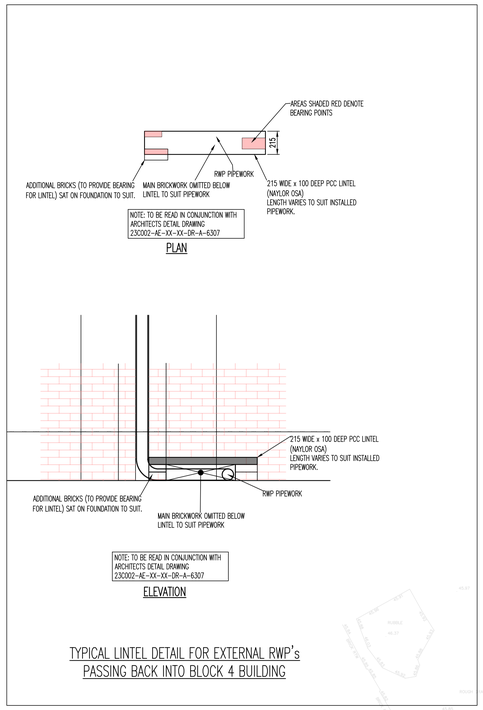



TYPICAL LINTEL DETAIL FOR EXTERNAL RWP's PASSING BACK INTO BLOCK 4 BUILDING


ACO REF (1)
ACO REF (2)
ACO REF (3)
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ACO REF (22)
ACO REF (23)
ACO REF (24)
SA (1)
SA (2)
SA (3)
SA (4)
SA (5)
SA (6)
FFL51.980
FFL51.330
FFL50.550
BLOCK 1
BLOCK 2
BLOCK 3
BLOCK 4
SHEET PILING
NOTE: ATTENUATION TANK SITS WITHIN TEMPORARY TENSAR GEOGRID EARTHWORKS ZONE. BACKFILLING OF AREA IMMEDIATELY BETWEEN TENSAR WALL AND BLOCK 1 BASEMENT WALL, MUST BE COMPLETED PRIOR TO EXCAVATION FOR ATTENUATION TANK, TO PREVENT COLLAPSE OF TENSAR WALL. SEE TENSAR PLAN DRAWING NUMBER TD/23/014/D2_Sh1 FOR TENSAR ZONE.
USE 225mm CORE FOR 150mm DIAMETER PIPE THROUGH GROUND BEAMS. OLD CORE/SLEEVE DOES NOT NEED TO BE INFILLED. SEE DETAIL ON 23C002-WSL-SI-XX-DR-D-92004 FOR FURTHER INFORMATION
NOTE: WHERE PIPE RUNS PASS THROUGH SHEET PILING, PROVIDE OVERSIZED UPVC DUCT TO ALLOW FINAL DRAIN INSTALLATION. SHEET PILING TO BE IN ACCORDANCE WITH WIEL TCs dwg 001 & 003 REV C02
NEW BACKDROP INTO CHAMBER @50.700m
EXISTING RUN BELOW SLAB FOOTING TO BE ABANDONED. SYSTEM INJECTED WITH CONCRETE FOLLOWING COMPLETION OF DIVERSION TO STABILISE FORMATION AND PREVENT SURCHARGE.
NEW 450mm DIA PPIC IL=50.750m TO CLEAR ADJACENT FOUNDATIONS. CHAMBER POSITIONED OUTSIDE THE EXTENTS OF THE EXISTING PILECAP TO ALLOW INSTALLATION. SLOW BEND INTO CHAMBER TO PROMOTE FLOW IN DOWNSTREAM DIRECTION.
EXISTING LEVEL & EXACT SETTING OUT OF INTERSECTION UNKNOWN. ASSUMED CIRCA 50.800m BUT TBC ON SITE. ROCKER PIPE AT JUNCTION BETWEEN SLAB EDGE & EXTERNALS. ENSURE FALL IS ACHIEVED TO NEW CHAMBER.
EXCAVATION ZONE SURROUNDING NEW EXCAVATION IS TO BE BACKFILLED WITH GEN 1 CONCRETE TO PROVIDE A STIFF SUB-BASE TO SLAB AND PROTECTION TO DRAINAGE PIPEWORK. ALL EXTERNAL PIPEWORK AT SHALLOW DEPTHS TO BE INSTALLED IN ACCORDANCE WITH WSL STANDARD DETAILS.
