL BE USED IN LOCATIONS WHERE THE MINIMUM DEPTH REQUIREMENT SPECIFIED IN LATEST VERSION OF HYD STANDARD DRAWING NO. H 6168 AND H 6170 CAN BE PROVIDED. GI PIPES OF APPROPRIATE SIZE SHALL BE USED IN LOCATIONS WHERE THE MINIMUM DEPTH REQUIREMENT CANNOT BE PROVIDED DUE TO OBSTRUCTIONS, ETC AND WHERE THE AGREEMENT OF THE RESPECTIVE REGIONAL OFFICE HAS BEEN SOUGHT TO WAIVE THE MINIMUM DEPTH REQUIREMENT.
3. DETAILS OF THE UPVC DUCTS AND GI PIPES SHALL BE AS SPECIFIED IN LATEST VERSION OF DRAWING NO. HLSDGE01-CL0005. THE GI PIPES SHALL BE OF MEDIUM GRADE.
4. THE LIGHTING DIVISION SHALL BE CONSULTED AT DESIGN STAGE ON DETAILS OF THE DUCTING SYSTEM INCLUDING THE DRAW-PITS REQUIREMENT. FOR NEW LIGHTING UNDER A ROAD PROJECT, THE DUCTING SYSTEM SHALL BE PROVIDED BY THE PROJECT AND INSTALLED BY THE PROJECT CONTRACTOR. FOR FURTHER DETAILS OF IMPRINTING WORK ON THE UPVC DUCTS, THE PROJECT CONTRACTORS MAY CONTACT THE LIGHTING DIVISION.
5. AS REGARDS THE PROTECTION OF EXISTING STREET LIGHTING CABLES IN ROADS WHERE LOTS OF EXISTING UTILITIES HAVE OCCUPIED THE SPACE UNDERNEATH THE PAVEMENT, THE USE OF SPLIT UPVC CABLE DUCTS MAY BE APPROPRIATE IN THESE AREAS. SUCH SPLIT UPVC DUCTS SHALL ALSO BE IMPRINTED WITH THE CAUTIONARY WORDINGS FOR EASE OF RECOGNITION. THE SPLIT UPVC DUCTS SHALL BE APPROVED AND INSTALLED BY THE LIGHTING DIVISION.
6. THE LIGHTING DIVISION SHALL TAKE UP THE MAINTENANCE RESPONSIBILITY OF THE UPVC DUCTS (INCLUDING SPLIT DUCTS) AND GI PIPES WHICH ARE NOT ENCASED IN CONCRETE. THE RESPECTIVE REGIONAL OFFICES OR THE BRIDGES AND STRUCTURES DIVISION SHALL TAKE UP THE MAINTENANCE RESPONSIBILITY OF THE DRAW-PITS AND THEIR COVERS, AND DUCTS/PIPES WHICH ARE ENCASED IN CONCRETE UNDER THEIR JURISDICTION. EXAMPLES OF THESE ARE FOUND IN RUN-INS, CENTRAL PROFILE BARRIERS, STRUCTURAL PARAPETS OR DUCTS FOR SOFFIT LIGHTING, ETC.

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HIGHWAYS DEPARTMENT LIGHTING DIVISION			
REFERENCE	DRAWING No.		CAD
SCALE	HLSDGE06-CL0045		
	N.T.S.		

FULL DUCTING SYSTEM FOR
PUBLIC LIGHTING INSTALLATION (SHEET 2 of 2)