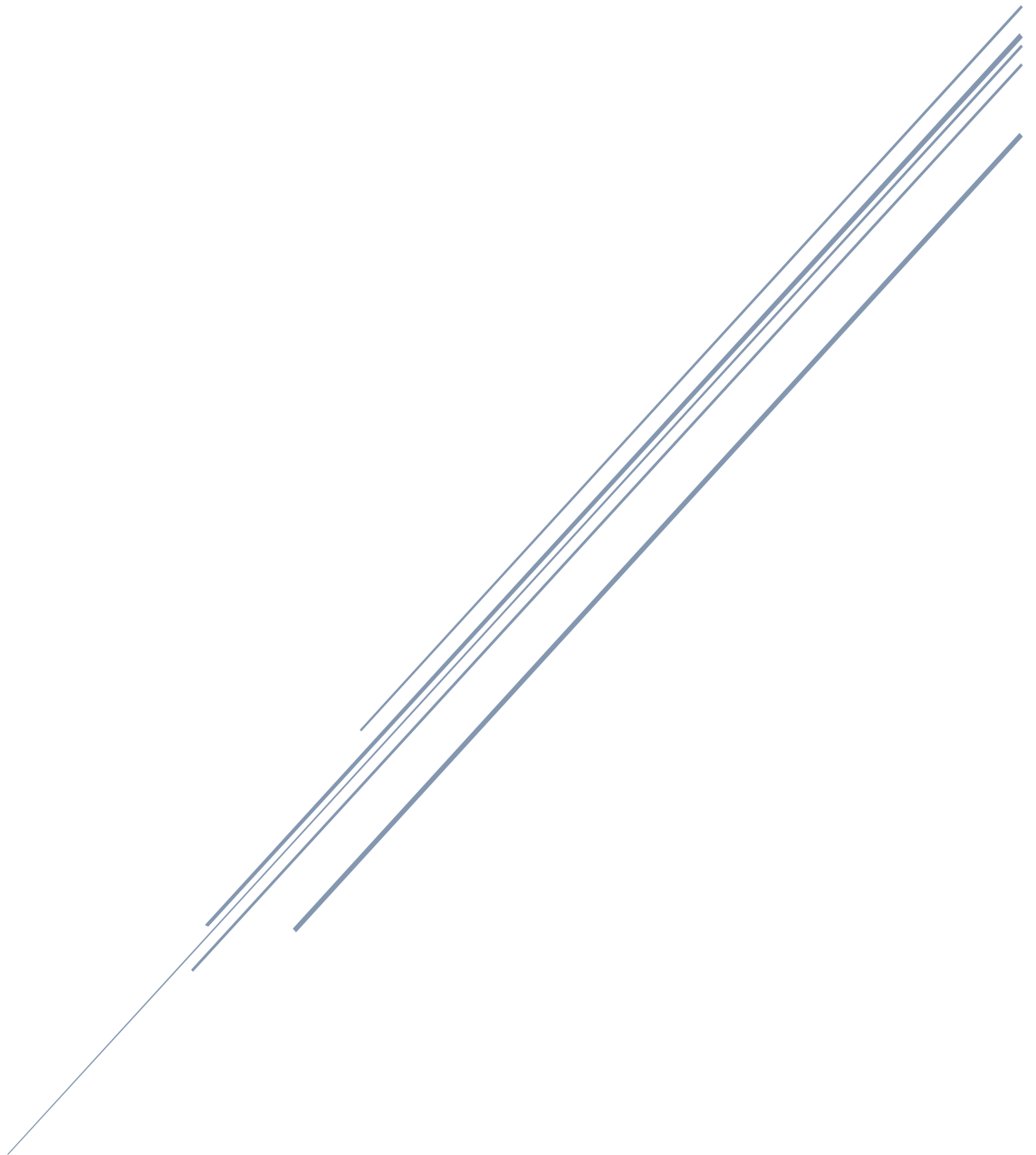


DETAILED REQUIREMENTS ON SUPPORT OF UTILITY SERVICES



July 2025

Table of Contents

Code of Practice or Guidelines from Government Authorities.....	1
Electricity Supply Lines	1
Gas Pipes	1
Telecommunications Lines	1
The Hongkong Electric Co., Ltd.	2
General Guidelines and Leaflet	2
Power Cable up to 22kV (with or without duct (150mm or below diameter)) and Cable Joint	2
132kV & 275kV Power Cable (with or without duct (200- 250mm diameter)) and Cable Joint	2
Communication Cable (with or without duct (150mm or below diameter)) and Cable Joint	2
Power overhead line tower/pole	3
Distribution/ Transformer Pillar	3
Underground Pit / Manhole	3
275/132kV Transmission Cable Joint Bay Concrete Structure	3
CLP Power Hong Kong Ltd.	4
General Guidelines and Leaflet	4
Power Cables up to 33kV.....	4
132kV & 400kV Power Cables	4
Communication Cables.....	4
Drainage Services Department	6
General Guidelines and Leaflet	6
Pipes	6
Manholes.....	6
Highways Department	7
General Guidelines and Leaflet	7
Public Lighting Cables & Cable Ducts	7
Other installation – e.g. lighting column, public lighting controller.....	7
Hong Kong Broadband Network Limited (HKBN).....	8
General Guidelines and Leaflet	8
Ducts (with or without cables)	8

Cables & Cable Joints.....	8
Joint Chamber / Joint box.....	8
Hong Kong Cable Television Ltd.	9
General Guidelines and Leaflet	9
Cables and ducts.....	9
Joints.....	9
Joint box	9
Hong Kong Tramways Ltd.	10
General Guidelines and Leaflet	10
Tram track.....	10
Tram pole.....	10
Underground power cable	11
HGC Global Communications Ltd.	12
General Guidelines and Leaflet	12
Telecom cable / duct	12
Jointing chamber	12
HKBN Enterprise Solutions Limited (HKBN-ES) (ex-NWT)	13
General Guidelines and Leaflet	13
Ducts (with or without Cables).....	13
