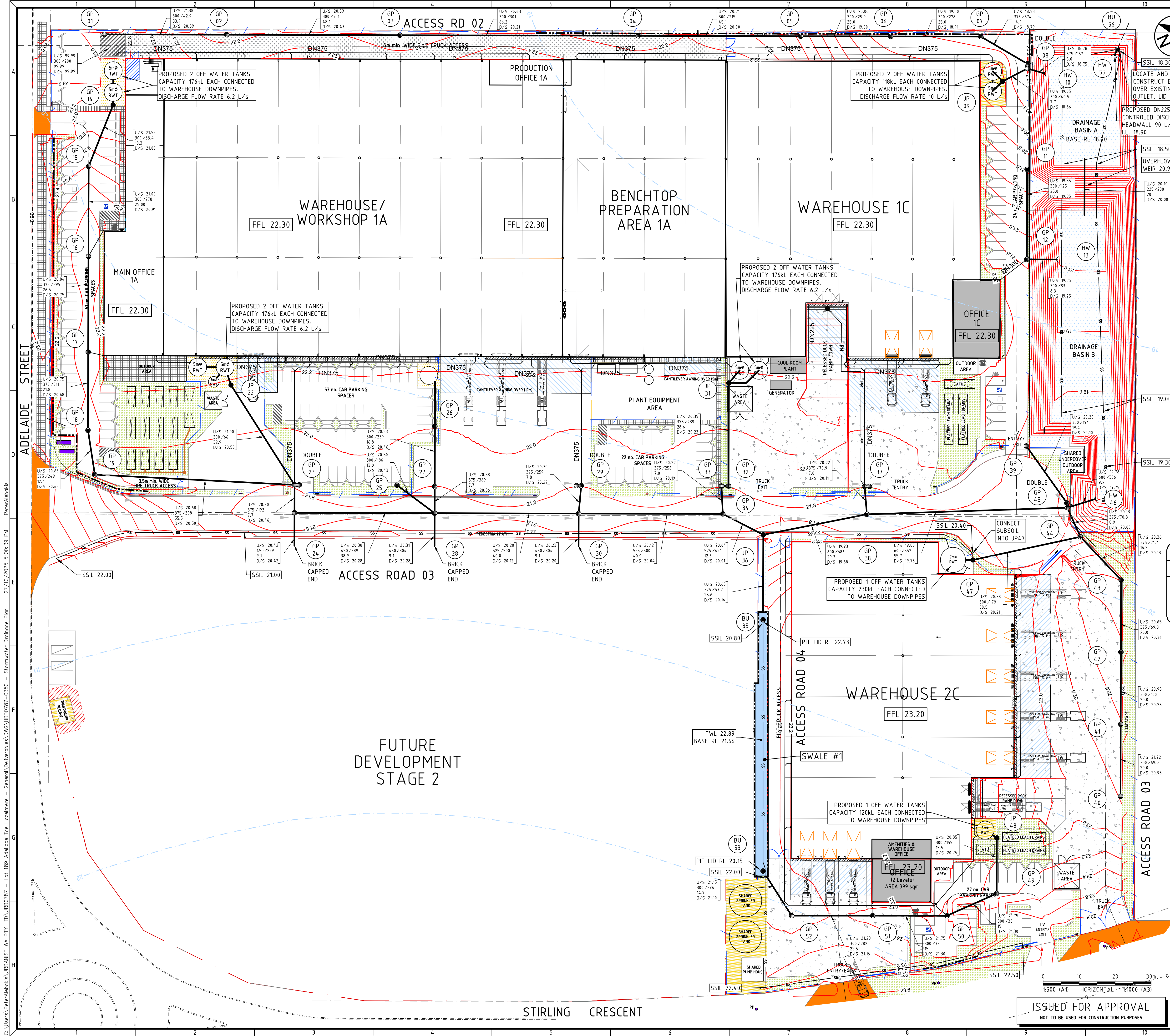




Appendix G

UPDATED STORMWATER DRAINAGE PLAN





- NOTES**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL CONTRACT DRAWINGS, SPECIFICATION
 - THE CONTRACTOR SHALL LOCATE ALL EXISTING SERVICES WITHIN THE CONTRACT AREA PRIOR TO THE COMMENCEMENT OF WORK. WHERE EXISTING AND PROPOSED WORKS INTERSECT, LEVELS ARE TO BE TAKEN AND SUPPLIED TO THE SUPERINTENDENT.
 - ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.
 - THE CONTRACTOR SHALL LOCATE ALL LEVELS FROM ESTABLISHED BENCH MARKS.
 - ALL BENCH MARKS ARE TO BE PROTECTED AND PRESERVED.
 - ALL STORMWATER DRAINAGE PIPES ARE TO BE HDPE INSTALLED TO MANUFACTURES SPECIFICATIONS, UNLESS OTHERWISE NOTED.
 - ALL STORMWATER PIPES SHALL BE PVC WITH MIN STIFFNESS SN8.
 - ALL TRENCHING, PIPE BEDDING AND BACKFILLING SHALL BE IN ACCORDANCE WITH AS3725.
 - STORMWATER PIPE ALIGNMENT SHALL BE AS INDICATED ON THE PLANS.
 - ALL JUNCTION PITS AND ENTRY PITS SHALL BE LOCATED AS SHOWN IRRESPECTIVE OF PIPE LENGTHS SHOWN ON THE DRAWINGS.
 - AT LOW POINTS THE ENTRY PITS SHALL BE LOCATED AT THE LOW POINT OF THE ROAD PAVEMENT.
 - THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DISCREPANCY OR CLASH WITH OTHER SERVICES TO THE SUPERINTENDENT.

- LEGEND**
- DENOTES PROPOSED JUNCTION PIT
 - DENOTES PROPOSED GULLY / BUBBLE UP PIT
 - SS— DENOTES SUBSOIL INVERT
 - SS— DENOTES PROPOSED SUBSOIL PIPE. REFER TO DETAILS
 - D— DENOTES FUTURE DRAINAGE BY OTHERS
 - TWL 14.00, BASE RL 14.00— DENOTES TOP OF WATER LEVEL
 - 13.0— DENOTES TOP OF WALL LEVEL
 - 13.0— EXISTING SURFACE CONTOURS
 - 2.011— EXISTING SURFACE SPOT LEVEL
 - 12.6— DENOTES PROPOSED FINISHED SURFACE CONTOUR
