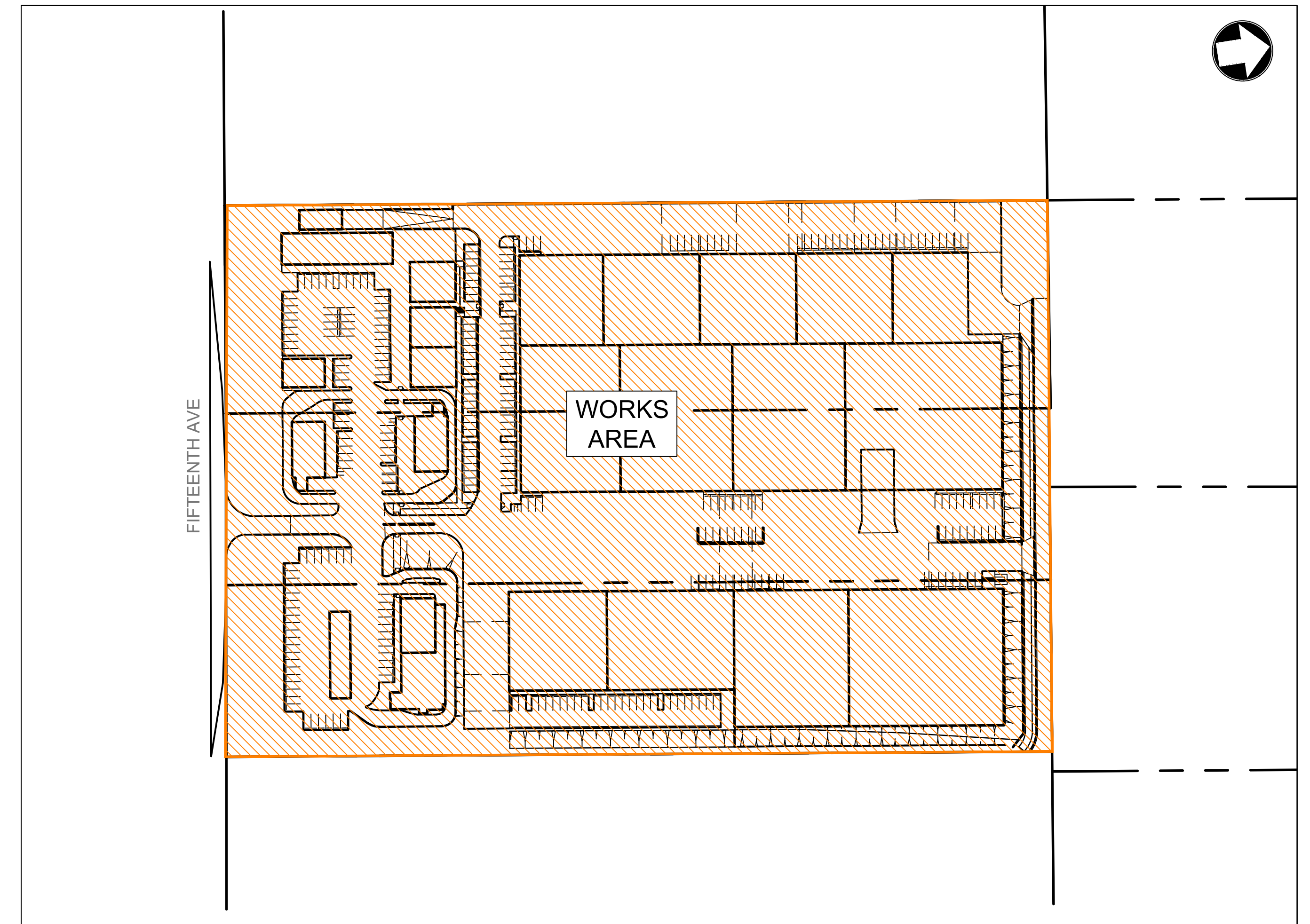




PREPARED FOR:

