

IDENTIFY SPALLING BEAM IN BASEMENT, REPAIR AS NECESSARY.

EXTENT OF WORKS TO BE CONFIRMED BY CLIENT PRIOR TO CONSTRUCTION

STRUCTURE REMAINS AS EXISTING

NOTE: TRIAL PIT REVEALED ADDITIONAL EXISTING DRAINAGE PIPE RUNNING INTO SIDE OF KNOWN PIPE. START POINT UNKNOWN.

REDUNDANT DRAINAGE Z1-C-007 OVERLAY

MH 1/59
CL 21.20
IL 21.48
500mm x 500mm DEEP CABLE TRENCH WITH OPEN MESH GALVANISED COVERS (TRENCH TO BE 225mm THICK, CONSTRUCTED WITH C32/40 REINFORCED CONCRETE)

215mm THK. COMMON BRICK LINING WALL SUPPORTING GROUND FLOOR SLAB. MINIMUM COMPRESSIVE STRENGTH OF 20N/mm² DURABILITY 'MN' AND WATER ABSORBANCY <23%

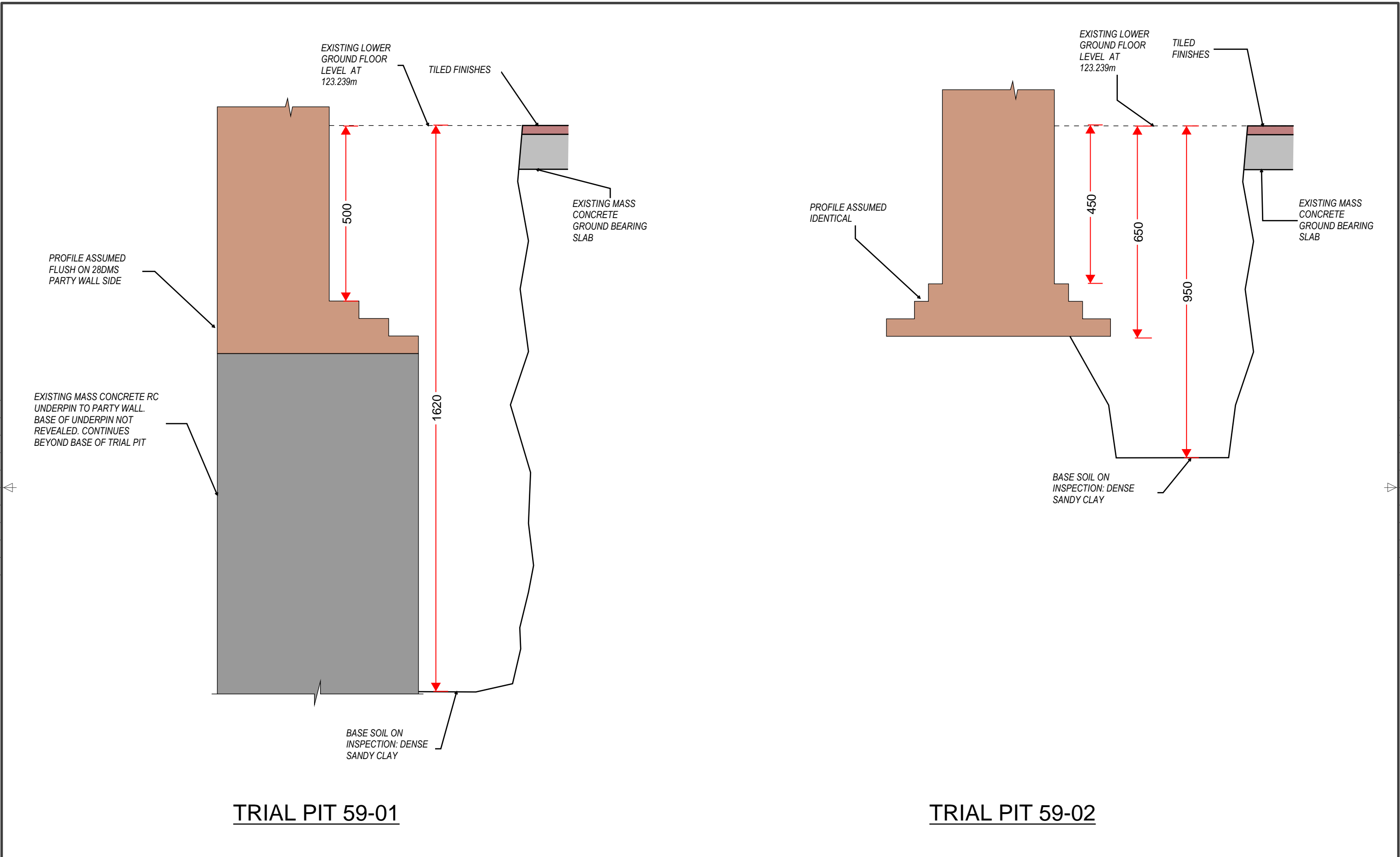
DUCTS FOR INCOMING UKPN MV CABLES AT HIGH LEVEL

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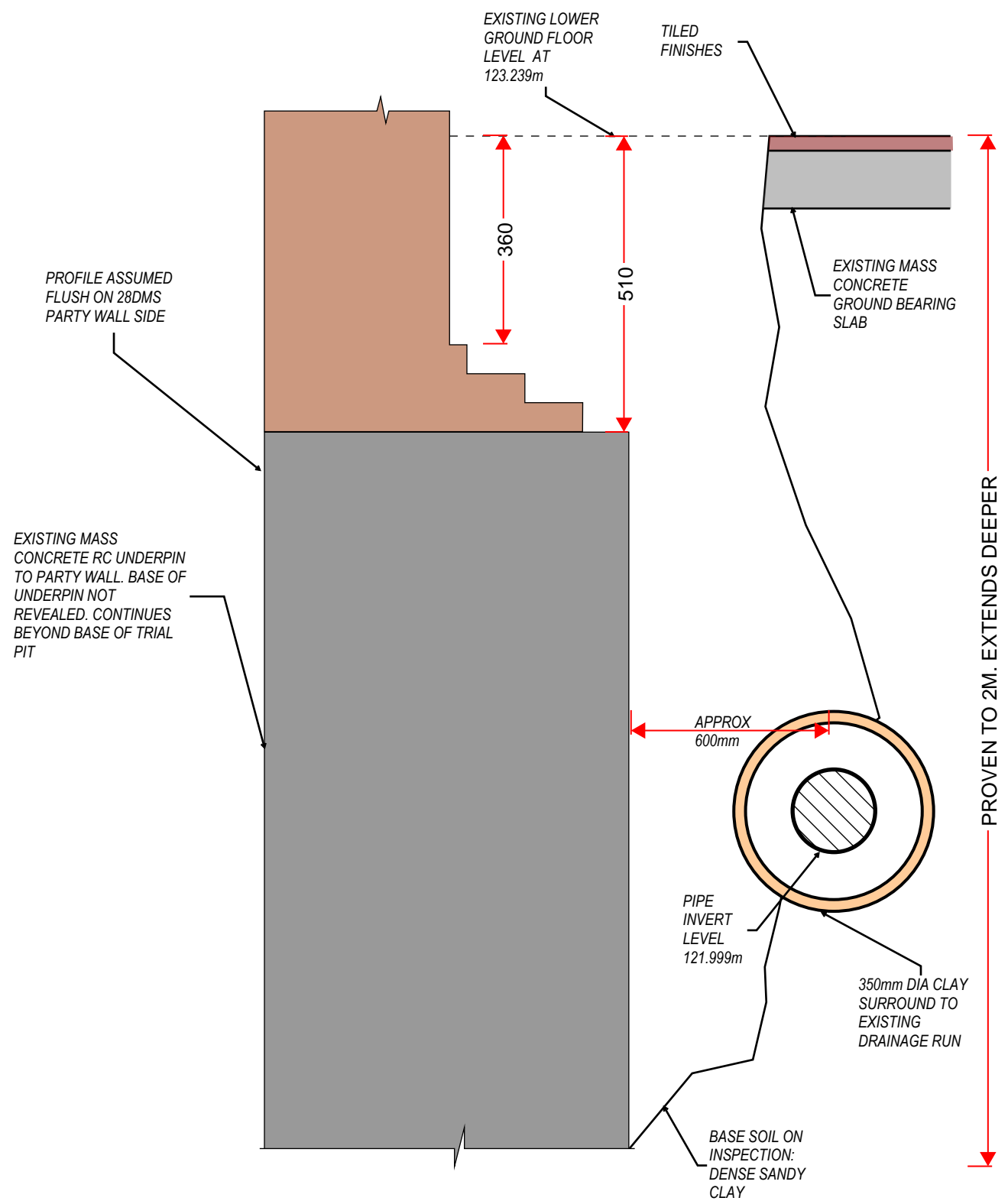
project name		ST. GILES ZONE 2	
sketch title		59 StGHS CORED DUCT BASEMENT PLAN	
project no		029	
sketch no		029-Z2-S-SK066 - 01	
date		12.08.2016	
rev		00	
by		SP (JB)	

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NOTES



project name		ST. GILES ZONE 2	
sketch title		59 StGHS CORED DUCT TRIAL PITS SHT 1	
date		12.08.2016	
project no	sketch no	rev	by
029	029-Z2-S-SK066 - 02	00	SP (JB)



