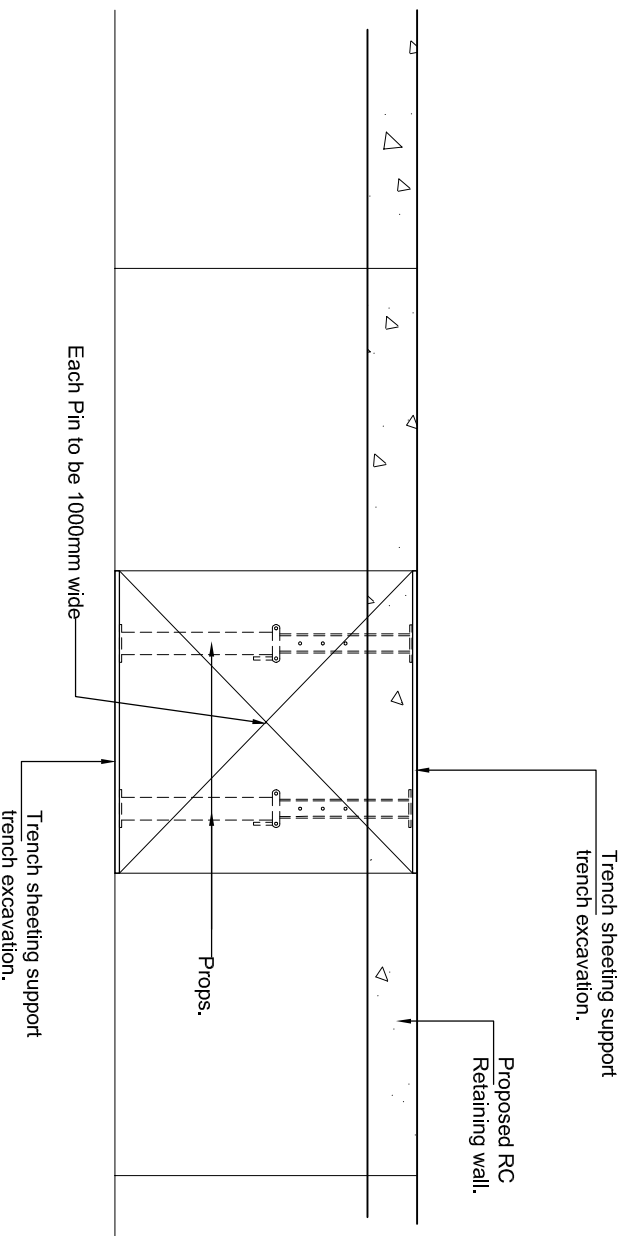
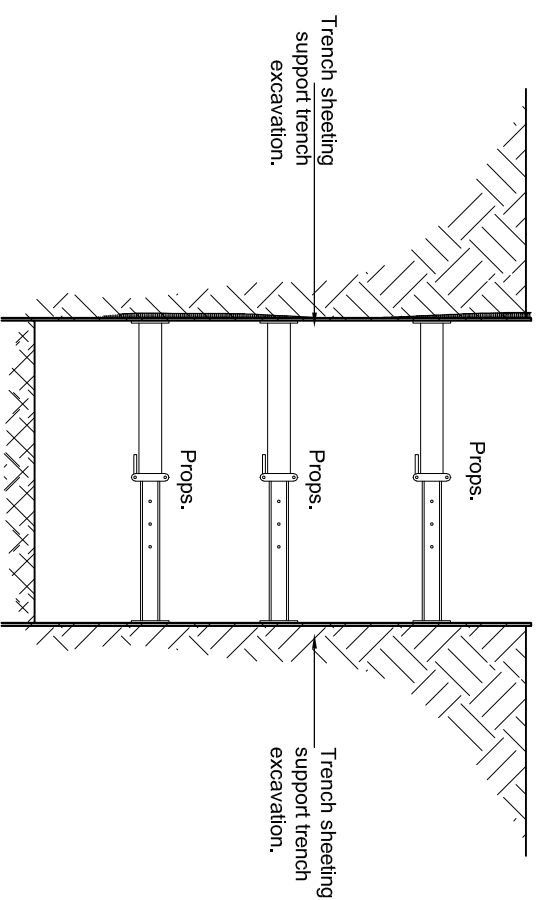


TEMPORARY WORKS PROPOSAL TO CONSTRUCT NEW R. C. BASEMENT CARDOK PIT AT 111 CRANFIELD GARDENS NW11



Plan of each Pin



Section Stage .1

CONSTRUCTION SEQUENCE

1. EXCAVATE IN NUMBERED SEQUENCE TO CONSTRUCT NEW R.C RETAINING WALL.
 2. STABILISED EXCAVATION WITH TRENCH SHEETING AND PROPS
- ALLOW FOR DEWATERING (LOCALLY PUMPING) OF TRENCH IF ANY WATER IN FOUND.