FYVE DEVELOPMENTS




LOCALITY SKETCH
NTS

LOT 384-385 DP2475 & LOT 8 DP235953
575-595 FIFTEENTH AVENUE,
AUSTRAL
DA CIVIL DRAWINGS

ISSUED FOR DEVELOPMENT APPLICATION
NOT FOR CONSTRUCTION
21-034-DA-C010 F
25.03.2024

Rev	Date	Description	Drawn	Appr
F	25.03.24	RE-ISSUED FOR DA	MRN	DR
E	09.02.24	RE-ISSUED FOR DA	MRN	DR
D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
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A	31.08.22	ISSUED FOR DA	MRN	DR



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PROJECT
575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS

DRAWING TITLE
GENERAL ARRANGEMENT PLAN

SCALE 1:750 STATUS DA

DRAWING NO. 21-034-DA-C100 REV F

DRAWING LIST TABLE

DRAWING NUMBER	DRAWING TITLE
C010	COVER SHEET
C100	GENERAL ARRANGEMENT PLAN
C105	NOTES AND LEGENDS SHEET
C120	SEDIMENT AND EROSION CONTROL PLAN
C125	DEMOLITION & DAM DEWATERING PLAN
C130	CUT AND FILL PLAN
C135	SITE SECTIONS SHEET 1
C136	SITE SECTIONS SHEET 2
C150	ROAD ALIGNMENT CONTROL PLAN
C160	ROAD LONGITUDINAL SECTIONS
C200	SITEWORKS GRADING PLAN
C201	STORMWATER MANAGEMENT PLAN PHASE 1
C205	PAVEMENT PLAN
C206	SITEWORKS DETAILS SHEET 1
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C208	SITEWORKS DETAILS SHEET 3
C209	SITEWORKS DETAILS SHEET 4
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C215	TEMPORARY STORMWATER BASIN PLAN
C220	DRAINS CATCHMENT PLAN
C225	EXTERNAL CATCHMENT PLAN
C230	SIGNAGE & LINEMARKING PLAN
C250	ILP OVERLAY
C500	SITEWORKS AND STORMWATER MANAGMENT PLAN PHASE 2A
C501	SITEWORKS AND STORMWATER MANAGEMENT PLAN PHASE 2B

LEGEND

PHASE 1

TORRENS TITLE SUBDIVISION TO CREATE 3 LOTS AND 2 RESIDUE LOTS FOR FUTURE ROAD DEDICATION. THIS PHASE ALSO INCLUDES THE CONSTRUCTION OF 11 WAREHOUSES WITH ASSOCIATED OFFICE SPACE, FOOD AND SERVICE STATION PREMISES AS WELL AS TEMPORARY STORMWATER MANAGEMENT FACILITIES AND TEMPORARY ACCESS OFF FIFTEENTH AVE (REFER TO SEE BY GLN FOR PROPOSED STAGING OF WORKS).

