# ALBANY HEALTH CAMPUS - RADIATION ONCOLOGY

#### GENERAL NOTES

G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR DECISION BEFORE PROCEEDING WITH THE WORK.

G2. ALL DIMENSIONS TO BE CHECKED & CONFIRMED ON SITE.

G3. ALL CODES REFERENCED ARE TO BE THE LATEST ISSUE AS AMENDED.

G4. ALL FINISHED SURFACE LEVELS ARE TO A.H.D.

G5. ALL SITE SETOUT EXCLUDING FINISHED PAVEMENT LEVELS & STORMWATER DRAINAGE TO ARCHITECTS DRAWINGS. ANY DISCREPANCIES TO BE REPORTED TO SUPERINTENDENT.

G6. THIS DRAWING IS BASED ON SURVEY INFORMATION PROVIDED BY THE CLIENT'S SURVEYOR. THE CONTRACTOR'S SURVEYOR SHALL OBTAIN DIGITAL SETOUT CONTROL POINTS FROM THE CLIENT'S SURVEYOR. THE CONTRACTOR'S SURVEYOR MUST CONFIRM DIMENSIONS AND SCALE ON THE DRAWINGS PRIOR TO SETTING OUT ANY WORKS ON SITE. ANY DISCREPANCIES ARE TO BE REPORTED TO THE SUPERINTENDENT FOR CONFIRMATION OR RESOLUTION PRIOR TO PROCEEDING WITH THE WORKS.

G7. ALL PROPRIETARY PRODUCTS SPECIFIED SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS & REQUIREMENTS. LIAISE WITH THE MANUFACTURER AT ALL TIMES TO ENSURE ITEMS ARE INSTALLED CORRECTLY AND TO SUIT SITE CONDITIONS.

ALL PRODUCTS TO BE SUPPLIED TO SITE COMPLETE TO ALLOW FULL INSTALLATION.

G8. THE BUILDER SHALL PROVIDE A TRAFFIC MANAGEMENT PLAN FOR THE WORKS TO THE APPROVAL OF THE LOCAL AUTHORITY.

#### **EXISTING SERVICES**

S1. ALL EXISTING (INTERNAL & STREET) & PROPOSED SERVICES SHOWN ARE INDICATIVE. CONTRACTOR TO DETERMINE THE ACTUAL LOCATION & DEPTH OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION & PROTECT AT ALL TIMES. ANY SERVICE'S LOCATION OR DEPTH FOUND TO BE CONTRARY TO THE DRAWINGS WHICH CAUSES ISSUES OR CLASHES WITH THE CIVIL DESIGN TO BE BROUGHT TO THE ATTENTION OF THE SUPERINTENDENT PRIOR TO COMMENCING WORKS.

S2. EXISTING SERVICES SHOWN IN THE ROAD RESERVE ARE PLOTTED FROM DIAL-BEFORE-YOU-DIG INFORMATION. SERVICES ARE INDICATED AS A GUIDE ONLY AND THE COMPLETENESS OF INFORMATION CANNOT BE GUARANTEED. DUE TO THE NATURE OF SOME SERVICES, IT IS EXTREMELY DIFFICULT TO CONFIRM THE LOCATION AND OR DEPTH OF SERVICE WITHOUT ON-SITE EXPLORATION & DETECTION.

S3. THE CONTRACTOR SHALL AT ALL TIMES HAVE CURRENT ONE-CALL INFORMATION FOR THE SITE AVAILABLE FOR REVIEW.

S4. AT ALL TIMES WHERE WORKING IN CLOSE PROXIMITY TO AN EXISTING PROPRIETARY SERVICE, THE CONTRACTOR SHALL COMPLETE WORKS STRICTLY IN ACCORDANCE WITH THE RELEVANT SERVICE PROVIDER'S SPECIFICATIONS AND REQUIREMENTS. SERVICES MAY INCLUDE BUT ARE NOT LIMITED TO TELSTRA, OPTUS OR AMCOM TELECOMMUNICATIONS, WATER CORPORATION SEWER AND WATER SERVICES. ATCO GAS MAINS. WESTERN POWER SERVICES & MUNICIPAL SERVICES.