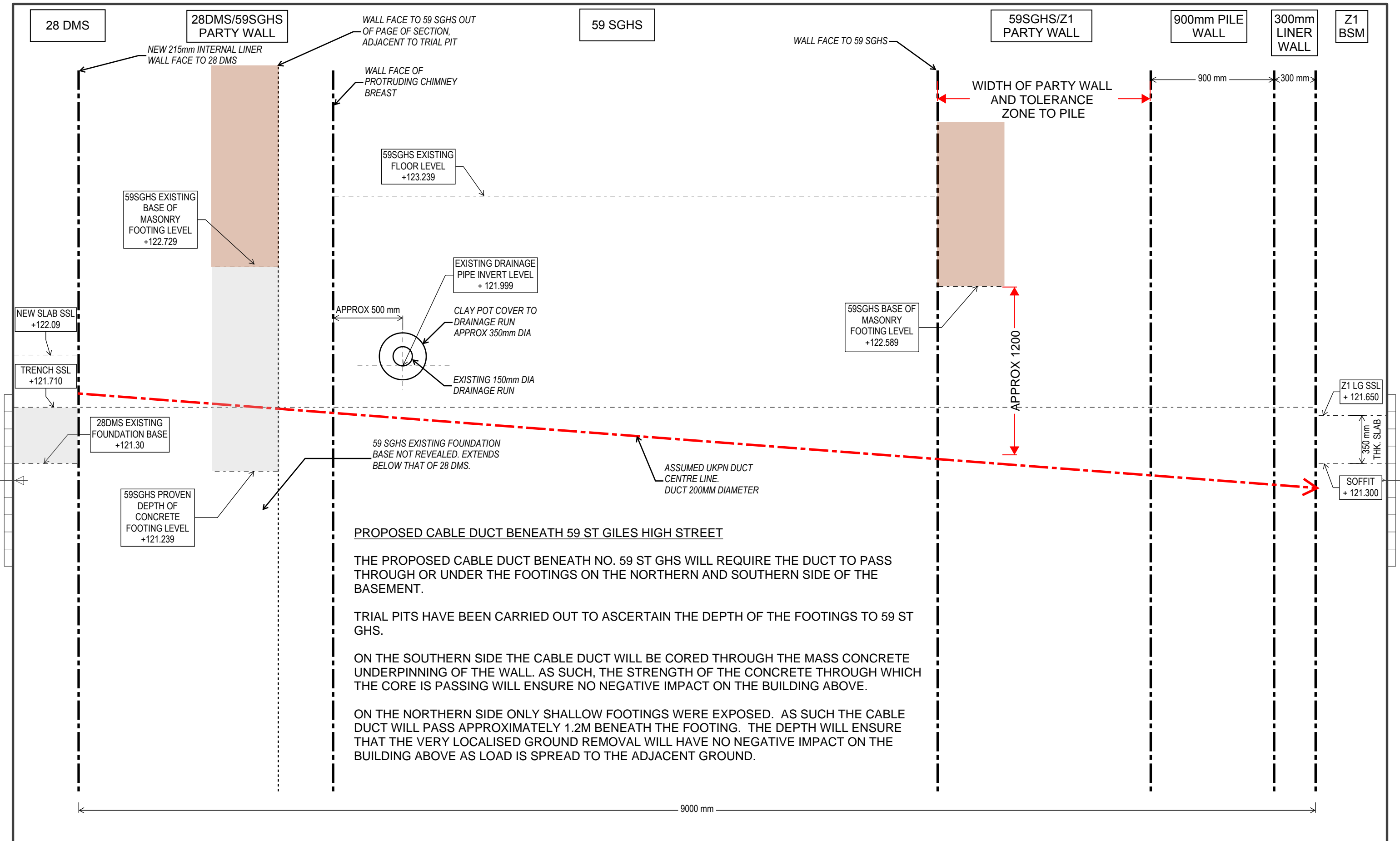
TRIAL PIT 59-03

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sketch title		59 StGHS CORED DUCT SHT 2	
project no		029	
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PROPOSED CABLE DUCT BENEATH 59 ST GILES HIGH STREET

THE PROPOSED CABLE DUCT BENEATH NO. 59 ST GHS WILL REQUIRE THE DUCT TO PASS THROUGH OR UNDER THE FOOTINGS ON THE NORTHERN AND SOUTHERN SIDE OF THE BASEMENT.

TRIAL PITS HAVE BEEN CARRIED OUT TO ASCERTAIN THE DEPTH OF THE FOOTINGS TO 59 ST GHS.

ON THE SOUTHERN SIDE THE CABLE DUCT WILL BE CORED THROUGH THE MASS CONCRETE UNDERPINNING OF THE WALL. AS SUCH, THE STRENGTH OF THE CONCRETE THROUGH WHICH THE CORE IS PASSING WILL ENSURE NO NEGATIVE IMPACT ON THE BUILDING ABOVE.

ON THE NORTHERN SIDE ONLY SHALLOW FOOTINGS WERE EXPOSED. AS SUCH THE CABLE DUCT WILL PASS APPROXIMATELY 1.2M BENEATH THE FOOTING. THE DEPTH WILL ENSURE THAT THE VERY LOCALISED GROUND REMOVAL WILL HAVE NO NEGATIVE IMPACT ON THE BUILDING ABOVE AS LOAD IS SPREAD TO THE ADJACENT GROUND.

NOTES

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project name		ST. GILES ZONE 2	
sketch title		59 StGHS CORED DUCT SECTION	
project no		029	
sketch no		029-Z2-S-SK066 - 04	
date		12.08.2016	
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