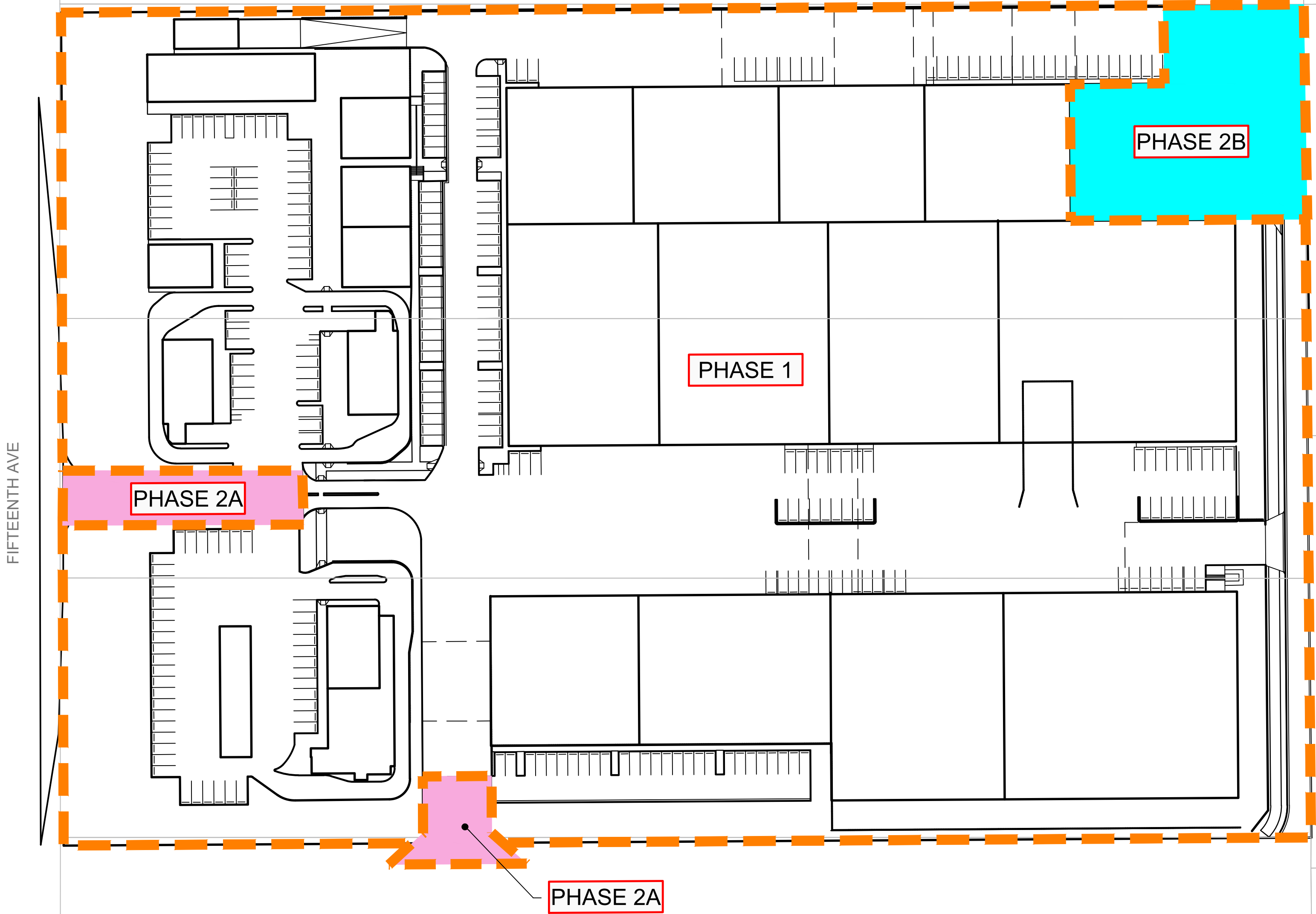
PHASE 2A

FOLLOWING COMPLETION OF FUTURE COLLECTOR ROAD WITHIN ADJOINING LOT 383 DP2475 (BY OTHERS) TEMPORARY ACCESS OFF FIFTEENTH AVE TO BE MODIFIED TO PROVIDE LEFT IN / LEFT OUT ACCESS TO THE SERVICE STATION ONLY. NEW VEHICLE ACCESS TO THE REMAINING SITE AREAS TO BE CONSTRUCTED OFF COLLECTOR ROAD.

PHASE 2B

FOLLOWING COMPLETION OF DOWNSTREAM REGIONAL DRAINAGE INFRASTRUCTURE BY COUNCIL (BASIN 18) TEMPORARY ON-SITE STORMWATER MANAGEMENT FACILITIES TO BE DECOMMISSIONED AND PERMANENT ON-SITE WSUD TREATMENT FACILITIES INSTALLED. FINAL 2 WAREHOUSES TO BE CONSTRUCTED AND FINAL PORTION OF HALF-ROAD WORKS ALONG NORTHERN PORTION OF LOT TO BE COMPLETED AND ROAD DEDICATED.