THE CONTRACTOR IS RESPONSIBLE AT ALL TIMES FOR THE PROTECTION OF THESE SERVICES DURING CONSTRUCTION OF THE WORKS IN ACCORDANCE WITH THE RELEVANT SERVICE PROVIDER'S SPECIFICATIONS AND REQUIREMENTS. THESE OBLIGATIONS MAY INCLUDE BUT ARE NOT LIMITED TO ACCURATE POT HOLING AND NON-DESTRUCTIVE HAND LOCATION OF THE SERVICES BY ACCREDITED LOCATORS, MAINTAINING MINIMUM CLEARANCES, PARTICULAR COMPACTION METHODOLOGIES AND RESTRICTION ON TRAFFICKING OVER SERVICES DURING CONSTRUCTION. THE CONTRACTOR SHALL LIAISE WITH THE SERVICE PROVIDERS AT ALL TIMES AS PART OF THE DUTY OF CARE.

S5. CONTRACTOR TO ALLOW FOR ANY EXISTING SERVICE PITS LOCATED WITHIN PROPOSED WORKS TO BE ADJUSTED TO SUIT NEW LEVELS AND CONVERT LIDS TO HEAVY DUTY TRAFFICABLE AS REQUIRED.

# CIVIL DRAWING SCHEDULE

C100 CIVIL STANDARD NOTES

C105 EXISTING SERVICES PLAN

C110 BULK EARTHWORKS PLAN & SECTION

C120 STORMWATER DRAINAGE

C130 SITE PLAN & LEVELS

C140 LINE MARKING & SIGNAGE

C150 STANDARD DETAILS - STORMWATER DRAINAGE

C151 STANDARD DETAILS - ROADWORKS

#### FARTHWORKS NOTES

E1. ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION AND AUSTRALIAN STANDARD A.S. 3798 GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.

E2. THESE DRAWING SHALL BE READ IN CONJUNCTION WITH ATC WILLIAMS GEOTECHNICAL REPORT No 120056.01LR01.

THE FOLLOWING IS AN EXCERPT OF THE REPORT. THE SUBSURFACE CONDITIONS AT THE SITE COMPRISED: TOPSOIL: A THIN LAYER OF LOOSE, FINE AND MEDIUM, BLACK SAND WITH TRACE SILT AND GRASS ROOTS WAS ENCOUNTERED IN ALL TEST PITS ACROSS THE SITE TO DEPTHS OF 0.1m

UNCONTROLLED FILL: A LAYER OF DENSE TO VERY DENSE FILL MATERIAL WAS ENCOUNTERED BENEATH THE TOPSOIL IN ALL TEST PITS ACROSS THE SITE. THE FILL MATERIAL COMPRISED BROWN/PALE GREY SAND AND SANDY GRAVEL WITH BUILDING RUBBLE (E.G. BROKEN AND FULL BRICKS AND TILES PRESENT IN ALL TEST PITS TO THEIR FULL EXPLORATION DEPTHS OF

BETWEEN 0.7m (TP5) AND 1.4m (TP2). EVIDENCE OF PAST CONCRETE FOOTINGS WAS NOTED ON THE SIDES OF TP2 AT A DEPTH OF 0.6m.

ROCK/LATERITE: THE PRESENCE OF ORANGE BROWN ROCK/LATERITE WAS VISUALLY CONFIRMED AT THE BASE OF ALL TEST PITS EXCEPT TP2. GROUNDWATER: GROUNDWATER WAS NOT ENCOUNTERED DURING THE INVESTIGATION.

E3. CONTRACTOR TO MAINTAIN STRICT DUST CONTROL MEASURES AT ALL TIMES, CONTRACTOR TO SUBMIT DUST MANAGEMENT PLAN FOR A SITE CLASSIFICATION 4 IN ACCORDANCE WITH DEPARTMENT OF ENVIRONMENT "A GUIDELINE FOR THE PREVENTION OF DUST AND SMOKE POLLUTION FROM LAND DEVELOPMENT SITES IN WESTERN AUSTRALIA". ALL CONTROL MEASURES INCLUDING WIND FENCING ARE TO BE INCLUDED IN TENDER.

