

GENERAL NOTES

ENSURE MOWN HEIGHT OF GRASS (TURF) AREAS FINISHES FLUSH WITH PLAYING SURFACE.

ENSURE PARK ELEMENTS ARE LOCATED IN ACCORDANCE WITH DETAILED LANDSCAPE PLAN, AND SUBDIVISION AND DEVELOPMENT GUIDELINES.

ENSURE PARK ELEMENTS ARE CLEANED OF CONCRETE SLURRY OR SPRAY WHEN INSTALLED TO PREVENT STAINING OR DAMAGE TO APPLIED FINISHES.

REFER TO UMS 781 FOR TENNIS REBOUND WALL PLAN.

ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

NET LINE WALL.

N32 CONCRETE TOP FOOTING 1800x6000mm x 400mm DEEP. SL72 MESH (TOP) MIN. 50mm COVER

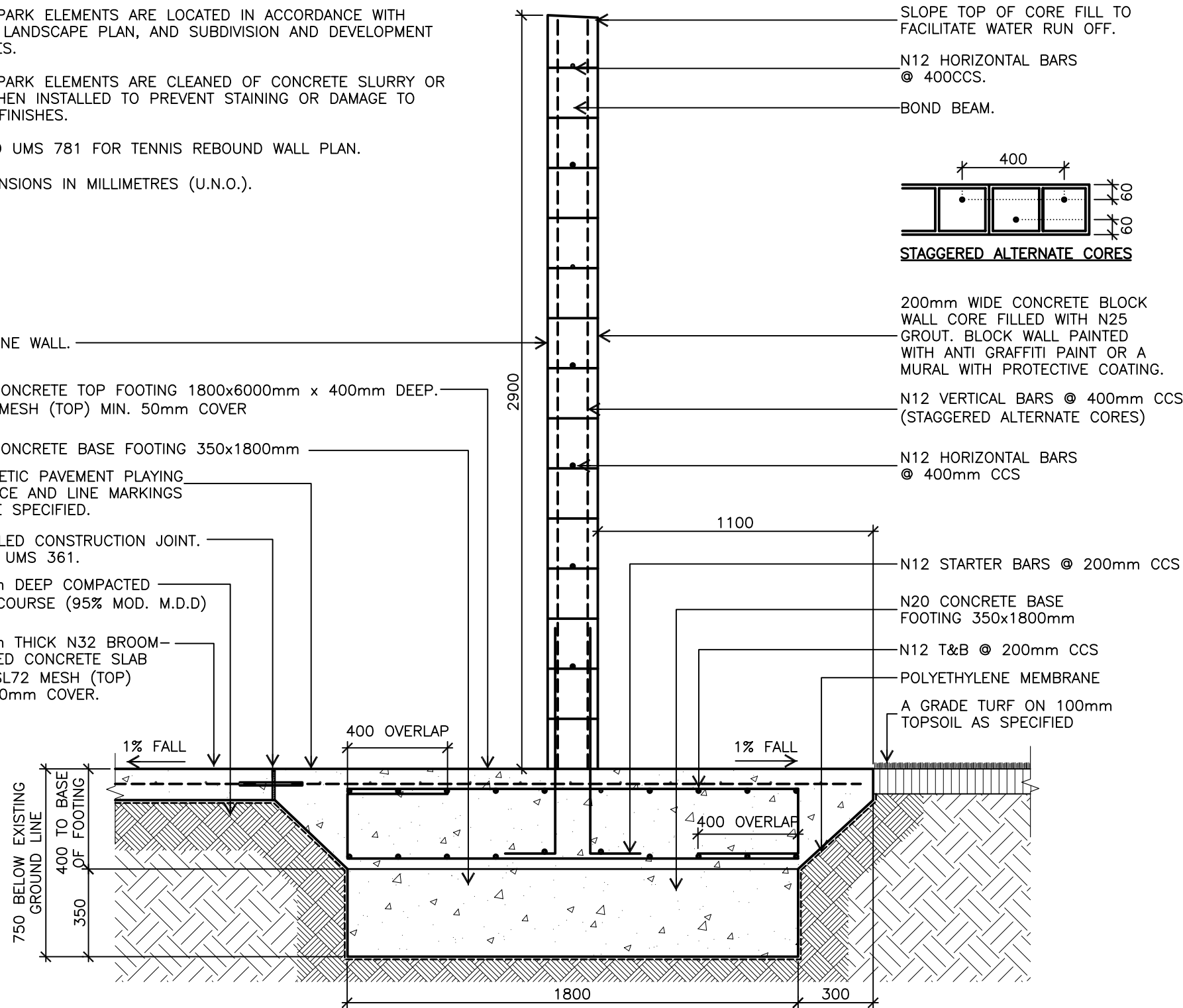
N20 CONCRETE BASE FOOTING 350x1800mm

SYNTHETIC PAVEMENT PLAYING SURFACE AND LINE MARKINGS WHERE SPECIFIED.

DOWELLED CONSTRUCTION JOINT. REFER UMS 361.

150mm DEEP COMPACTED BASE COURSE (95% MOD. M.D.D)

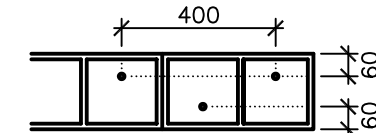
125mm THICK N32 BROOM-FINISHED CONCRETE SLAB WITH SL72 MESH (TOP) MIN. 50mm COVER.