Cables & Cable Joints.....	13
Joint Chamber / Joint Box.....	13
HKT Ltd.	14
General Guidelines and Leaflet	14
Ducts.....	14
Cables	14
Joints.....	14
Manholes/Joint box.....	15
The Hong Kong and China Gas Co., Ltd.	16
General Guidelines and Leaflet	16
Ductile Iron Pipe and Galvanized Iron Pipe	16
Polyethylene (PE) Pipe.....	16
Steel Pipe	17
Towngas Telecom	18

General Guidelines and Leaflet	18
Cables and ducts.....	18
Joints.....	18
Joint box	18
Water Supplies Department	19
General Guidelines and Leaflet	19
Water mains, cables, valves, bend blocks	19
HKBN Enterprise Solutions HK Limited (HKBN -ESHK) (ex-WTT, ex-WTT HK Limited)	20
General Guidelines and Leaflet	20
Ducts (with or without cables)	20
Cables & Cable Joints.....	20
Joint Chamber / Joint box.....	20
China Telecom Global Limited.....	21
General Guidelines and Leaflet	21
Duct and Cable	21
Joint and Joint Chamber	21

Code of Practice or Guidelines from Government Authorities

Electricity Supply Lines

Name of Publication	Links
Code of Practice on Working near Electricity Supply Lines	https://www.emsd.gov.hk/filemanager/en/content_443/CoP-WorkingNearElectricitySupplyLines2018.pdf
《實務守則》有關在供電電纜附近工作	https://www.emsd.gov.hk/filemanager/tc/content_443/CoP-WorkingNearElectricitySupplyLines2018.pdf

Gas Pipes

Name of Publication	Links
Code of Practice “Avoidance of Damage to Gas Pipes”	https://www.emsd.gov.hk/filemanager/en/content_286/CoP_gas_pipes_2nd_(Eng).pdf
工作守則“避免損壞氣體喉管”	https://www.emsd.gov.hk/filemanager/tc/content_286/CoP_gas_pipes_2nd_(Chi).pdf

Telecommunications Lines

Name of Publication	Links
Guidelines on Work near Underground Telecommunications Lines	https://www.ofca.gov.hk/filemanager/ofca/en/content_1551/guidelines.pdf
有關在地下電訊線路附近進行工作的指引	https://www.ofca.gov.hk/filemanager/ofca/tc/content_1551/guidelines.pdf

The Hongkong Electric Co., Ltd.