SURFACE FALLS FROM HIGHWAY BOUNDARY TO CARRIAGEWAY & FROM HIGHWAYWAY BOUNDARY TO BACK OF CAR PARKING SPACES
SURFACE FALLS FROM HIGHWAY BOUNDARY TO CARRIAGEWAY & FROM HIGHWAYWAY BOUNDARY TO BASEMENT
BURIED ONSTRUCTION ARE TO BE REMOVED TO INSTALL LARGE DIAMETER SW DRAINAGE PIPE
LINE DEVIATES UPWARDS CIRCA 5m FROM DRAINAGE MAIN FROM INSPECTION OF LATEST CCTV SURVEY
POSSIBLE INVERT LEVEL AT LATERAL SPUR OF 40.500m
CHAMBER 6002A FROM THE CCTV SURVEY. MANHOLE RECORD CARD INDICATES DEPTH OF 8.290m FROM CL OF 49.03, THEREFORE INVERT LEVEL OF 40.740m APPROX
ExCWMH09 CL 49.01 IL 40.740 (APPROX)
ExCWMH08 CL 50.56 IL 42.525 (APPROX)
CHAMBER ExCWMH08 (VERTICAL LANTERN LIGHT) CIRCA 8.035m DEEP FROM CL OF 50.56, THEREFORE INVERT OF 42.525m APPROX
FINAL ACCESS CHAMBER ARRANGEMENT REQUIREMENTS TO FACILITATE BORED CONSTRUCTION TO BE CONFIRMED BY SPECIALIST
FINAL CONNECTION PRESUMED TO BE VIA A BORED METHOD. INVERT LEVEL AND DISTANCE BETWEEN LAST ONSITE CHAMBER AND PUBLIC SEWER CONNECTION ARE SHOWN IN ACCORDANCE WITH SURVEY INFORMATION PROVIDED TO WATERMAN. SPECIALIST IS TO CONFIRM ACCEPTANCE OF SURVEY INFORMATION PROVIDED IN ADVANCE OF FORMING CONNECTION
APPROXIMATE LATERAL OFFSET BETWEEN CHAMBER AND BRICK SEWER TAKEN FROM CCTV FOOTAGE
UU7002 CCTV Deep Sonde CL - 52.075m DEPTH - 8.480m IL - 43.595m
JUNCTION CONNECTION ON EXISTING 500X750 SEWER. INVERT LEVEL, SIZE AND CONDITION SUBJECT TO PROVING
ACCURACY OF DEEP SONDE SURVEY TECHNIQUE IS TO BE ADVISED BY THE SURVEY SPECIALIST AND MANUFACTURER
LATERAL SPUR OBSERVED ON CCTV
UU6001 CL - 51.692m DEPTH - 8.985m IL - 42.705 E 364673.029 N399074.374
APPROXIMATE POSITION OF BRICK SEWER RUNNING UNDER ROCHDALE ROAD TAKEN FROM CHAMBER POSITIONS AND CCTV SURVEY FOOTAGE
APPROXIMATE LATERAL OFFSET BETWEEN CHAMBER AND BRICK SEWER TAKEN FROM CCTV FOOTAGE
POSITION OF CHAMBER UU7001 SHOULD BE TAKEN FROM SURVEY INFORMATION PROVIDED BY LANES FOR DRAINS
Ex CHAMBER/LAMP HOLE @19.37m FROM 7001
ExMH7 Not Found UU7102 CL 51.35 IL 50.147 (Assumed)
Not Found UU7103 CL 51.51 IL 50.11 (Assumed)
B2 IoF=50.730 UNO
SURVEY INFORMATION HAS BEEN PROVIDED TO WATERMAN FROM A THIRD PARTY, THEREFORE THE ACCURACY OF INTERPRETED INFORMATION IS AT THE CLIENTS RISK.
FLOOR GULLEYS IN ABEYANCE
2 No. FLOOR GULLY IN BASEMENT AREA. REQUIRE PUMPING. DESIGN BY OTHERS
NOTE: RWP/SVP INVERT LEVELS GIVEN AT PERIMETER OF BLOCK 1 ARE TO INVERT OF SLEEVES CAST THROUGH BASEMENT WALLS. DRAINAGE PIPES PASS THROUGH CENTRE OF SLEEVED OPENING.
Vent Point (VP001) position to be confirmed by Landscape Architect. Size is subject to manufacturers design but is typically 160mm pipe
Channel Drain Level 51.944. Outfall at higher level, though bin store exit, down into lower level bin store area, and back round to road. Pipe to run at lowest gradient possible. Channel drain to be specified to withstand HGV loading.
GROUND FLOOR FFL=51.980 WITH CAR PARK RAMP BELOW
GROUND FLOOR FFL=51.880 WITH CAR PARK RAMP BELOW
GROUND FLOOR FFL=51.550
GROUND FLOOR FFL=51.330
GROUND FLOOR FFL=51.780
BASEMENT FFL=48.900
BASEMENT FLOOR BELOW FFL=47.730
SHEET PILING
1.5m Step
1 in 80
1 in 12.5
Ramp 48.400 Pass over 150 RWP Bend@47.470
Ramp 47.100
Ramp 50.130
Ramp 51.000
Ramp 50.025
Ramp 50.550
Ramp 51.400
Ramp 51.330
Ramp 51.280
Ramp 51.290
Ramp 51.260
Ramp 51.235
Ramp 51.315
Ramp 51.266
Ramp 51.200
Ramp 51.300
Ramp 51.300
Ramp 51.300