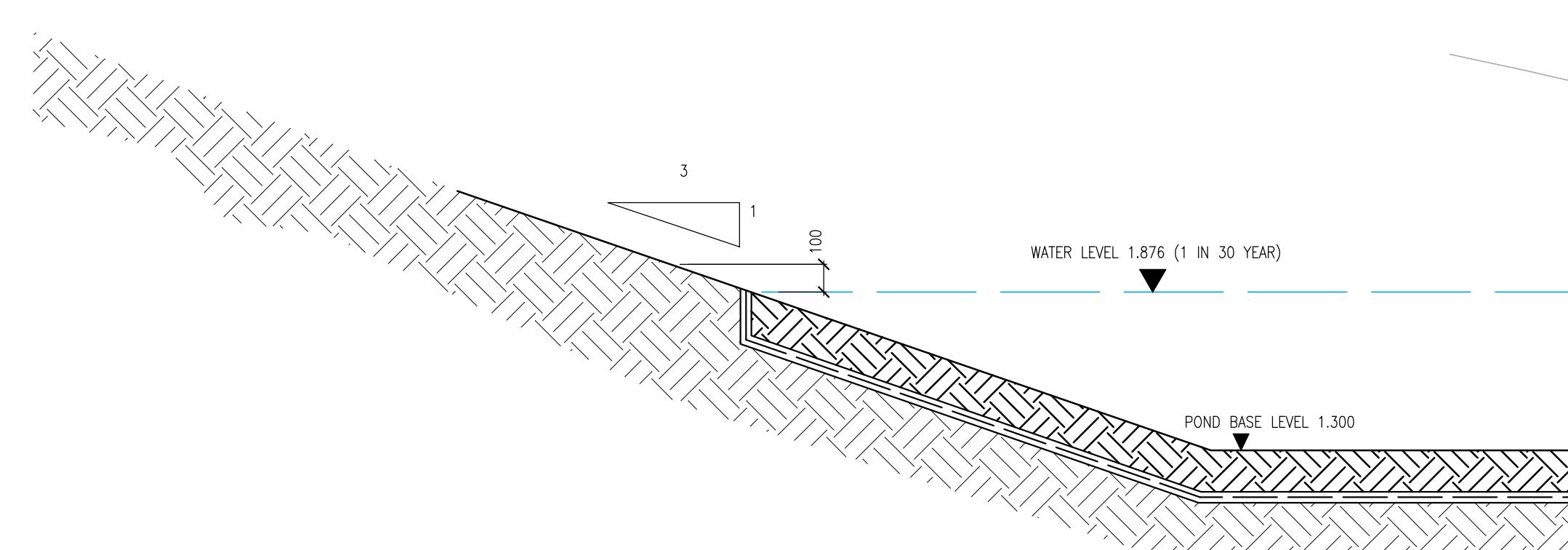


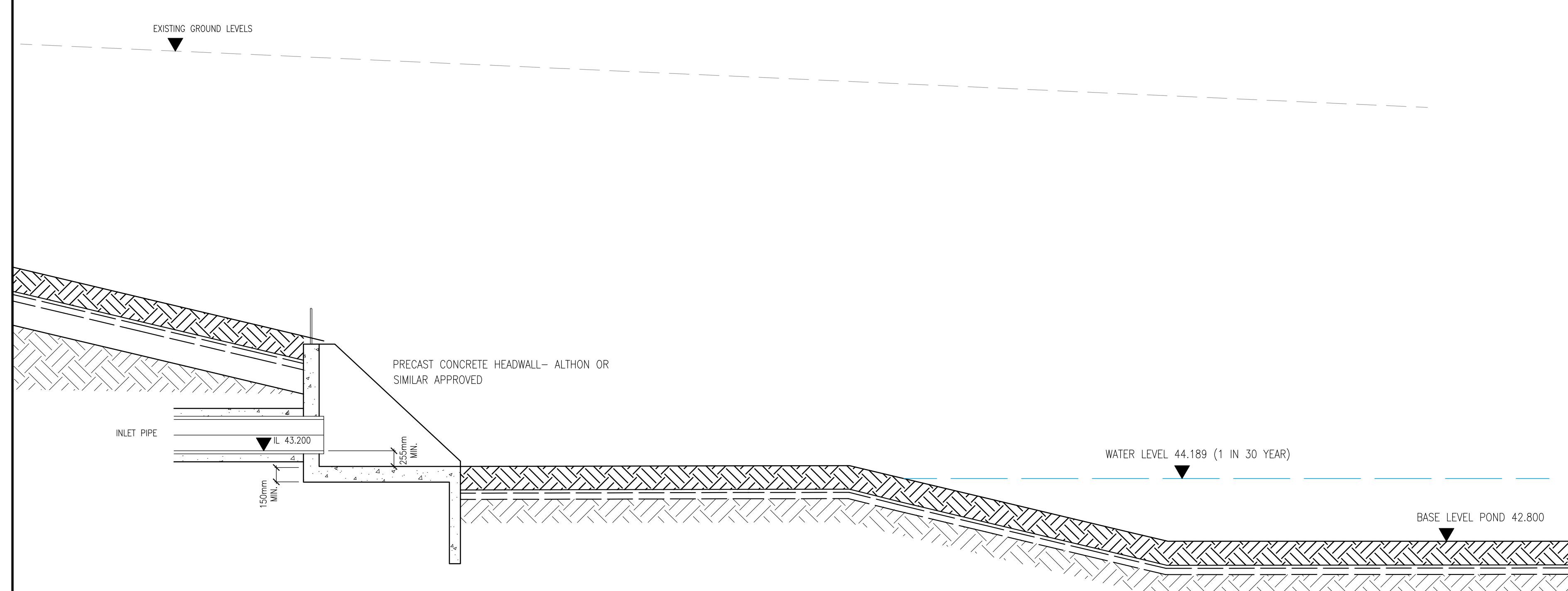
SECTIONS (POND 1)