E4. DESIGNATED EXISTING SITE TREES & VEGETATION AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS TO BE REMOVED FROM SITE TO AN APPROVED DISPOSAL SITE IN ACCORDANCE WITH EPA & LOCAL COUNCIL REQUIREMENTS PRIOR TO EARTHWORKS COMMENCING. NO BURNING TO BE CARRIED OUT. ANY TOPSOIL (TYPICALLY 100mm), ORGANIC AND DELETERIOUS MATERIAL INCLUDING TREE ROOTS SHALL BE REMOVED PRIOR TO PROOF ROLLING AND/OR PLACEMENT OF ADDITIONAL FILL.

ALL EXISTING STREET TREES TO BE MAINTAINED & PROTECTED AT ALL TIMES UNLESS NOTED OTHERWISE.

E5. SITE PREPARATION AND COMPACTION TO BE IN ACCORDANCE WITH THE SPECIFICATION & GEOTECHNICAL REPORT. CONTRACTOR TO ALLOW FOR PROOF ROLLING OF SUBGRADE TO ACHIEVE 95% SMDD.

E6. CONTRACTOR IS TO ALLOW FOR IMPORTING & EXPORTING OF ADDITIONAL SAND FILL FOR FINAL HARD & SOFT LANDSCAPING DURING FINAL TRIMMING OF THE SITE. REFER ARCHITECTS DRAWINGS FOR LOCATIONS & LEVELS.

E7. CONTRACTOR TO ALLOW FOR THE REMOVAL OF ALL RUBBISH AND UNCONTROLLED FILL FROM SITE TO AN APPROVED DISPOSAL SITE.

E8. MAXIMUM BATTER SLOPE FOR TEMPORARY EXCAVATIONS 1 IN 2. MAXIMUM BATTER SLOPES AT FINISHED SURFACE LEVELS 1 IN 6 WITHOUT GROUND STABILISATION.

E9. UNLESS OTHERWISE APPROVED BY THE ENGINEER, NO EXCAVATION SHALL BE CARRIED OUT CLOSER TO FOOTINGS, SERVICES OR OTHER BELOW GROUND STRUCTURES THAN A LINE EXTENDING DOWN FROM THEIR EDGE AT 45°.

E10. ANY EXCAVATED CLEAN SANDS TO BE STOCKPILED FOR RE-USE AS STRUCTURAL FILL. CONTRACTOR TO ENSURE IT IS FREE OF TOPSOIL, ORGANIC & DELETERIOUS MATTER.

E11. PARTICULAR CARE TO BE TAKEN TO ENSURE COMPACTION IS ACHIEVED AT THE LOCATIONS WHERE TREES OR REDUNDANT BELOW GROUND STRUCTURES ARE REMOVED.

E12. ALTHOUGH NOT ENCOUNTERED DURING THE INVESTIGATION IT IS POSSIBLE THAT ROADWORKS COULD OCCUR IN THE SOUTHERN PORTION OF THE SITE CLOSER TO DIPROSE CRESCENT ON CLAYEY SOILS. IF ENCOUNTERED. THESE SOILS ARE NOT LIKELY TO BE CONDUCIVE TO INFILTRATION AND WILL DRAIN POORLY DURING THE WETTER TIMES OF THE YEAR. THIS COULD RESULT IN SATURATED CONDITIONS THAT MAY INHIBIT PREPARATION AND COMPACTION OF THE SUBGRADE. THE CONTRACTOR SHALL ALLOW FOR PRACTICES SUITABLE FOR WORKS IN THE WINTER PERIOD AS NECESSARY TO ENSURE ACCEPTABLE WORKMANSHIP.

COMPACTION AND TRAFFICKING OF CLAYEY AREAS MUST NOT BE ATTEMPTED WHEN WET, IT WILL BE NECESSARY TO ALLOW THE AREA TO DRY OUT OR TRIM OFF WET MATERIAL BACK TO COMPETENT, DRIER SUBGRADE, ANY ATTEMPT TO TRAFFIC OR COMPACT WET CLAYEY SOILS IS LIKELY TO RESULT IN SOIL DISTURBANCE AND SIGNIFICANT SOFTENING OF THE CLAYEY SOILS.