General Guidelines and Leaflet

General Guidelines	General Practice on Execution of Excavation and Construction Work Near Underground Electricity Cables (dated 08/2010) (Attachment 1)
Leaflet	Leaflet on “Beware of Cable Damage, It Could Cause Injury!” (Rev. 08/2010) (Attachment 1)

Power Cable up to 22kV (with or without duct (150mm or below diameter)) and Cable Joint

Standard/Typical Drawings or Photos of Services	Photo Nos. 1-6 (Attachment 1)
Maximum Separation of Support	Maximum 1 metre
Special Requirement for Supporting Joint/Services	Cable joint has to be supported properly in accordance with the guidelines and drawing provided. Joints to be properly covered by sand bags and fire blanket.

132kV & 275kV Power Cable (with or without duct (200- 250mm diameter)) and Cable Joint

Standard/Typical Drawings or Photos of Services	Photo Nos. 7-11 (Attachment 1)
Maximum Separation of Support	Not allowed without prior approval of HEC
Special Requirement for Supporting Joint/Services	275/132kV concrete cable slab covers should not be removed without the consent of HEC. Method of support of cable, if required, to be agreed with HEC beforehand. Support of cable joints and excavation underneath of cable joints are not allowed.

Communication Cable (with or without duct (150mm or below diameter)) and Cable Joint

Standard/Typical Drawings or Photos of Services	Photo Nos. 12-14 (Attachment 1)
Maximum Separation of Support	Maximum 1 metre
Special Requirement for Supporting Joint/Services	Cable joint has to be supported properly in accordance with the guidelines and drawing

	provided. Joints to be properly covered by sand bags and fire blanket.
--	--

Power overhead line tower/pole

Standard/Typical Drawings or Photos of Services	Photo Nos. 15-16
Maximum Separation of Support	Not allowed without prior approval of HEC
Special Requirement for Supporting Joint/Services	

Distribution/ Transformer Pillar

Standard/Typical Drawings or Photos of Services	Photo Nos. 17-18
Maximum Separation of Support	Not allowed without prior approval of HEC
Special Requirement for Supporting Joint/Services	

Underground Pit / Manhole

Standard/Typical Drawings or Photos of Services	Photo Nos. 19
Maximum Separation of Support	Not allowed without prior approval of HEC
Special Requirement for Supporting Joint/Services	

275/132kV Transmission Cable Joint Bay Concrete Structure

Standard/Typical Drawings or Photos of Services	Photo No. 20
Maximum Separation of Support	Maximum 1 metre
Special Requirement for Supporting Joint/Services	

CLP Power Hong Kong Ltd.

General Guidelines and Leaflet

General Guidelines	Guidelines for Contractor Working in the Vicinity of Electricity Cables and Overhead Lines (dated 08/2006)
Leaflet	N/A

Power Cables up to 33kV

Standard/Typical Drawings or Photos of Services	(Attachment 2)
Maximum Separation of Support	Maximum 1 metre
Special Requirement for Supporting Joint/Services	Cable joint needed to be supported properly in accordance with the CLPP's guidelines. Joints to be properly covered with sand bags.

132kV & 400kV Power Cables

Standard/Typical Drawings or Photos of Services	(Attachment 2)
Maximum Separation of Support	Not allowed before CLPP's consent is obtained
Special Requirement for Supporting Joint/Services	Cable marker tapes, protective covers and L-shape concrete block should not be removed, and moving or overhanging of cable joint is strictly prohibited, unless CLPP's consent is obtained. Support of cable joint and excavation underneath of cable joint and manhole are not allowed. The method of cable support should be agreed and in accordance with the CLPP's requirements.

Communication Cables

Standard/Typical Drawings or Photos of Services	(Attachment 2)
Maximum Separation of Support	Maximum 1 metre
Special Requirement for Supporting Joint/Services	Cable joint needed to be supported properly in accordance with the CLPP's guidelines. Joints to be properly covered with sand bags.

Drainage Services Department

General Guidelines and Leaflet

General Guidelines	N/A
Leaflets	N/A

Pipes

Standard/Typical Drawings or Photos of Services	Photos of Services of Drainage Services Department (Attachment 3)
Maximum Separation of Support	One support shall be placed adjacent to each end of each pipe and the spacing between supports shall not exceed 1.5 m
Special Requirement for Supporting Joint/Services	Joints shall be supported properly. Method of support with protection measures shall be approved by DSD before commencement of excavation or immediate after exposure of DSD's pipes.