SCALE 1:200 H &

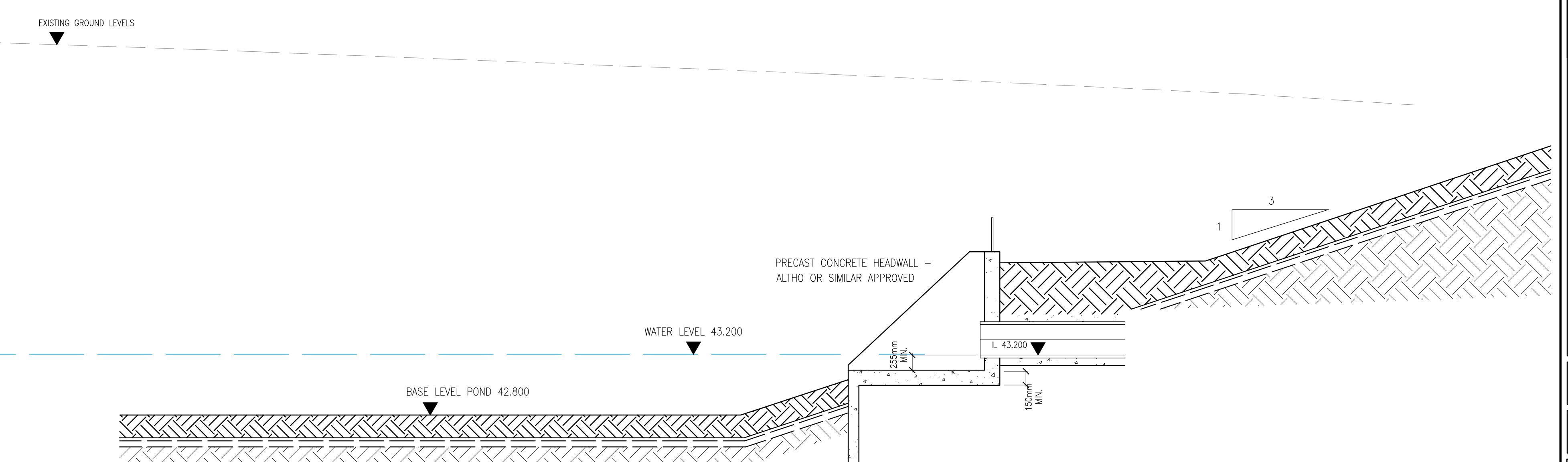


POND LINING DETAIL

POND LINING LIMITS DETAIL



INLET HEADWALL SECTION



OUTLET HEADWALL SECTION

NOTES

GENERAL NOTES :

ALL COYLE KENNEDY DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS DRAWINGS AND ALL OTHER RELEVANT DRAWINGS.

CONCRETE GRADE: CARPARK AREAS - 40N20, OTHER AREAS - 35N20, COLUMNS 35N10, UNLESS NOTED OTHERWISE.

ALL SETTING OUT AND INSULATION, DPC, SCREED AND RADON PROTECTION DETAILS BY ARCHITECT.

COVERAGE TO ALL REINFORCEMENT; - INTERNAL SURFACES - 25mm; EXTERNALLY EXPOSED SURFACES - 15mm; BELOW GROUND - 50mm COLUMNS - 35mm; ALL SURFACES EXPOSED IN CARPARKS - 40mm

DETAILED SPECIFICATIONS (CONTRACT DOCUMENTS) ARE AVAILABLE AT ENGINEERS OFFICE FOR INSPECTION CONTRACTORS, BY APPOINTMENT.

DETAILS OF SUBSTRUCTURE GAS/WATER PROOFING MEMBRANES TO BE BY A REPUTABLE, COMPETENTPLIER.

ALL SITE DEVELOPMENT WORKS SHOULD COMPLY WITH THE "RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS" PUBLISHED BY THE DEPARTMENT OF THE ENVIRONMENT.

THE CONTRACTOR SHALL BE DEEMED TO HAVE ALLOWED FOR, WITHIN HIS TENDER, EMPLOYING A REGISTERED STRUCTURAL ENGINEER WITH ADEQUATE PROFESSIONAL INDEMNITY INSURANCE TO ASSESS, DESIGN AND DETAIL SUCH TEMPORARY WORKS AS ARE NECESSARY TO OFFER SUPPORT TO EXISTING AND/OR STRUCTURED ELEMENTS DURING THE CONSTRUCTION PERIOD. THIS APPLIES TO ELEMENTS WITHIN THE SITE AND NEIGHBOURING THE SITE.

