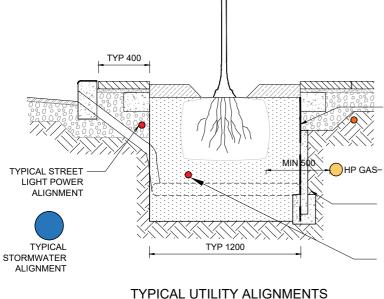
WORKING AROUND EXISTING UTILITIES AND ROOT BARRIERS

STREET TREE AND IRRIGATION DESIGN

A4



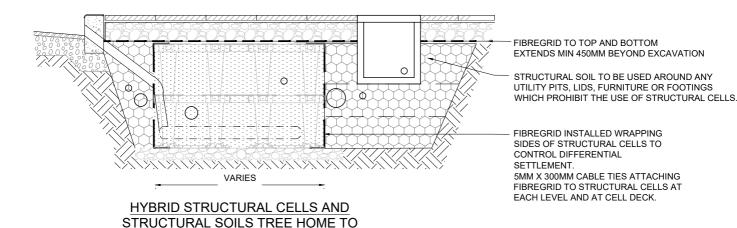
AND ROOT BARRIER ALIGNMENT

POLYETHYLENE SHEET ROOT BARRIER REQUIRED IF ROOTBALL IS LESS THAN 3m FROM HIGH PRESSURE GAS.

TREES NOT TO BE PLANTED WITHIN 0.5m OF HIGH PRESSURE GAS

CONCRETE PANEL AND POST ROOT BARRIER REQUIRED ONLY IF PROPOSED ROOTBALL IS LESS THAN 1m FROM HIGH PRESSURE GAS.

TREES MAY BE PLANTED CLOSER THAN 0.5m FROM UTILITIES (NOT INCLUDING HIGH PRESSURE GAS) UTILITY PROVIDERS' GUIDELINES TO BE FOLLOWED INCLUDING HAND EXCAVATION NEAR HV POWER UTILITIES WITHIN THE EXCAVATION TO BE WRAPPED IN GEOFABRIC PRIOR TO BACKFILL.



NOTES

- STRUCTURAL CELLS TO BE USED WHERE SPATIALLY POSSIBLE. STRUCTURAL CELLS MAY BE USED IN COMBINATION TO ACCOMMODATE SERVICE PITS, LIDS, **FURNITURE FOOTINGS ETC**
- REFER TO SPECIFICATION SECTION 702 06 WORKING AROUND EXISTING LITH ITIES AND INFRASTRUCTURE

ACCOMODATE EXISTING UTILITIES

- OFFSETS FROM UTILITIES ARE MEASURED FROM THE OUTSIDE OF THE PIPE/CONDUIT TO THE EDGE OF ROOTBALL AT INSTALLATION (VARIES APPROX Ø600).
- CONSULTANTS AND CONTRACTORS ARE TO OBSERVE THE WESTERN AUSTRALIAN UTILITY PROVIDERS CODE OF PRACTICE AND ALL UTILITY PROVIDERS OWN INSTRUCTIONS FOR WORKING NEAR THEIR ASSETS.
- DIAL BEFORE YOU DIG AND UNDERGROUND SERVICE INVESTIGATIONS TO BE COMPLETED PRIOR TO COMMENCING WORKS ON SITE. POT-HOLING IS USUALLY NECESSARY TO CONFIRM ALIGNMENTS OF SERVICES PRIOR TO EXCAVATION.
- WORKING NEAR HIGH PRESSURE GAS: (NOTE ATCO'S REQUIREMENTS ARE SUBJECT TO CHANGE. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING COMPLIANCE AT TIME OF WORKS)
- ATCO APPROVAL AND SPOTTER REQUIRED ON SITE FOR ANY EXCAVATIONS OR PLANTINGS WITHIN 3m OF A HIGH PRESSURE GAS LINE. 6 1 6.2
- NO PLANTING TREES WITHIN 0.5m OF HIGH PRESSURE GAS.
- IF PLANTING WITHIN 0.5m-1m OF HIGH PRESSURE GAS, A RIGID ROOT BARRIER IS REQUIRED. REFER TO ATCO GUIDELINES IF PLANTING 1-3m FROM HIGH PRESSURE GAS. SHEET STYLE ROOT BARRIER IS REQUIRED, REFER TO ATCO GUIDELINES
- NOTE, STRUCTURAL CELLS AND STRUCTURAL SOILS CAN AND SHOULD BE INSTALLED AROUND EXISTING UTILITIES TO MAXIMISE TREE PLANTINGS AND SOIL VOLUMES.
- EXCAVATIONS WITHIN 500mm OF WESTERN POWER ASSETS TO BE CARRIED OUT BY HAND.
- REPORT ANY HAZARDOUS UTILITIES OR CONDITIONS TO THE SITE SUPERVISOR, UTILITY OWNER AND AND CITY'S REPRESENTATIVE IMMEDIATELY.



DISCLAIMER:
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RESPONSIBILITY OF THE USER TO ENSURE THAT THAT DESIGN AND CONSTRUCTION NOTE HAS NO FURTHER
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