Manholes

Standard/Typical Drawings or Photos of Services	Photos of Services of Drainage Services Department (Attachment 3)
Maximum Separation of Support	Not allowed without prior approval of DSD.
Special Requirement for Supporting Joint/Services	Not allowed without prior approval of DSD.

Highways Department

General Guidelines and Leaflet

General Guidelines	N/A
Leaflets	N/A

Public Lighting Cables & Cable Ducts

Standard/Typical Drawings or Photos of Services	Drawing. No. HLDSDGE01 – CL0005C “Unplasticized PVC AND G.I. DUCTS” (Attachment 4) Drawing No. HLDSDGE01 – CL0022D “DETAILS OF CABLE TRENCH AND DUCT CROSSING” (Attachment 4)
Maximum Separation of Support	Maximum 2 metres. Method of support to be agreed with Chief Engineer/Lighting, Highways Department beforehand.
Special Requirement for Supporting Joint/Services	Cable joint has to be supported properly. Method of support to be agreed with Chief Engineer/Lighting, Highways Department beforehand.

Other installation – e.g. lighting column, public lighting controller

Standard/Typical Drawings or Photos of Services	Drawing No. HLDSDGE01 – CL0003D “DETAILS OF POLE SOCKET FOUNDATION” (Attachment 4)
Maximum Separation of Support	Not allowed without prior approval of Chief Engineer/Lighting, Highways Department.
Special Requirement for Supporting Joint/Services	Method of support to be agreed.

Hong Kong Broadband Network Limited (HKBN)

General Guidelines and Leaflet

General Guidelines	General Guidelines on Excavation Work to be carried out near the Underground Fibre Cables and Associated Facilities of HKBN (“Guideline”)
Leaflets	Joint Leaflet for Fixed Network Operators

Ducts (with or without cables)

Standard/Typical Drawings or Photos of Services	Photos / Drawings of Hong Kong Broadband Networks Ltd. Facilities (Attachment 5)
Maximum Separation of Support	Max. 1.5 metre
Special Requirement for Supporting Joint/Services	Method statement for ducts supporting is submitted to HKBN for comment.

Cables & Cable Joints

Standard/Typical Drawings or Photos of Services	Photos / Drawings of Hong Kong Broadband Networks Ltd. Facilities (Attachment 5)
Maximum Separation of Support	Not allowed without prior approval of HKBN
Special Requirement for Supporting Joint/Services	Method statement for cables / cable joints supporting is submitted to HKBN for comment.

Joint Chamber / Joint box

Standard/Typical Drawings or Photos of Services	Photos / Drawings of Hong Kong Broadband Networks Ltd. Facilities (Attachment 5)
Maximum Separation of Support	Not allowed without prior approval of HKBN
Special Requirement for Supporting Joint/Services	Method statement for joint chamber / joint box supporting is submitted to HKBN for comment.

Hong Kong Cable Television Ltd.

General Guidelines and Leaflet

General Guidelines	N/A
Leaflets	N/A

Cables and ducts

Standard/Typical Drawings or Photos of Services	Photos of Services of Hong Kong Cable Television Ltd. (Attachment 6)
Title or Drawing No. and Issue Date of the Guideline	Drawing No. TMSC01 (dated 14/11/2006)
Maximum Separation of Support	Max 1.5 metre
Special Requirement for Supporting Joint/Services	Cables and ducts have to be supported properly and a wooden plate is added at the bottom of ducts and cables.

Joints

Standard/Typical Drawings or Photos of Services	Photos of Services of Hong Kong Cable Television Ltd. (Attachment 6)
Title or Drawing No. and Issue Date of the Guideline	Drawing No. TMSC03 (dated 15/11/2006)
Maximum Separation of Support	Not allowed without prior approval of HKC
Special Requirement for Supporting Joint/Services	Joints have to be supported properly and a wooden plate is added at the bottom of joints.

Joint box

Standard/Typical Drawings or Photos of Services	Photos of Services of Hong Kong Cable Television Ltd. (Attachment 6)
Title or Drawing No. and Issue Date of the Guideline	Drawing No. TMSC02 (dated 15/11/2006)
Maximum Separation of Support	Not allowed without prior approval of HKC
Special Requirement for Supporting Joint/Services	Method statement for joint box supporting is submitted to HKC for comment.

Hong Kong Tramways Ltd.