NOTES

- EXCAVATION FOR REINFORCED CONCRETE RETAINING WALLS**
1. WORKING IN STRIPS NOT EXCEEDING 1M LONG EXCAVATE TO REQUIRED DEPTH ADJACENT EXISTING STRUCTURE
 2. CAST NEW CONCRETE BASE AND ALLOW 24 HOURS TO CURE. STARTER BARS TO EXTEND 400 ABOVE BASE FOR LAPPING PURPOSES (SEE DETAILS FOR BAR SIZES)
 3. VERTICAL & HORIZONTAL REINFORCEMENT TO BE CONSTRUCTED IN ACCORDANCE WITH DESIGN INFORMATION AND ANY REINFORCEMENT SCHEDULES PROVIDED BY THE ENGINEER.
 4. SHUTTERING & PROPPING TO BE DESIGNED BY CONTRACTOR
 5. CAST NEW CONCRETE WALL ENSURING GROUND BEHIND NEW FOUNDATION & WALL IS FULLY BACKFILLED AND COMPACTED. CHECK AT REGULAR INTERVALS TO ENSURE THIS DURING CONSTRUCTION.
 6. NEVER EXCAVATE TWO ADJACENT STRIPS WITHOUT ALLOWING 3 DAYS BETWEEN OPERATIONS.
 7. WHEN ADJACENT SECTIONS ARE OPENED UP THE EXPOSED CONCRETE SURFACES SHOULD BE THOROUGHLY CLEANED OF ALL LOOSE MATERIAL & SCABBLED TO FORM A GOOD KEY.
 8. ALL REASONABLE CARE IS TO BE TAKEN TO PREVENT INJURIES TO PERSONS WORKING NEAR EXPOSED BARS ETC. (THREADED COPPLERS WOULD BE SUITABLE).
 9. ALL NEW CONCRETE BELOW GROUND TO BE SULPHATE RESISTING CEMENT CONC. GRADE 35.
 10. TRENCH PIT TO BE EXCAVATED TO CONFIRM EXISTENCE OF ANY EXISTING STRUCTURE.
 11. REINFORCEMENT SHALL BE TO BS-8110 WITH MAIN BARS TO BE GRADE 460 (HIGH YIELD).
 12. READY MIX CONCRETE MUST BE OBTAINED FROM A PLANT THAT HOLDS A CURRENT CERTIFICATE OF ACCREDITATION UNDER THE QUALITY SCHEME FOR READY MIX CONCRETE.
 13. NO CONCRETES TO BE PLACED WHEN THE AMBIENT AIR TEMPERATURE IS LESS THAN 5 DEGREES C.