THE CONTRACTOR IS DEEMED TO HAVE VISITED THE SITE AND CONSULTED WITH RELEVANT AUTHORITIES AND SATISFIED IN RELATION TO THE SITES SURROUNDINGS, EXISTING SERVICES, LEVELS, BOUNDARIES, GROUND CHARACTERISTICS AND ANY OTHER SITE CONSTRAINTS.

ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS.

DO NOT SCALE

RAINAGE NOTES :

CONTRACTOR TO MAKE ALL NECESSARY ENQUIRIES REGARDING LOCATION OF EXISTING SEWERS, ELECTRICAL AND OTHER SERVICES ON SITE.

ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH PART H BUILDING REGULATIONS AND THE RELEVANT 'SEWERS FOR ADOPTION 6th EDITION' A DESIGN & CONSTRUCTION GUIDE FOR DEVELOPERS.

BEDDING MATERIAL TO BE 10mm SINGLE SIZED AGGREGATE COMPLYING WITH THE REQUIREMENTS OF 'AGGREGATES FOR CONCRETE'. FOR RIGID PIPES THE GRANULAR MATERIAL SHOULD CONFORM TO BS EN 12620 ANNEX B TABLE B AND SHOULD BE SINGLE SIZE MATERIAL OR GRADED MATERIAL FROM 5mm TO 10mm FOR 100mm PIPES; 14mm FOR 150mm PIPES; 20mm FOR 150mm - 600mm DIAMETER AND 30mm FOR PIPES MORE THAN 600mm DIAMETER.

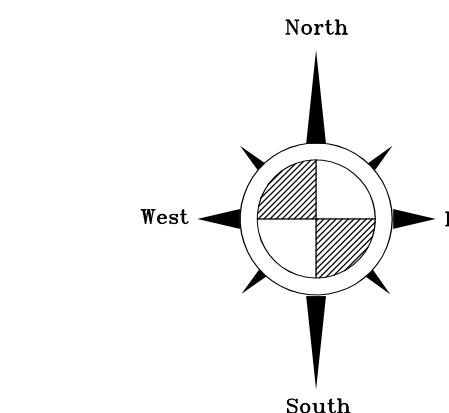
THE PREPARED UNDERBED OF THE TRENCH SHOULD CONSIST OF BEDDING MATERIAL FOR THE FULL LENGTH OF THE TRENCH AND LAID TO THE CORRECT GRADIENT. COMPACTION FRACTION MAXIMUM 0.3 FOR CLASS N OR B AND 0.15 FOR CLASS F

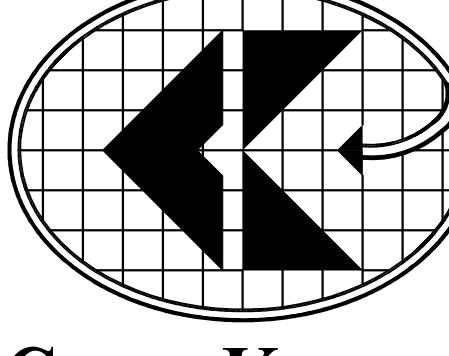
THE MINIMUM THICKNESS OF BEDDING MATERIAL UNDER THE BARREL OF THE PIPE SHOULD BE 100MM

IMPORTED BEDDING MATERIAL AND BACKFILL USING 'AS DUG MATERIAL' MUST BE APPROVED BY ENGINEER. BACKFILL WITH SELECTED OR GRANULAR FILL FREE FROM STONES LARGER THAN 40mm

ALL PVC-U PIPES AND FITTINGS USED FOR DRAIN AND SEWER MUST COMPLY WITH BS EN1401

ALL VITRIFIED CLAY RIGID PIPES & FITTINGS MUST COMPLY WITH BS EN295



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| ev. | Revision | Date | | |
| DRAWING STATUS | | | | |
| PRELIMINARY | A | APPROVAL | T | TENDER |
| CONSTRUCTION | R | RECORD | I | INFORMATION |
|  | | | | |
| <h1>COYLE KENNEDY</h1> <h2>Consulting Engineers</h2> | | | | |
| <p>Third Floor, GW Business Centre, Great West House, Great West Road, Brentford TW8 9DF, England</p> | | | | |
| Tel: +44(0)203 393 1174 Fax: +44(0)203 004 1234 | | | Website: www.coylekennedy.com email: mail@coylekennedy.com | |
| PROJECT BREAKSPEAR ROAD SOUTH, ICKENHAM | | | | |
| ENT ET PIPE FLANNERY'S | | | | |
| E POND DETAILS – POND 1 | | | | |
| OJECT No. 25-014 | | | STATUS – DRAWING No. P-312 | |
| E MARCH 2025 | | | | |
| ALE :200 @ A0 :142 @ A1 | | BY BK | DRAWING REV. SP - | |