General Guidelines and Leaflet

General Guidelines	N/A
Leaflets	N/A

Tram track

Standard/Typical Drawings or Photos of Services	Drawing No. A-220-S0458-Sheet 1 to 3 (Attachment 7)
Title or Drawing No. and Issue Date	Drawing No. A-220-S0458-Sheet 1 to 3 (dated 16/12/2002)
Maximum Separation of Support	1 metre
Special Requirement for Supporting Joint/Services	<p>For works across tram track, tunneling method must be used. The standard method of supporting underneath tram track is shown in the drawing.</p> <p>After the completion of works, the excavated area for tunneling shall be backfilled by foam concrete to HyD standard.</p> <p>Provide settlement markers on tram track for track level monitoring on daily basis.</p> <p>Analyze the level monitoring result and submit the result to us on daily basis for record purpose.</p> <p>Avoid any settlement of the tram track or track foundation which is caused by your works. Suspend all site works, notify Tramways and carry out the rectification works to our satisfaction at once in case any settlement is observed.</p> <p>Contact our operations manager if your works would affect tram operation.</p> <p>Formal reply from your company on the acceptance of the above requirements; otherwise, we shall not approve the commencement of your works.</p>

Tram pole

Standard/Typical Drawings or Photos of Services	Drawing No. A-200-S0014 (Attachment 7)
---	--

Title or Drawing No. and Issue Date	Drawing No. A-200-S0014 (dated 5/6/2002)
Maximum Separation of Support	1 metre
Special Requirement for Supporting Joint/Services	The foundation size is 1.0m(L) x 1.0m(W) x 2.0m(D). In either case that your work is within 1.0m clearance from the tram pole, or the foundation of temporary tram pole is required to be broken, proper structural support with RSE structural design calculation shall be provided to us to ensure that there is no safety hazard to the public. After your installation completion, the damaged pole foundation shall be properly backfilled by concrete in the presence of our staff.

Underground power cable

Standard/Typical Drawings or Photos of Services	Drawing No. A-260-S0035 (Attachment 7)
Title or Drawing No. and Issue Date	Drawing No. A-260-S0035 (dated 14/10/2004)
Maximum Separation of Support	1 metre
Special Requirement for Supporting Joint/Services	The actual installation of underground power cables shown in drawings may vary subject to site condition.

HGC Global Communications Ltd.

General Guidelines and Leaflet

General Guidelines	Guideline for support of HGC external plant (Attachment 8)
Leaflets	N/A

Telecom cable / duct

Standard/Typical Drawings or Photos of Services	Photos of Services of HGC Global Communications Ltd. (Attachment 8)
Maximum Separation of Support	Maximum 1.5 metre
Special Requirement for Supporting Joint/Services	Ensure enough cable slack before duct / cable supporting work Supporting work should be under HGC site supervision. Removal of concrete surrounding to HGC duct will not be allowed.

Jointing chamber

Standard/Typical Drawings or Photos of Services	Photos of Services of HGC Global Communications Ltd. (Attachment 8)
Maximum Separation of Support	Maximum 1.5 metre
Special Requirement for Supporting Joint/Services	Ensure enough cable slack before jointing chamber supporting work. Supporting work should be under HGC site supervision.

HKBN Enterprise Solutions Limited (HKBN-ES) (ex-NWT)

General Guidelines and Leaflet

General Guidelines	General Guidelines on Excavation Work to be carried out near the Underground Fibre Cables and Associated Facilities of HKBN (“Guideline”)
Leaflets	Joint Leaflet for Fixed Network Operators

Ducts (with or without Cables)

Standard/Typical Drawings or Photos of Services	Photos / Drawings of HKBN-ES (ex-NWT) Facilities (Attachment 9)
Maximum Separation of Support	Maximum 1.5 metre
Special Requirement for Supporting Joint/Services	Method statement for ducts supporting is submitted to HKBN-ES for comment.

Cables & Cable Joints

Standard/Typical Drawings or Photos of Services	Photos / Drawings of HKBN-ES (ex-NWT) Facilities (Attachment 9)
Maximum Separation of Support	Not allowed without prior approval of HKBN-ES
Special Requirement for Supporting Joint/Services	Method statement for cables / cable joints supporting is submitted to HKBN-ES for comment.