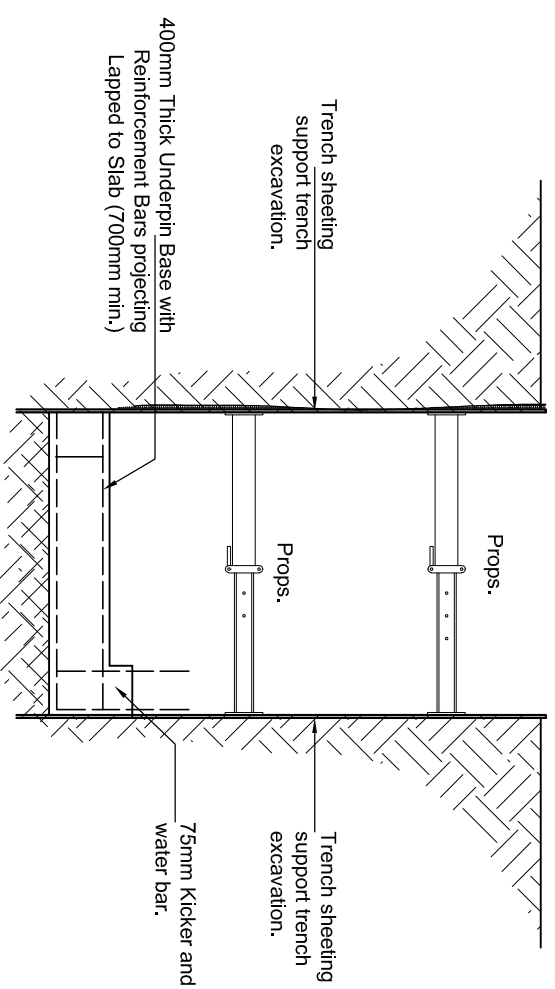
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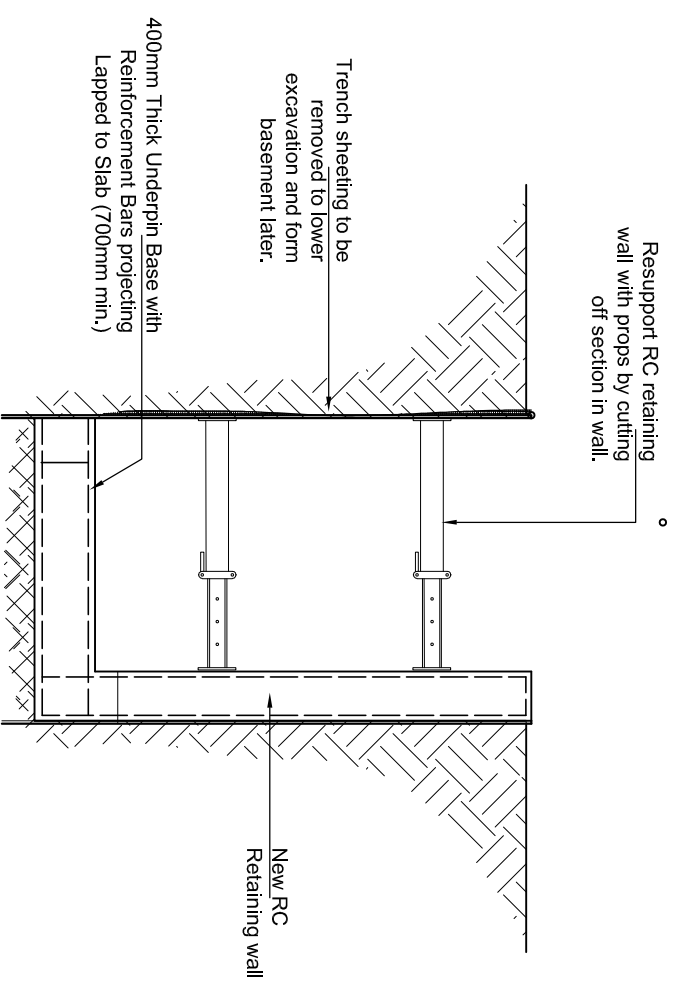
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Section Stage .2



Section Stage .3

3. CAST SECTION OF RC BASE WITH 75mm KICKER AND WATER BAR .
4. CAST SECTION OF RC RETAINING WALL
5. RESIN ANCHOR 800mm LONG H16 DOWEL BAR 400mm INTO EXISTING FOOTING IN EACH PIN AND THE PROJECTING 400mm CAST INTO RC RETAINING WALL

6. CONTINUE CONTINUE SEQUENCE UNTILL THE ENTIRE RETAINING WALL IS CONSTRUCTED. (EXCAVATE, PROPOSED AND RETAINING WALL CONSTRUCTION).