SHEETS C200 & C201



GENERAL NOTES	
1.	ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL REQUIREMENTS AND / OR AS DIRECTED BY THEIR REPRESENTATIVE;
2.	THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT COUNCIL SPECIFICATIONS AND OTHER CONSULTANT DRAWINGS. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK;
3.	THE CONTRACTOR SHALL NOT ENTER UPON NOR DO ANY WORK WITHIN ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION OF THE OWNERS OR THE RELEVANT AUTHORITY;
4.	NO TREES ARE TO BE REMOVED OTHER THAN THOSE NOTED ON PLAN WITHOUT FIRST OBTAINING WRITTEN PERMISSION FROM COUNCIL;
5.	TREES TO BE RETAINED ON SITE SHALL BE PROTECTED BY SUITABLE BARRIER FENCING OR APPROVED EQUIVALENT PRIOR TO THE COMMENCEMENT OF WORKS;
6.	INFRASTRUCTURE & DEVELOPMENT CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY SURVEY INFORMATION PROVIDED. ALL SURVEY INFORMATION SHOULD BE CONFIRMED BY A REGISTERED SURVEYOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES, OMISSIONS OR ERRORS SHALL BE REPORTED TO THE SUPERINTENDENT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK;
7.	SURVEY MARKS SHALL BE RETAINED AT ALL TIMES WHERE POSSIBLE. IF A SURVEY MARK IS TO BE REMOVED THE SUPERINTENDENT IS TO BE NOTIFIED AND THE CONTRACTOR IS TO FIRST OBTAIN CONSENT FROM THE DEPARTMENT OF LAND AND PROPERTY INFORMATION NSW PRIOR TO REMOVAL;
8.	THE CONTRACTOR IS TO ARRANGE FOR ALL SITE SET OUT AND CONTROL POINTS BY A REGISTERED SURVEYOR;
9.	IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE THE LINE AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS AND MAKE ARRANGEMENTS TO RELOCATE OR ADJUST IF NECESSARY. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT;
10.	THE CONTRACTOR SHALL OBTAIN ALL REGULATORY AUTHORITY APPROVALS AT THEIR OWN EXPENSE;
11.	THE CONTRACTOR SHALL MAINTAIN SERVICES AND ALL WEATHER ACCESS TO ADJOINING PROPERTIES AT ALL TIMES. IF REQUIRED THE CONTRACTOR SHALL PROVIDE TEMPORARY SERVICES TO MAINTAIN SUPPLY TO EXISTING BUILDINGS REMAINING IN OPERATION DURING THE WORKS. ONCE DIVERSION IS COMPLETE THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD. ALL WORKS TO BE TO THE SATISFACTION OF THE SUPERINTENDENT AND THE RELEVANT SERVICE AUTHORITY;
12.	CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES;
13.	ALL NEW WORKS TO MAKE SMOOTH TRANSITION WITH EXISTING CONDITIONS;
14.	THE CONTRACTOR SHALL UNDERTAKE ANY TEMPORARY TRAFFIC CONTROL MEASURES AS REQUIRED BY COUNCIL. ALL WORKS TO BE IN ACCORDANCE WITH COUNCIL'S TRAFFIC MANAGEMENT POLICY. ALL APPROPRIATE WARNING SIGNAGE TO BE DISPLAYED FOR THE DURATION OF THE WORKS;
15.	ALL WORKMANSHIP AND MATERIALS TO COMPLY WITH THE RELEVANT CURRENT AUSTRALIAN STANDARDS AND LOCAL STATUTORY AUTHORITY CODES;
16.	MEASUREMENTS ARE NOT TO BE SCALED FROM THE DRAWINGS;