SLOPE TOP OF CORE FILL TO FACILITATE WATER RUN OFF.

N12 HORIZONTAL BARS @ 400CCS.

BOND BEAM.



STAGGERED ALTERNATE CORES

200mm WIDE CONCRETE BLOCK WALL CORE FILLED WITH N25 GROUT. BLOCK WALL PAINTED WITH ANTI GRAFFITI PAINT OR A MURAL WITH PROTECTIVE COATING.

N12 VERTICAL BARS @ 400mm CCS (STAGGERED ALTERNATE CORES)

N12 HORIZONTAL BARS @ 400mm CCS

N12 STARTER BARS @ 200mm CCS

N20 CONCRETE BASE FOOTING 350x1800mm

N12 T&B @ 200mm CCS

POLYETHYLENE MEMBRANE

A GRADE TURF ON 100mm TOPSOIL AS SPECIFIED

TENNIS REBOUND WALL – SECTION
SCALE 1:20

SPECIFICATION

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL SPECIFICATIONS AND WITH APPROVED WRITTEN INSTRUCTIONS AS ISSUED.

DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.

STRUCTURAL CERTIFICATION REQUIRED BY STRUCTURAL ENGINEER.

FOUNDATIONS

FOOTINGS HAVE BEEN DESIGNED FOR A SAFE BEARING PRESSURE OF 50kPA FOUNDED ON UNDISTURBED RESIDUAL SOIL. FOUNDATION DESIGN MATERIAL SHALL BE APPROVED BY GEOTECHNICAL ENGINEER.

CONCRETE

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600.

REINFORCEMENT SYMBOLS:

R = STRUCTURAL PLAIN ROUND GRADE 250R TO AS4671.

N = DEFORMED BAR GRADE D500N TO AS4671.

SL = HARD DRAWN STEEL REINFORCING FABRIC GRADE D500L TO AS4671.

CONCRETE STRENGTHS FOR ALL ELEMENTS SHALL BE GRADE N32 U.N.O.

SLUMP SHALL BE 80mm. AGGREGATE SHALL BE 20mm.

MINIMUM CLEAR COVER TO REINFORCEMENT IS AS SHOWN ON DRAWINGS ALL EXPOSED CONCRETE SURFACES SHALL BE CURED USING TWO COATS OF PVA CURING COMPOUND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THE FIRST COAT SHALL BE APPLIED IMMEDIATELY AFTER THE CONCRETE HAS HARDENED. THE SECOND COAT SHALL BE APPLIED AS SOON AS FIRST COAT HAS DRIED.

MASONRY

ALL CONCRETE BLOCKWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH AS 3700-1988, "SAA MASONRY CODE".

BLOCKS SHALL BE STANDARD "H" TYPE HOLLOW "200" SERIES BLOCKS, HAVING A MINIMUM CHARACTERISTIC UNCONFINED COMPRESSIVE STRENGTH OF 15MPa, U.N.O.

GROUT FOR FILLING BLOCKWORK SHALL HAVE A MINIMUM CHARACTERISTIC COMPRESSIVE STRENGTH OF 20MPa AND A SLUMP OF 230mm. MAXIMUM AGGREGATE SIZE SHALL BE 10mm.

MORTAR FOR BLOCKWORK SHALL BE CLASSIFICATION M3 IN ACCORDANCE WITH AS 3700 (PROPORTIONS C1:L1:S6 TO C1:L0:S5). THE USE OF METHYL CALLUTOSE WATER THICKENERS IF REQUIRED, SHALL BE STRICTLY IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATIONS. RETARD MORTAR SHALL BE USED ONLY WITHIN THE PERIOD OF RETARDATION GUARANTEED BY THE MANUFACTURER.

PROVIDE CLEAN OUT BLOCKS TO ALL GROUTED CORES. CLEAN OUT MORTAR DROPPINGS AND ALL FOREIGN MATERIAL BY END OF EACH DAY'S WORK.

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
B	Surface Requirements Mod.	DL 05/07	BH 08/07	BH 08/07
A	ORIGINAL ISSUE	Dec '03	Jul '04	PC 09/04

DESIGN AUTHORIZED FOR ISSUE PAUL COTTON SIGNATURE ON ORIGINAL DATED 03/09/04	DESIGN	CITY DESIGN - L.A.	DATE	Dec '03
MANAGER INFRASTRUCTURE MANAGEMENT R.P.E.Q: 2566	DRAWN	CITY DESIGN - L.A.	DATE	Dec '03
DESIGN APPROVED	CHECKED	UMD - E&P (J.T.) and IMB (D.L. & G.M.)	DATE	Jun '04
LAUREN TEMPLEMAN SIGNATURE ON ORIGINAL DATED 31/08/04	DRAWING FILENAME	UMS 782.dwg		
PRINCIPAL PROGRAM OFFICER PARKS	ASSOCIATED PLANS	UMS 781		



BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION

TENNIS REBOUND WALL SECTION & NOTES

SCALE 1:20
DWG No. UMS 782
ORIGINAL SIZE A3 REVISION B