E14. ANY EXCAVATIONS INTO THE EXISTING GROUND FOR REMOVAL OF REDUNDANT STRUCTURES, FOOTINGS, SERVICES AND THE LIKE TO BE BACKFILLED WITH IN-SITU MATERIALS. CONTRACTOR TO ENSURE INSITU CLAYS, GRAVELS & SILTY MATERIALS ARE APPROPRIATELY MOISTURE CONDITIONED AND PREPARED TO ENSURE ADEQUATE COMPACTION AND WORKMANSHIP.

E15. PROOF COMPACT ANY EXPOSED SURFACES TO IDENTIFY AND IMPROVE ANY WEAK AREAS. ANY SOFT OR WEAK AREAS NOT RESPONDING TO COMPACTION SHOULD BE REMOVED AND REPLACED WITH A SIMILAR CLAYEY MATERIAL TO MATCH INSITU, OR LEAN MIX CONCRETE. IN ROAD PAVEMENT AREAS, BACKFILL WITH LIMESTONE ROAD BASE IS ACCEPTABLE. WHERE OVER-EXCAVATIONS OCCUR TO REMOVAL UNSUITABLE MATERIAL, THE CONTRACTOR SHALL ALLOW 48 HOURS NOTICE FOR THE SUPERINTENDENT TO ADVISE IF A GROUND SURVEY IS REQUIRED TO QUANTIFY THE OVER EXCAVATED MATERIAL

SHOULD MATERIALS BECOME WET AND SOFTEN, THESE WILL ALSO REQUIRE REMOVAL AND REPLACEMENT UNDER NO CIRCUMSTANCE IS SAND FILL AN ACCEPTABLE REPLACEMENT

E16. MAINTAIN ALL NATURAL SOIL IN A DRY CONDITION. SHAPE AND BATTER GROUND TO FALL AWAY FROM BUILDINGS. WHERE CLAY OR CLAYEY SOILS ARE EXPOSED DURING THE WORKS, THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT THE SITE AND PREVENT SOFTENING OF THE SOILS DUE TO WATER OR MOISTURE INGRESS AND PONDING INCLUDING, BUT NOT LIMITED TO THE PROVISION OF

BLUE METAL DRAINS

BACKFILL MATERIAL.

 TEMPORARY SUMPS AND CUT-OFF DRAINS AND GRADING OF THE SURFACE AWAY TO ALLOW FLOW AWAY FROM THE AREA OF THE WORKS.

 SAND BAGGING THE BUILDER SHALL ALLOW TO BACKFILL AND MAKE GOOD ALL TEMPORARY DRAINS REQUIRED FOR PREPARATION OF SUBGRADE.

## STORMWATER DRAINAGE NOTES

D1. ALL PRECAST COMPONENTS TO BE TO LOCAL AUTHORITY SPECIFICATION.

D2. REINFORCED CONCRETE PIPES SHALL BE FIRST-QUALITY DEFECT FREE PIPES CONFORMING TO AS 4058 AND AMENDMENTS THEREOF, AND SHALL BE CLASS 2 UNLESS SHOWN OTHERWISE. PIPES SHALL BE SOCKETED WITH SOCKETS SUITABLE FOR RUBBER RING JOINTS. PIPES SHALL BE INSPECTED FOR DEFECTS PRIOR TO INSTALLATION, AND DEFECTIVE PIPES SHALL BE DISCARDED.

D3. GULLY PITS, ACCESS CHAMBERS AND SIDE ENTRY PITS SHALL BE HUMES OR SIMILAR APPROVED PRECAST REINFORCED CONCRETE FIRST QUALITY DEFECT FREE WELL LINERS TO SIZES & DIMENSIONS AS SHOWN ON THE DRAWINGS.

UNLESS NOTED OTHERWISE, STANDARD LINER SIZES SHALL BE IN ACCORDANCE WITH THE TABLE BELOW.

PIPE SIZE	LINER SIZE		
φ300 - φ450	Ø1050		
φ600	Ø1200		

WHERE MULTIPLE PIPE CONNECTIONS ARE REQUIRED, A MINIMUM OF 40% OF THE LINER IN ANY HORIZONTAL PLANE SHALL BE PROVIDED.