- EXCAVATION FOR REINFORCED CONCRETE RETAINING WALLS**
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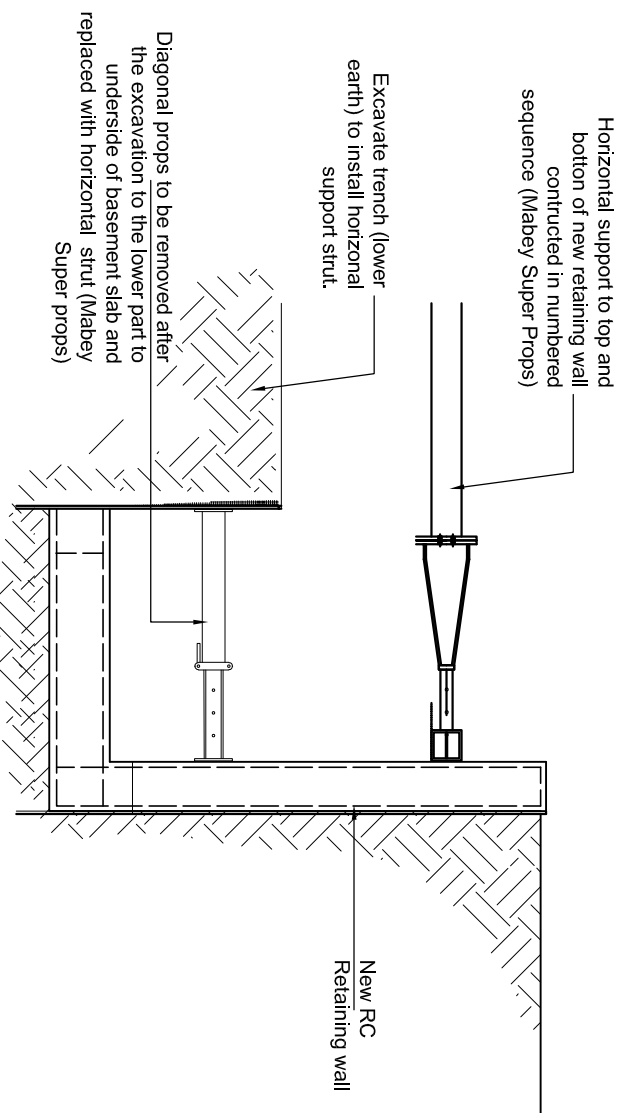
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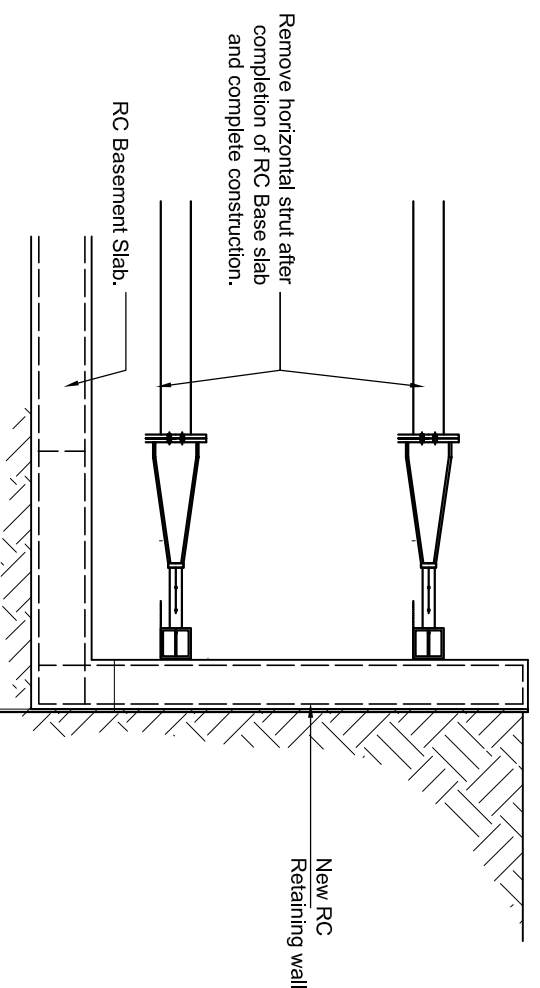
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Section Stage .4



Section Stage .5

7. EXCAVATE BY LOWERING THE EARTH IN TWO STAGE.
8. INSTALL HORIZONTAL SUPPORT (MABEY SUPER PROP) TO TOP R.C. RETAINING WALL
9. EXCAVATE THE REMAINING EARTH TO THE UNDERSIDE OF R.C. BASEMENT SLAB .
10. INSTALL HORIZONTAL SUPPORT (MABEY SUPER PROP) TO BOTTOM OF R.C. RETAINING WALL.
11. CAST SECTION OF R.C. BASEMENT SLAB.
12. REMOVE BOTTOM HORIZONTAL STRUT (MABEY SUPER PROP).
13. REMOVE TOP HORIZONTAL STRUT TO COMPLETE.

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