 - PM— DENOTES STORMWATER PRESSURE MAIN
 - 19.0— DENOTES GROUND WATER CONTOURS
 - [Blue Box] DENOTES DETENTION STORAGE BASIN
 - PROPOSED RETAINING WALLS
 - DN300 PROPOSED DOWNPIPE SIZE
 - DN300 PROPOSED BUILDING DOWNPIPE DRAINAGE
 - BU 7 DENOTES PIT REFERENCE NUMBER
 - U/S 21.12, 150 / 165, 11.6, D/S 21.05 UPSTREAM INVERT LEVEL
PIPE DIA / CLASS / GRADE
PIPE LENGTH
DOWNSTREAM INVERT LEVEL

TABLE 1 - STORMWATER BASIN & SWALE STORAGE DETAIL		
CATCHMENT REF	BASIN STORAGE AREA (TWL)	STORAGE VOLUME
BASIN A	795 m ²	520 m ³
BASIN B	1978 m ²	132 m ³
SWALE #1	218 m ²	132 m ³
TOTAL	2,753 m ²	2,630 m ³

STORMWATER CALCULATIONS	
DESCRIPTION	QUANTITY
CATCHMENT	78,439 m ²
INFILTRATION AREA	3,341m ²
MIN DETENTION STORAGE REQUIRED	4,436m ³
TOTAL BASIN & SWALE STORAGE CAPACITY AVAILABLE	2,630m ³
TOTAL BELOW GROUND PIT & PIPE STORAGE AVAILABLE	NO ALLOWANCE
ABOVE GROUND TANK STORAGE	1,806m ³
TOTAL DETENTION STORAGE CAPACITY	4,436m ³

HESPERIA

C 22/10/25	PA	PA	PA	DESIGN AMENDED TO SUIT AMENDED WAREHOUSE 1A LAYOUT
B 28/06/24	PA	PA	PA	ISSUED FOR DEVELOPMENT APPROVAL
A 27/06/24	PA	PA	PA	ISSUED FOR DEVELOPMENT APPROVAL
REV No.	DATE	DRAWN BY	REVIEWED BY	AMENDMENT DESCRIPTION
Perth Westpoint Centre 207 / 396 Scarborough Beach Road Osborne Park WA 6017 Margaret River Wave Court 7 / 30 Fernside Ave Margaret River WA 8265				
CLIENT HESPERIA				
PROJECT LOT 189 ADELAIDE TCE HAZELMERE				
TITLE STORMWATER DRAINAGE PLAN				
DRAFTER P.ALEBAKIS	DESIGNED P.ALEBAKIS	APPROVED PROJECT MANAGER F.LOMBARDI	APPROVED PROJECT DIRECTOR P.ALEBAKIS	04/12/23
DATUM AHD	SCALE 1:500	PROJECT No. URB0787	DRAWING No. C350	REV C
GRID PCG94	WAPC No. N/A			