D4. ALL PRECAST DRAINAGE CHAMBER LIDS SHALL BE DESIGNED TO SUIT THE LOAD RATINGS SPECIFIED IN ACCORDANCE WITH A.S. 3996.

ALL GRATE OR GULLY PIT LIDS SHALL BE RAISED 100mm FROM THE CONCRETE SURROUND AND BE SET AT A GRADE TO MATCH THAT OF THE SURROUNDING PAVEMENT OR FINISHED SURFACE PROFILE.

D5. ANY STORMWATER GRATE TO BE LOCATED OUTSIDE OF THE ROAD OR CARPARK SURFACE OR IN PEDESTRIAN AREAS SHALL BE FINISHED WITH AN APPROPRIATE GRATE WITH APERTURE OPENINGS NO GREATER THAN 20mm.

D6. PROVIDE STANDARD STEP IRONS OR LADDERS FOR ANY DRAINAGE STRUCTURE DEEPER THAN 1.0m IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS.

D7. WHERE HYDRAULIC ROOF DRAINAGE SYSTEMS ARE TO CONNECT TO CIVIL DRAINAGE SYSTEMS, ALL DOWN PIPES AND IN-GROUND PIPED CONNECTIONS SHALL BE CONNECTED AS SOON AS THE ROOF IS SEALED. TO PROVIDE APPROPRIATE PROTECTION TO THE SUBGRADE. THIS MAY REQUIRE THE INSTALLATION OF TEMPORARY ABOVE GROUND SYSTEMS.

D8. ALL DISTURBED OR UNCOMPACTED GROUND SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY A.S. 1289 TEST 5.2.1.

D9. MAKE GOOD CONNECTIONS TO ALL PIPEWORK ENTERING MANHOLE, GULLY PIT OR SIDE ENTRY PIT. CONTRACTOR TO CUT LINERS TO ENSURE MINIMUM GAP BETWEEN LINER & PIPE. PIPES TO BE FINISHED FLUSH WITH INSIDE OF LINER AND SEALED WITH MORTAR OR APPROVED

ANY REINFORCEMENT EXPOSED IN PIPES OR LINERS TO BE TREATED WITH SIKATOP 110EC TO THE MANUFACTURERS SPECIFICATIONS.

D10. CEMENT MORTAR SHALL BE ONE PART CEMENT AND THREE PARTS FINE AGGREGATE, THOROUGHLY MIXED WITH THE MINIMUM AMOUNT OF WATER TO RENDER THE MIX WORKABLE.

D11. DRAINAGE PIPES Ø150 TO Ø225 SHALL BE MINIMUM CLASS uPVC

D12. SLOTTED SUBSOIL DRAINAGE PIPES SHALL BE MINIMUM CLASS uPVC SN8 IN ACCORDANCE WITH A.S. 2439. SLOT CONFIGURATIONS TO BE EQUALLY SPACED AROUND THE CIRCUMFERENCE TO A.S. 2439. MINIMUM 1500mm2 SLOTS PER LINEAR METER OF PIPE.

### TYPICAL DRAINAGE LEGEND

GRATED GULLY PIT



ACCESS CHAMBER / JUNCTION PIT



SIDE ENTRY PIT



**SOAKWELL** 

BUBBLE-UP PIT



PRECAST HEADWALL TO SUIT PIPE / CULVERT



FULLY MORTARED STONE PITCHING

------ PROPOSED STORMWATER DRAINAGE PIPE

---- EXISTING STORMWATER DRAINAGE PIPE

## ROADWORKS NOTES

R1. ALL KERBS TO BE SEMI-MOUNTABLE PROFILE UNLESS NOTED OTHERWISE. WHERE KERB OCCURS ON RADII LESS THAN 40m OR ON ISLANDS, KERBS SHALL BE KEYED TO DETAIL.

R2. KERB CONTRACTION JOINTS SHALL BE PROVIDED AT 2.5m INTERVALS, EXPANSION JOINTS AT 5m INTERVALS, EXPANSION JOINTS SHALL ALSO BE PROVIDED TO COINCIDE WITH ANY FORMED CONSTRUCTION JOINT AND ANY DRAINAGE CHAMBER LID OR GULLY.

R3. CONCRETE FOR EXTRUDED KERBING & BOLLARD FOOTINGS SHALL BE 32 MPa AT 28 DAYS.