Joint Chamber / Joint Box

Standard/Typical Drawings or Photos of Services	Photos / Drawings of HKBN-ES (ex-NWT) Facilities (Attachment 9)
Maximum Separation of Support	Not allowed without prior approval of HKBN-ES
Special Requirement for Supporting Joint/Services	Method statement for joint chamber / joint box supporting is submitted to HKBN-ES for comment.

HKT Ltd.

General Guidelines and Leaflet

General Guidelines	Guidelines for Excavations and Related Works (English & Chinese) (Attachment 10)
Leaflets	Leaflet (English & Chinese)

Ducts

Standard/Typical Drawings or Photos of Services	Photo Nos. 1-4 (Attachment 10)
Maximum Separation of Support	Not allowed without prior approval of HKT
Special Requirement for Supporting Joint/Services	Method of support with protection measures to be agreed with HKT beforehand. Typical supporting requirements shown in “Guidelines for Excavations and Related Work”.

Cables

Standard/Typical Drawings or Photos of Services	Photo Nos. 5 (Attachment 10)
Maximum Separation of Support	Not allowed without prior approval of HKT
Special Requirement for Supporting Joint/Services	Method of support with protection measures to be agreed with HKT beforehand. Typical supporting requirements shown in “Guidelines for Excavations and Related Work”.

Joints

Standard/Typical Drawings or Photos of Services	Photo Nos. 6 (Attachment 10)
Maximum Separation of Support	Not allowed without prior approval of HKT
Special Requirement for Supporting Joint/Services	Method of support with protection measures to be agreed with HKT beforehand. Typical supporting requirements shown in “Guidelines for Excavations and Related Work”.

Manholes/Joint box

Standard/Typical Drawings or Photos of Services	Photo Nos. 7-12 (Attachment 10)
Maximum Separation of Support	Not allowed without prior approval of HKT
Special Requirement for Supporting Joint/Services	Method of support with protection measures to be agreed with HKT beforehand. Typical supporting requirements shown in “Guidelines for Excavations and Related Work”.

The Hong Kong and China Gas Co., Ltd.

General Guidelines and Leaflet

General Guidelines	General Requirements For Construction Work In The Vicinity Of Gas Main (Attachment 11)
Leaflet	“Get All Safe” leaflet (Attachment 11)

Ductile Iron Pipe and Galvanized Iron Pipe

Standard/Typical Drawings or Photos of Services	(Attachment 11)
Maximum Separation of Support	Maximum 2.2 metres
Special Requirement for Supporting Joint/Services	<p>Support should elastic enough to absorb any shock loads. A slab of rubber or other resilient material should be wrapped round the pipe before supports are installed.</p> <p>Supports should rigid enough to suppress side swing and lateral movements of the pipe.</p> <p>At least 3 supports for a 5.5 metres long pipe.</p> <p>Supports for joint should not be more than 600mm away from the socket glands.</p>

Polyethylene (PE) Pipe

Standard/Typical Drawings or Photos of Services	(Attachment 11)
Maximum Separation of Support	<p>Maximum 1.0metre for pipes less than 250mm.</p> <p>Maximum 2.0 metres for 250mm pipe and above</p>
Special Requirement for Supporting Joint/Services	<p>Must be protected from direct exposure to Sun (UV) light.</p> <p>Fire retardant wrapping should be applied to the exposed PE pipe.</p> <p>Support should elastic enough to absorb any shock loads. A slab of rubber or other resilient material should be wrapped round the pipe before supports are installed. Supported by wire directly is PROHIBITED.</p>

Steel Pipe

Standard/Typical Drawings or Photos of Services	(Attachment 11)
Maximum Separation of Support	Max 8.0 m for all steel pipe
Special Requirement for Supporting Joint/Services	<p>No direct metal to metal contact. Rubber or other resilient material should be placed in between.</p> <p>No point loading to the gas main is allowed.</p> <p>The support should be rigid enough to support the exposed gas pipe section.</p> <p>The exposed gas pipe section should be well protected against external impact.</p> <p>A 24 hour free access should be provided for HKCG's personnel inspection.</p>

Towngas Telecom

General Guidelines and Leaflet

General Guidelines	N/A
Leaflets	N/A

Cables and ducts

Standard/Typical Drawings or Photos of Services	Photos of Services of Towngas Telecom (Attachment 12)
Title or Drawing No. and Issue Date	Drawing No. TMSC01 (dated 14/11/2006)
Maximum Separation of Support	Up to 1.6m
Special Requirement for Supporting Joint/Services	Adequate support should be provided. Wooden plate should be provided at the bottom of duct for supporting.

