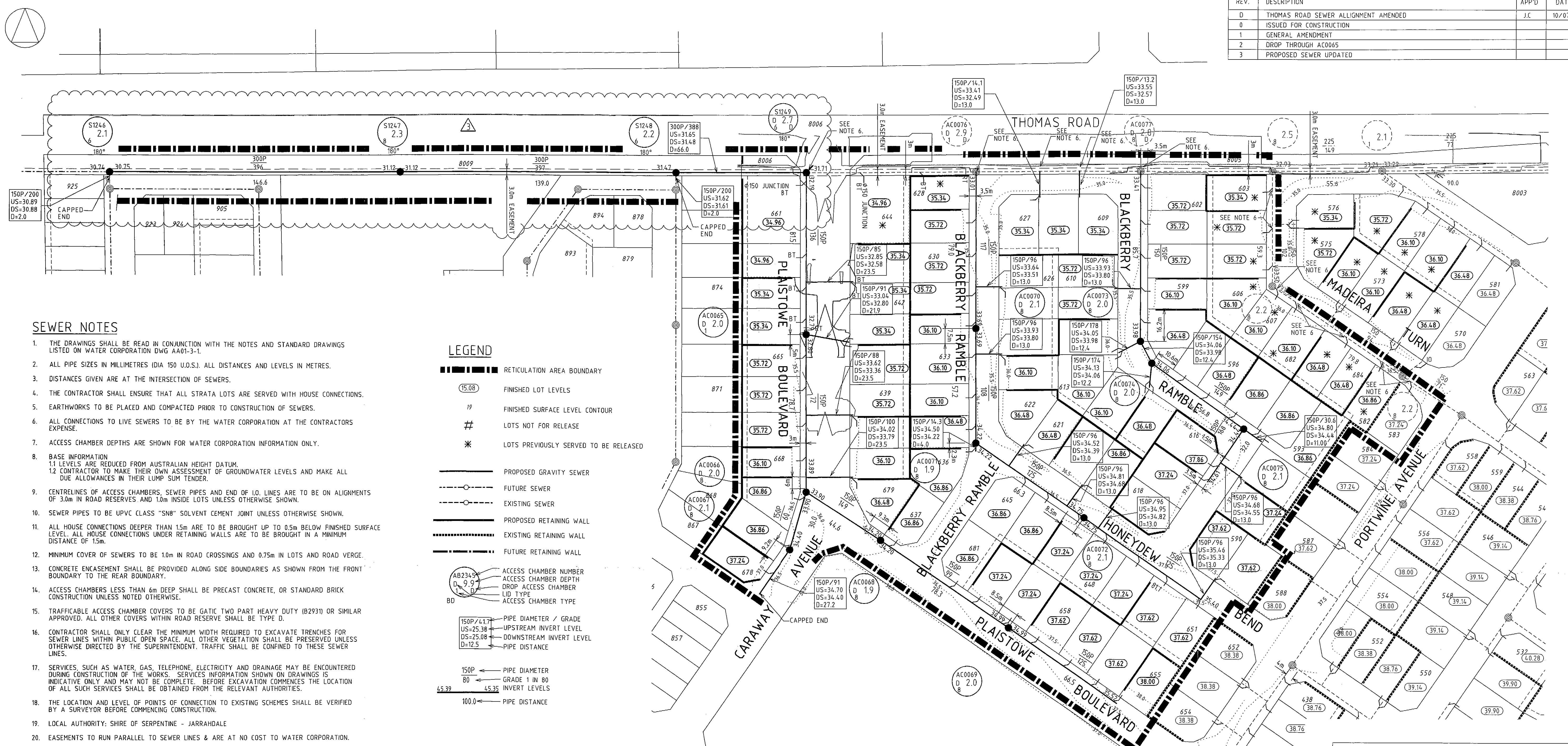


REV.	DESCRIPTION	APP'D	DATE
0	THOMAS ROAD SEWER ALIGNMENT AMENDED	J.C.	10/07/06
1	ISSUED FOR CONSTRUCTION		
2	GENERAL AMENDMENT		
3	DROP THROUGH AC0065		
4	PROPOSED SEWER UPDATED		