R4. CONCRETE FOR MASS INFILL OF TRAFFIC AND OR PEDESTRIAN ISLANDS SHALL BE 20 MPa AT 28 DAYS. EXPANSION & TOOL JOINTS SHALL BE PROVIDED IN SLABS TO MATCH ADJACENT KERBING. A BOND BREAKER SHALL BE PROVIDED BETWEEN THE BACK OF KERB & MASS CONCRETE INFILL.

R5. ALL TRAFFICABLE CONCRETE PAVING SHALL BE 40 MPa UNLESS NOTED OTHERWISE.

R6. ALL KERBING AND PAVEMENTS WHERE MEETING EXISTING PAVEMENTS SHALL BLEND SMOOTHLY. SAW CUT EXISTING PAVEMENT AND MAKE GOOD AS REQUIRED.

R7. AGGREGATE FOR PRIMING SHALL 7mm NOMINAL SIZE. ASPHALT AGGREGATE FOR CARPARK PAVEMENTS SHALL BE 7mm ALL AGGREGATE USED SHALL BE GRANITE.

R8. THE CONTRACTOR SHALL ALLOW FOR A WATER CART TO BE AVAILABLE ON SITE AT THE TIME OF FINAL INSPECTION TO FLOOD TEST THE COMPLETED PAVEMENT.

R9. ALL PRAM RAMPS SHALL BE IN ACCORDANCE WITH A.S. 1428.1.

R10. WHEEL STOP INSTALLATION DISTANCES TO BE IN ACCORDANCE WITH A.S.2890.1. REFER TABLE BELOW:

PARKING DIRECTION	WHEEL STOP DISTANCE TO FRONT OF PARKING SPACE				
	PARKING TO KERB <150 HIGH		PARKING TO KERB > 150 HIGH OR WALL		
	WHEEL STOP HEIGHT		WHEEL STOP HEIGHT		
	90	100	90	100	
FRONT -IN	630	620	830	820	
REAR -IN	910	900	1110	1100	

#### LINE MARKING & SIGNAGE NOTES

L1. ALL LINE MARKING AND SIGNAGE IN THE ROAD RESERVE TO BE APPROVED AND INSTALLED BY MAIN ROADS W.A. ONLY. THE CONTRACTOR SHALL MAINTAIN THE ROAD IN A SAFE MANNER AT ALL TIMES. PROVIDE TEMPORARY TRAFFIC MANAGEMENT, LINE MARKING, SIGNAGE AND THE LIKE AS REQUIRED OR DIRECTED BY THE SUPERINTENDENT. ROAD PAVEMENTS TO BE SWEPT AND SPOTTED BY THE CONTRACTOR

PRIOR TO MAIN ROADS INSTALLING LINE MARKING AND SIGNAGE.

L2. ALL ON-SITE PARKING BAY & ROAD LINEMARKING TO BE 100mm WIDE UNLESS NOTED OTHERWISE. ALL GIVE WAY & STOP LINES TO BE 300mm WIDE UNLESS NOTED OTHERWISE.

L3. DISABLED PARKING BAYS & SHARED ZONES SHALL BE LINE MARKED & SIGNED STRICTLY IN ACCORDANCE WITH A.S. 2890.6.

L4. ZONES FOR FIRE TENDER ACCESS AT EXTERNAL HYDRANTS AND BOOSTER CABINETS SHALL BE LINE MARKED AND SIGNED STRICTLY IN ACCORDANCE WITH DEPARTMENT OF FIRE & EMERGENCY SERVICES GUIDELINE GL-11.

L5. PAVEMENT LETTERING AND NUMERALS SHALL BE AS DETAILED IN FIGURE 7.5 OF AS 1742.1.

L6. PAVEMENT ARROWS SHALL COMPLY WITH DETAILS ILLUSTRATED IN FIGURE 7.6 OF AS 1742.1.

L7. WHERE SIGNS ARE PROPOSED IN HARD LANDSCAPED ISLANDS OR VERGES, PROVIDE A Ø100 PVC SLEEVE FOR SIGN INSTALLATION. L8. ALL SIGN SIZES SHALL BE AS SPECIFIED IN ACCORDANCE WITH A.S.