Joints

Standard/Typical Drawings or Photos of Services	Photos of Services of Towngas Telecom (Attachment 12)
Title or Drawing No. and Issue Date	Drawing No. TMSC03 (dated 15/11/2006)
Maximum Separation of Support	Not allowed without prior approval of TGT
Special Requirement for Supporting Joint/Services	Adequate support should be provided. Wooden plate should be provided along the bottom of the cable joint for supporting.

Joint box

Standard/Typical Drawings or Photos of Services	Photos of Services of Towngas Telecom (Attachment 12)
Title or Drawing No. and Issue Date	Drawing No. TMSC02 (dated 15/11/2006)
Maximum Separation of Support	Not allowed without prior approval of TGT
Special Requirement for Supporting Joint/Services	Method statement is required to submit to TGT for consent.

Water Supplies Department

General Guidelines and Leaflet

General Guidelines	How to Prevent Damage to Water Mains (Attachment 13)
Leaflets	N/A

Water mains, cables, valves, bend blocks

Standard/Typical Drawings or Photos of Services	Photos of Services of Water Supplies Department (Attachment 13)
Maximum Separation of Support	Depending on type, size and length of existing services exposed
Special Requirement for Supporting Joint/Services	Exposed services to be protected and supported properly in accordance with WSD's "Guidelines for Excavation near Water Mains" (Attachment 13). Thrust blocks should not be disturbed or exposed without providing proper support and WSD's prior agreement. In difficult site condition (i.e. deep excavation), WSD should be consulted prior to excavation.

HKBN Enterprise Solutions HK Limited (HKBN-ESHK) (ex-WTT, ex-WTT HK Limited)

General Guidelines and Leaflet

General Guidelines	General Guidelines on Excavation Work to be carried out near the Underground Fibre Cables and Associated Facilities of HKBN (“Guideline”)
Leaflets	Joint Leaflet for Fixed Network Operators

Ducts (with or without cables)

Standard/Typical Drawings or Photos of Services	Photos / Drawings of HKBN-ESHK Facilities (Attachment 14)
Maximum Separation of Support	Max. 1.5m
Special Requirement for Supporting Joint/Services	Method statement for ducts supporting is submitted to HKBN-ESHK for comment.

Cables & Cable Joints

Standard/Typical Drawings or Photos of Services	Photos / Drawings of HKBN-ESHK Facilities (Attachment 14)
Maximum Separation of Support	Not allowed without prior approval of HKBN-ESHK
Special Requirement for Supporting Joint/Services	Method statement for cables / cable joints supporting is submitted to HKBN-ESHK for comment.

Joint Chamber / Joint box

Standard/Typical Drawings or Photos of Services	Photos / Drawings of HKBN-ESHK Facilities (Attachment 14)
Maximum Separation of Support	Not allowed without prior approval of HKBN-ESHK
Special Requirement for Supporting Joint/Services	Method statement for joint chamber / joint box supporting is submitted to HKBN-ESHK for comment.

China Telecom Global Limited

General Guidelines and Leaflet

General Guidelines	Guideline for support of CTG external plant (Attachment 15)
Leaflets	N/A

Duct and Cable

Standard/Typical Drawings or Photos of Services	Photos of Services of China Telecom Global Limited (Attachment 15)
Title or Drawing No. and Issue Date	Drawing No. CTG-UG-01 (dated 25/11/2024)
Maximum Separation of Support	Maximum 1.5 metre
Special Requirement for Supporting Joint/Services	Support method with protective measures to be agreed upon with CTG in advance. Typical support requirements are illustrated in Drawing: CTG-UG-01.

Joint and Joint Chamber

Standard/Typical Drawings or Photos of Services	Photos of Services of China Telecom Global Limited (Attachment 15)
Title or Drawing No. and Issue Date	Drawing No. CTG-UG-02 (dated 25/11/2024)
Maximum Separation of Support	Maximum 1.5 metre
Special Requirement for Supporting Joint/Services	Support method with protective measures to be agreed upon with CTG in advance. Typical support requirements are illustrated in Drawing: CTG-UG-02.