SEWER NOTES

- THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE NOTES AND STANDARD DRAWINGS LISTED ON WATER CORPORATION DWG AA01-3-1.
- ALL PIPE SIZES IN MILLIMETRES (DIA 150 U.O.S.). ALL DISTANCES AND LEVELS IN METRES.
- DISTANCES GIVEN ARE AT THE INTERSECTION OF SEWERS.
- THE CONTRACTOR SHALL ENSURE THAT ALL STRATA LOTS ARE SERVED WITH HOUSE CONNECTIONS.
- EARTHWORKS TO BE PLACED AND COMPACTED PRIOR TO CONSTRUCTION OF SEWERS.
- ALL CONNECTIONS TO LIVE SEWERS TO BE BY THE WATER CORPORATION AT THE CONTRACTORS EXPENSE.
- ACCESS CHAMBER DEPTHS ARE SHOWN FOR WATER CORPORATION INFORMATION ONLY.
- BASE INFORMATION
1.1 LEVELS ARE REDUCED FROM AUSTRALIAN HEIGHT DATUM.
1.2 CONTRACTOR TO MAKE THEIR OWN ASSESSMENT OF GROUNDWATER LEVELS AND MAKE ALL DUE ALLOWANCES IN THEIR LUMP SUM TENDER.
- CENTRELINES OF ACCESS CHAMBERS, SEWER PIPES AND END OF I.O. LINES ARE TO BE ON ALIGNMENTS OF 3.0m IN ROAD RESERVES AND 1.0m INSIDE LOTS UNLESS OTHERWISE SHOWN.
- SEWER PIPES TO BE UPVC CLASS "SN8" SOLVENT CEMENT JOINT UNLESS OTHERWISE SHOWN.
- ALL HOUSE CONNECTIONS DEEPER THAN 1.5m ARE TO BE BROUGHT UP TO 0.5m BELOW FINISHED SURFACE LEVEL. ALL HOUSE CONNECTIONS UNDER RETAINING WALLS ARE TO BE BROUGHT IN A MINIMUM DISTANCE OF 1.5m.
- MINIMUM COVER OF SEWERS TO BE 1.0m IN ROAD CROSSINGS AND 0.75m IN LOTS AND ROAD VERGE.
- CONCRETE ENCASUREMENT SHALL BE PROVIDED ALONG SIDE BOUNDARIES AS SHOWN FROM THE FRONT BOUNDARY TO THE REAR BOUNDARY.
- ACCESS CHAMBERS LESS THAN 6m DEEP SHALL BE PRECAST CONCRETE, OR STANDARD BRICK CONSTRUCTION UNLESS NOTED OTHERWISE.
- TRAFFICABLE ACCESS CHAMBER COVERS TO BE GATIC TWO PART HEAVY DUTY (B2931) OR SIMILAR APPROVED. ALL OTHER COVERS WITHIN ROAD RESERVE SHALL BE TYPE D.
- CONTRACTOR SHALL ONLY CLEAR THE MINIMUM WIDTH REQUIRED TO EXCAVATE TRENCHES FOR SEWER LINES WITHIN PUBLIC OPEN SPACE. ALL OTHER VEGETATION SHALL BE PRESERVED UNLESS OTHERWISE DIRECTED BY THE SUPERINTENDENT. TRAFFIC SHALL BE CONFINED TO THESE SEWER LINES.
- SERVICES SUCH AS WATER, GAS, TELEPHONE, ELECTRICITY AND DRAINAGE MAY BE ENCOUNTERED DURING CONSTRUCTION OF THE WORKS. SERVICES INFORMATION SHOWN ON DRAWINGS IS INDICATIVE ONLY AND MAY NOT BE COMPLETE. BEFORE EXCAVATION COMMENCES THE LOCATION OF ALL SUCH SERVICES SHALL BE OBTAINED FROM THE RELEVANT AUTHORITIES.
- THE LOCATION AND LEVEL OF POINTS OF CONNECTION TO EXISTING SCHEMES SHALL BE VERIFIED BY A SURVEYOR BEFORE COMMENCING CONSTRUCTION.
- LOCAL AUTHORITY: SHIRE OF SERPENTINE - JARRAHDALE
- EASEMENTS TO RUN PARALLEL TO SEWER LINES & ARE AT NO COST TO WATER CORPORATION.