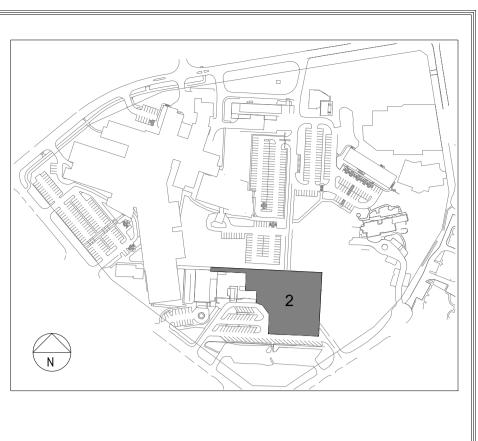
1742.1. ALL SIGNS SHALL BE CLASS 2 REFLECTORISED UNLESS NOTED

L9. ALL SIGNS SHALL BE SET 2100mm HIGH FROM FINISHED SURFACE LEVEL TO UNDERSIDE OF SIGN EXCEPT KEEP LEFT SIGNS LOCATED IN ROAD MEDIAN ISLANDS.

OTHERWISE.

L10. SELECTED PAINT SHALL BE IN ACCORDANCE WITH MAIN ROADS WA. SPECIFICATIONS & INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. PAINT APPLICATION TO NEW ASPHALT SHALL BE TO PROGRAMMED TO ENSURE MANUFACTURERS WARRANTY IS MAINTAINED.

L11. WHERE PAINT IS TO BE APPLIED TO BITUMINOUS COURSES, PAVEMENT MARKINGS SHALL NOT BE APPLIED WITHIN 14 DAYS OF COMPLETION OF THE WEARING COURSE. WHERE THE ROAD IS REQUIRED TO BE OPENED TO TRAFFIC PRIOR TO APPLICATION OF PERMANENT LINE MARKING, THE CONTRACTOR SHALL ALLOW FOR APPLICATION OF TEMPORARY LINE MARKING & SIGNAGE ACCEPTABLE TO THE SUPERINTENDENT. PERMANENT MARKINGS SHALL BE APPLIED OVER THE TEMPORARY MARKINGS AFTER THE 14 DAY PERIOD.



NO	DATE	AMENDMENT	CHECKED
0	22.01.21	ISSUED FOR TENDER	TB
	•		

# **TENDER**



peter hunt architect

Architect

8 Colin Grove, West Perth, WA 6005 Tel: (08) 9322 6033	pha@peterhunt.com.au
BPA Engineering	Structural / Civil
460 Roberts Road, Subiaco, WA 6008 Tel: (08) 9382 8008	pscott@bpaeng.com.au tbroadwood@bpaeng.com.au
SG&K	Mechanical / Medical Gases
9 Alvan Street, Mount Lawley, WA 6050 Tel: (08) 9389 8393	paulm@sgk.com.au
ETC	Electrical
61 Loftus Street, Leederville, WA 6007 Tel: (08) 9328 5500	rmilburn@etcpl.com.au
Jacobs	Hydraulics / Fire
Level 11, 263 Adelaide Terrace, WA 6000 Tel: (08) 9469 5480	david.belcastro@jacobs.com
Four Landscape Studio	Landscaping
11/34 Eighth Avenue, Maylands, WA, 6051 Tel: (08) 9286 4900	andrew@fourls.com.au
Milestone Certifiers	BCA Compliance
3/1 The Esplanade, Mount Pleasant, Perth, WA 6153 Tel: (08) 9330 7476	richarda@milestonebc.com.au

### Albany Health Campus - Radiation **Oncology Service** MAIN WORKS

30 Warden Avenue SPENCER PARK, WA, 6330 CIVIL GENERAL NOTES

DRAWN	AD	DESIGNED			
CHECKED	PS			$\left(\begin{array}{c} \\ \\ \\ \end{array}\right)$	
APPROVED					
SCALE @ A1	N.A.	DATE 10/20	20	DRAWING No.	REV.
DoF PROJ No	14606	TENDER FILE	No. 2020/04278	C100	U

THIS IS A CAD DRAWING - DO NOT AMEND MANUALLY