EARTHWORKS NOTES	
1.	ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS3798 (2007) - GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS;
2.	ALL WORK IS TO COMPLY WITH THE REQUIREMENTS OF THE PROJECT GEOTECHNICAL REPORT;
3.	ALL UNSUITABLE, SOFT OR WET MATERIALS ARE TO BE REMOVED AND REPLACED PRIOR TO FILLING;
4.	ALL FILL MATERIAL TO BE FROM A SOURCE APPROVED BY THE SUPERINTENDENT AND IS TO BE OF SOUND CLEAN MATERIAL, OF REASONABLE STANDARD AND FREE FROM LARGE ROCKS, STUMPS, ORGANIC MATTER AND OTHER DEBRIS. MAXIMUM PARTICLE SIZE 75mm. PLASTICITY INDEX BETWEEN 2% AND 15%;
5.	ALL FILL MATERIAL IS TO BE PLACED IN MAXIMUM 200mm LAYERS. COMPACTION OF EARTHWORKS AT OPTIMUM MOISTURE CONTENT (-1 TO +3%) SHALL CONTINUE UNTIL A DRY DENSITY RATIO OF 95% FOR LOT, LANDSCAPE AND NON-VEHICULAR PAVED AREAS, 100% FOR VEHICULAR AND ROAD PAVEMENT SUBGRADES, AND 96% BENEATH BUILDING SLABS ARE ACHIEVED IN ACCORDANCE WITH TEST METHOD AS1289 5.1.1;
6.	ALL EARTHWORKS TO TAKE PLACE UNDER LEVEL 1 GEOTECHNICAL SUPERVISION UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT OR THE CONDITIONS OF CONSENT. TESTING OF THE FILL MATERIAL SHALL BE CARRIED OUT BY AN APPROVED NATA REGISTERED LABORATORY;
7.	EARTHWORKS TO BE STAGED SO THAT THE WORKING SURFACE IS ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION;
8.	IN AREAS OF FILL WHERE THE NATURAL SURFACE EXCEEDS 1(V):4(H) BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF THE PLACED FILL MATERIAL AS REQUIRED BY THE SUPERINTENDENT;
9.	ALL BATTERS TO BE SCARIFIED TO ASSIST WITH ADHESION OF TOPSOIL TO BATTER FACE;
10.	THE CONTRACTOR IS TO CONTROL SEDIMENTATION, EROSION AND POLLUTION DURING EARTHWORKS IN ACCORDANCE WITH THE REQUIREMENTS OF "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION";

CONCRETE NOTES

1.

ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH AS 3600 (UNO);

2.

CONCRETE MIX PARAMETERS

- MAXIMUM AGGREGATE SIZE = 20mm
- SLUMP = 80mm
- ALL CONCRETE MUST BE CONSOLIDATED WITH MECHANICAL VIBRATORS
- CONCRETE STRENGTH AS PER BELOW

CONCRETE STRENGTHS (CIVIL WORKS ONLY)

USE	STRENGTH GRADE (28 DAYS)	CEMENT TYPE TO AS 3972
PITS	F _c = 32MPa	SL
PAVEMENTS	F _c = 32MPa	SL
KERBS	F _c = 25MPa	SL
MASS CONCRETE	F _c = 25MPa	GP

3.

ALL REINFORCEMENT TO BE SUPPORTED IN ITS CORRECT POSITION DURING CONCRETING BY PLASTIC BAR CHAIRS. WIRE CHAIRS NOT PERMITTED. COVER MUST BE MAINTAINED AT ALL TIMES INCLUDING DRIP GROOVES. ENSURE TIE WIRES DO NOT PROTRUDE INTO THE COVER ZONE;

4.

MINIMUM 40mm COVER TO REINFORCEMENT (UNO);

5.

REINFORCEMENT AS SHOWN ON THESE PLANS IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY SHOWN IN THE TRUE PROJECTION OR SCALE;

6.