LEGEND

- RETICULATION AREA BOUNDARY
- (15.08) FINISHED LOT LEVELS
- 19 FINISHED SURFACE LEVEL CONTOUR
- # LOTS NOT FOR RELEASE
- * LOTS PREVIOUSLY SERVED TO BE RELEASED
- PROPOSED GRAVITY SEWER
- - - FUTURE SEWER
- - - EXISTING SEWER
- PROPOSED RETAINING WALL
- - - EXISTING RETAINING WALL
- - - FUTURE RETAINING WALL
- AB234-1-0 ACCESS CHAMBER NUMBER
- 9.9 ACCESS CHAMBER DEPTH
- 1-0 DROP ACCESS CHAMBER
- BD LID TYPE
- ACCESS CHAMBER TYPE
- 150P/4.17 PIPE DIAMETER / GRADE
- US=25.38 UPSTREAM INVERT LEVEL
- DS=25.08 DOWNSTREAM INVERT LEVEL
- D=12.5 PIPE DISTANCE
- 150P PIPE DIAMETER
- 80 GRADE 1 IN 80
- 45.39 INVERT LEVELS
- 100.0 PIPE DISTANCE

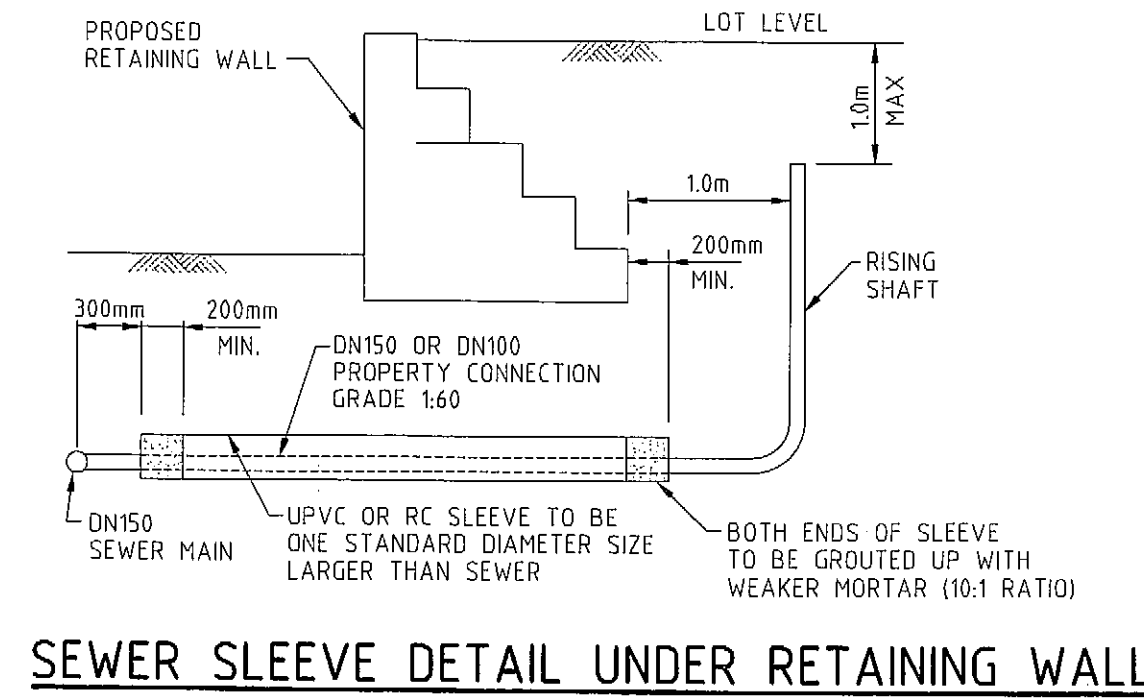
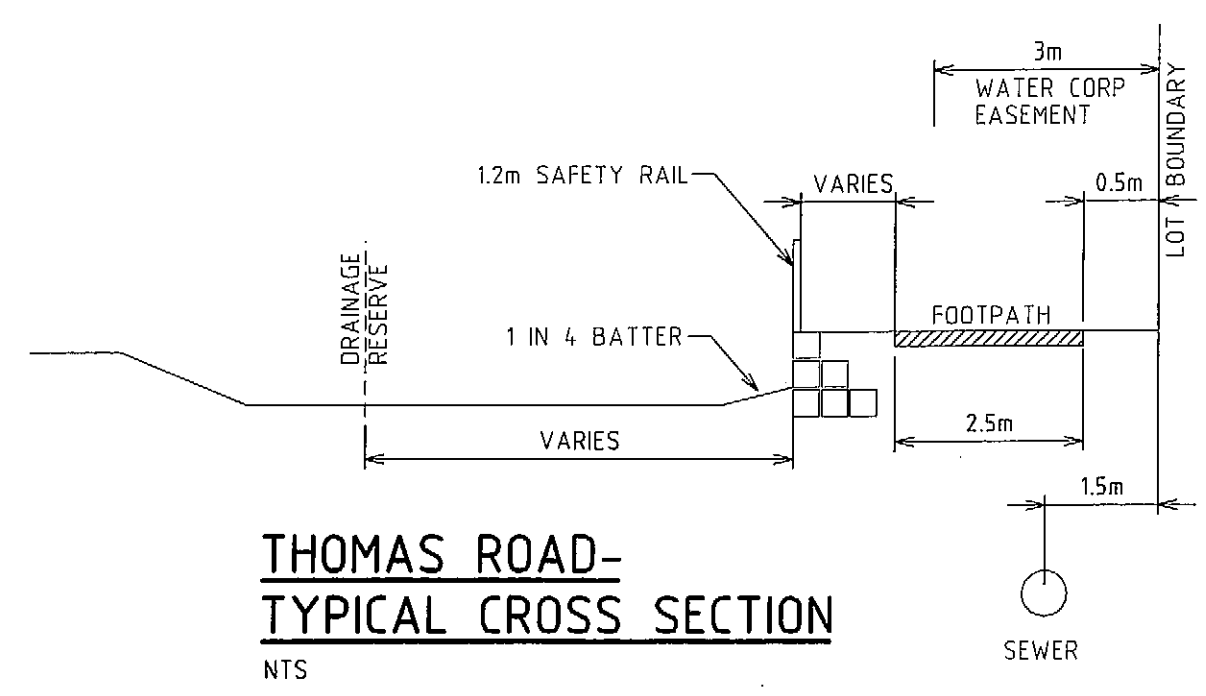
This plan is accepted as complying with overall sewerage planning. Compliance with Water Corporation Sewerage Manual has not been checked and remains the responsibility of the Consulting Engineer.

