

NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTS AND ALL ENGINEERS SPECIFICATIONS AND RELEVANT DRAWINGS.
- THE MAIN CONTRACTOR SHALL REFER TO STRUCTURAL ENGINEERS AND ARCHITECTS DRAWINGS FOR FINAL SETTING OUT OF ALL ASSOCIATED M&E BUILDERSWORK HOLES.
- PIPEWORK ROUTES ARE INDICATIVE. CONTRACTOR TO ALLOW FOR ESTABLISHING ACTUAL ROUTES.
- DEPTH AND LOCATION OF SERVICES TO BE IN ACCORDANCE WITH WATER REGULATIONS AND NJUG DOCUMENTATION.
- ALL BELOW GROUND POTABLE WATER PIPEWORK SHALL BE SUITABLE FOR CONTAMINATED GROUND AS PROTECTA-LINE POLYETHYLENE (FOR EQUAL AND APPROVED).
- ALL POLYETHYLENE TUBE AND FITTINGS SHALL BE INSTALLED FULLY IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND ELECTRO-FUSION WELDED.
- ALL NEW PIPEWORK TO BE STERILISED IN LINE WITH BS CP6700, SECTION 3 CLAUSE 13. FULLY FLUSHED OUT, WATER PURITY SAMPLES TAKEN AND RESULTS PROVIDED BY THE CONTRACTOR IN LINE WITH THE MECHANICAL SPECIFICATION.
- EACH AND EVERY WELD (BUTT OR ELECTRIC FUSION) SHALL BE RECORDED USING FUSION AUTOMATIC WELDING KIT LOGGER. COPIES DETAILING EACH WELD SHALL BE INCLUDED AS PART OF O/M MANUALS.
- ALL UNDERGROUND SERVICES ENTRIES TO THE BUILDING ARE VIA LONG-RADIUS BENDS - MAXIMUM RADIUS BEND TO BE CONFIRMED BY MANUFACTURER.
- REFERENCE SHALL BE MADE TO THE TOPOGRAPHICAL SURVEY DRAWING TO DETERMINE GROUND LEVELS AND THE EXTENT OF EXCAVATION FOR TRENCHING.
- IT SHALL BE THE RESPONSIBILITY OF THE MAIN CONTRACTOR TO IDENTIFY ALL EXISTING UNDERGROUND SERVICES AND THEIR ACTUAL POSITIONS ON THIS SITE. ANY SERVICES FOUND TO CONFLICT WITH THE NEW DEVELOPMENT SHALL BE ADDRESSED BY THE MAIN CONTRACTOR. SERVICES ARE TO BE REDIRECTED TO AVOID ANY WORKS THAT ARE TO BE CARRIED OUT ON THE SITE.
- ALL CABLES TO BE DUCTED UNDER HAND SIGNPOSTS AND MAINHOLES ARE REQUIRED FOR CHANGES IN DIRECTION.
- CABLES IN SOFT GROUND TO BE PROTECTED BY MARKER TAPE, CABLE TIES, AND MARKERS AS REQUIRED BY CPW SPECIFICATION.
- ALL ROUTES ARE TO BE COORDINATED WITH FINAL LANDSCAPE ARCHITECT'S PLAN AND SITE CONDITIONS.
- INCOMING SERVICES TO BE BURIED UNDERGROUND IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS.
- ALL ELECTRICAL DUCTING MUST BE CLEARLY MARKED AS 'ELECTRICITY CABLE DUCT', AND MUST ALSO SHOW THE MANUFACTURERS IDENTITY ON THE OUTSIDE SURFACE.
- ALL DUCTING SHOULD BE MARKED BY WHITE IDENTIFICATION.
- ALL DUCTING MUST NOT LOSE ITS MARKINGS THROUGH NORMAL HANDLING, STORAGE AND INSTALLATION.
- ALL DUCTING MUST BE INSTALLED WITH A DRAW CORD.
- CABLE WARNING TAPE MUST BE PROVIDED ABOVE EACH DUCT.
- ALL EXTERNAL SERVICES TO BE COORDINATED WITH THE EASEMENTS FOR THE SEWER/STORM DRAIN PIPEWORK AND TREE PROTECTION ZONES. THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR HIGHLIGHTING AND INDICATING THESE ZONES ON SITE TO THE SERVICES CONTRACTOR.
- ROOT DEFLECTORS TO BE INSTALLED WHERE DUCTS RUN UNDERNEATH TREE CANOPY.
- ALL ACCESS DRAW PITS TO BE CONSTRUCTED BY BUILDER TO STRUCTURAL ENGINEERS DETAILS.
- ALL ELECTRICAL ACCESS AND DRAW PIT COVERS TO BE CLEARLY IDENTIFIED AS ELECTRICAL CABLES.
- DEPTH OF SERVICES TRENCH IS TO BE CONFIRMED BY CONTRACTOR.
- CONTRACTOR TO ALLOW FOR ALL WORKS ASSOCIATED WITH OPENING TRENCH UP, MODIFYING SERVICES AS INDICATED AND MAKING GOOD.
- ALL TRENCHES TO BE FULLY PROTECTED DURING THE COURSE OF WORKS WITH SUITABLE BARRIERS.

STAGE 3

DUCT AND CHAMBER SIZES TO BE CONFIRMED AT NEXT STAGE

SERVICE	DESCRIPTION	DIAMETER OF DUCT / PIPE TWIN WALL DUCT	LEGEND
DNO (HV)	INCOMING HV TO SUBSTATION	BY DNO	
DNO (LV)	INCOMING LV	ØTBC mm	
OPENREACH	INCOMING DATA TO BLOCK	ØTBC mm	
EVC	EVC POWER AND COMMS (TWIN WALL DUCTS)	ØTBC mm MAIN RUNS ØTBC mm FINAL RUNS	
EXTERNAL SERVICES	EXTERNAL SERVICES DUCT FOR POWER AND LIGHTING	ØTBCmm to EXTERNAL LIGHTING	
WATER	INCOMING WATER SUPPLY TO BLOCK	ØTBC mm	
TEMPORARY LV SUPPLY	TEMPORARY LV SUPPLY FOR WELFARE ETC.	ØTBC mm	
TWIN EV CHARGING POINT (UNLESS NOTED)	FED FROM TAGGED FEEDER PILLAR NUMBER (X), 'S' DENOTES SINGLE EVC POINT		
EXTERNAL BIB TAP	EXTERNAL BIB TAP LOCATION		
WASH OUT CHAMBER	WASH OUT CHAMBER LOCATION		
CABLE CHAMBER	CABLE CHAMBER	ØTBC mm	