ALL CONCRETE TO BE CURED AS FOLLOWS:

- KEEP SURFACE CONTINUOUSLY WET FOR 3 DAYS;
- PREVENT MOISTURE LOSS FOR THE NEXT 4 DAYS USING POLYTHENE SHEETING OR WET HESSIAN PROTECTED FROM WIND AND TRAFFIC, AND THEN ALLOW DRYING OUT;
- CURING COMPOUNDS MAY BE USED PROVIDED THAT THEY APPLY WITH AS3799 AND DO NOT AFFECT FINISHES;
- PVA BASED CURING COMPOUNDS MAY NOT BE USED.

7.

REINFORCEMENT SYMBOLS AS FOLLOWS AS PER AS4671:

N

R

SL / RL

HOT ROLLED DEFORMED BAR, GRADE 500
PLAIN ROUND BAR, GRADE 250
HARD DRAWN WIRE FABRIC (SQUARE OR RECTANGULAR)

8.

MINIMUM ALLOWABLE BEARING CAPACITY UNDER ALL CONCRETE FOUNDATIONS TO BE 150 KPa (UNO). BEARING CAPACITY TO BE CONFIRMED ON SITE BY A GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF WORKS

STORMWATER NOTES	
1.	STORMWATER DRAINAGE DESIGN CRITERIA: <ul style="list-style-type: none">- MINOR SYSTEM = 10YR ARI- MAJOR SYSTEM = 100YR ARI
2.	ALL STORMWATER PIPES Ø375 TO Ø600 SHALL BE CLASS 2 APPROVED SIGPOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINT (UNO);
3.	ALL STORMWATER PIPES Ø675 OR LARGER SHALL BE CLASS 3 APPROVED SIGPOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINT (UNO);
4.	ALL UPVC STORMWATER PIPES TO BE DWV CLASS GRADE SN8 IN ACCORDANCE WITH AS 1260 (UNO)
5.	IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT THE STORMWATER PIPE CLASSES SUIT THEIR CONSTRUCTION EQUIPMENT AND METHODOLOGY AND TO CHECK ALL CONSTRUCTION LOADINGS ON THE PIPES. THE CONTRACTOR MUST ENSURE THAT THE MINIMUM COVER ABOVE EACH PIPE IS MAINTAINED AT ALL TIMES;
6.	ALL STORMWATER PIPES TO BE LAID AT A MINIMUM GRADE OF 1% (UNO);
7.	PIPE BEDDING TO BE TYPE H2 (UNO) FOR PIPES NOT UNDER PAVEMENTS AND TYPE HS2 FOR PIPES UNDER PAVEMENTS AS PER AS 3725. IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE (UNO). WHERE PIPE IS UNDER PAVEMENT BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1;
8.	ALL CONNECTIONS TO EXISTING DRAINAGE PITS TO BE MADE IN A TRADESMAN LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY TO BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH WITH NO PROTRUSIONS;
9.	ALL CAST-IN-SITU CONCRETE STOMRWATER PITS TO BE MINIMUM 32MPa AT 28 DAYS (UNO);
10.	PRECAST CONCRETE PITS MAY BE USED IN LIEU OF CAST-IN-SITU PITS SUBJECT TO REVIEW AND APPROVAL BY THE SUPERINTENDENT;
11.	STORMWATER PITS DEEPER THAN 1m TO HAVE STEP IRONS INSTALLED IN ACCORDANCE WITH THE LOCAL OR STATUTORY AUTHORITY REQUIREMENTS;
12.	3m LENGTH OF SUBSOIL DRAIN WRAPPED IN APPROVED FILTER SOCK TO BE PROVIDED AT THE INVERT OF EACH INCOMING UPSTREAM PIPE ON EACH PIT;
13.	DRAINAGE LINES ON PLAN ARE DIAGRAMMATIC ONLY AND PIPE CENTRELINES ARE TO ENTER AND EXIT PITS AT THE CENTRE OF THE RESPECTIVE PIT WALLS (UNO);
14.	THE BASE OF ALL STORMWATER PITS TO BE BENCHED TO FACILITATE THE SMOOTH FLOW OF WATER;
15.	IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ADEQUATE SAFETY MEASURES SHALL BE PUT IN PLACE AT ALL TIMES DURING CONSTRUCTION TO MITIGATE THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS;