CGent For Manager Development Services Branch **4.7.07**

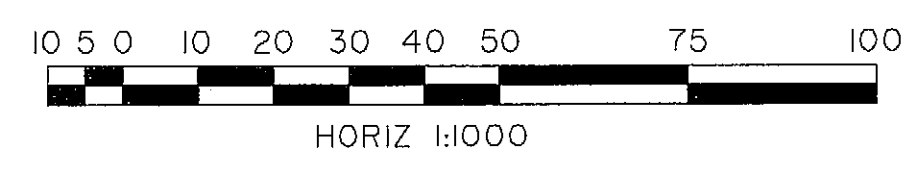
RESUBMISSION

- APPROVAL SUBJECT TO
- FINALISATION AND CONSTRUCTION OF THE DN 375/300 MAIN SEWER CONNECTING LINK TO THE EXISTING BYFORD WASTEWATER PUMPING STATION No 1 TO THE CORPORATION'S SATISFACTION (REFERENCE PLAN IN04).
 - CONNECTION OF THE RETICULATION WORKS TO THE CORPORATION'S WASTEWATER SCHEME TO THE WATER CORPORATION'S SATISFACTION.
 - COMPLETION OF THE REQUIREMENTS OF THE LAND DEVELOPMENT AGREEMENT TO THE CORPORATION'S SATISFACTION.
 - NO LOTS ARE TO BE RELEASED UNTIL OUTSTANDING MATTERS ARE RESOLVED.

IK92-203-1B



NO BACKFILLING OF SEWER TRENCHES SHALL OCCUR UNTIL CERTIFICATION IS OBTAINED FROM THE PROJECT SURVEYOR THAT THE AS CONSTRUCTED SURVEY COMPLYS WITH THE DESIGN LEVELS. IT IS THE CONTRACTORS RESPONSIBILITY TO CO-ORDINATE AND LIAISE WITH THE SURVEYOR AT THE APPROPRIATE TIME.



FILE No.: JT1 2006 07485 V01

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CLIENT: BYFORD CENTRAL PTY LTD
PROJECT: BYFORD CENTRAL STAGE 5 A,B
TITLE: SEWER RETICULATION PLAN

DESIGNED: B.PATON DRAWN: L. VAN DER MEER WAPC No: 129226 130563 SCALE: 1:1000
CHECKED: *[Signature]* 21/6/07 DRAWING No. 2455 / 102 / 3
APPROVED: *[Signature]* 21/6/07