ASPHALTIC CONCRETE NOTES
1. ASPHALTIC CONCRETE MIX DESIGN, MANUFACTURE, PLACING AND COMPACTION TO BE IN ACCORDANCE WITH: <ul style="list-style-type: none">- THE REQUIREMENTS OF THE PROJECT GEOTECHNICAL REPORT; AND- COUNCIL'S RELEVANT CONSTRUCTION SPECIFICATION

SIGNAGE AND LINEMARKING
1. ALL SIGNPOSTING AND LINEMARKING TO BE PLACED IN ACCORDANCE WITH THE FOLLOWING GUIDELINES: <ul style="list-style-type: none">- AS 1742.2 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES;- COUNCIL'S RELEVANT STANDARDS.
2. LOCATIONS OF SIGNS SHOWN ON THESE PLANS ARE INDICATIVE ONLY. SIGNS TO BE SETOUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE GUIDELINES;
3. ALL STREET SIGNS TO BE CHARCOAL POWDER COATED (UNO)

PAVEMENT LEGEND	
	LIGHT DUTY CONCRETE PAVEMENT TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN STAGE
	HEAVY DUTY CONCRETE PAVEMENT TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN STAGE
	ASPHALTIC CONCRETE PAVEMENT TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN STAGE
	PROPOSED FOOTPATH PAVEMENT TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN STAGE
	PROPOSED SHARED PATH IN ACCORDANCE WITH COUNCIL DRAWING R23A
	CONCRETE DRIVEWAY PAVEMENT IN ACCORDANCE WITH COUNCIL DRAWING R25
	PROPOSED LANDSCAPING IN ACCORDANCE WITH LANDSCAPE ARCHITECTS REQUIREMENTS
	BUILDING PAVEMENT TO STRUCTURAL ENGINEERS FUTURE DETAIL
ALL PAVEMENTS ARE INDICATIVE ONLY. TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING SUBSEQUENT DETAILED DESIGN STAGE	

CIVIL WORKS LEGEND	
	KERB AND GUTTER - TYPE A IN ACCORDANCE WITH COUNCIL DRAWING R2
	KERB AND GUTTER - TYPE B IN ACCORDANCE WITH DETAIL ON DRAWING C206
	CONSTRUCT KERB ONLY IN ACCORDANCE WITH DETAIL ON DRAWING C206
	CONSTRUCT INTEGRAL KERB IN ACCORDANCE WITH DETAIL ON DRAWING C206
	CONSTRUCT INTEGRAL DISH DRAIN IN ACCORDANCE WITH DETAIL ON DRAWING C206
	CONSTRUCT VEHICLE CROSSING IN ACCORDANCE WITH COUNCIL DRAWING NO. R25
	CONSTRUCT BATTER
	PROPOSED FINISHED SURFACE LEVEL
	PROPOSED STORMWATER GRATE LEVEL
	PROPOSED PAVEMENT GRADE AND DIRECTION OF FALL
	MAJOR CONTOUR
	MINOR CONTOUR
	PROPOSED RETAINING WALL. DETAILS TO BE CONFIRMED BY STRUCTURAL ENGINEER DURING DETAILED DESIGN STAGE
	STORMWATER DRAINAGE STRUCTURE / PIT NUMBER
	SURFACE INLET PIT/JUNCTION PIT IN ACCORDANCE WITH DETAIL ON DRAWING C206
	PROPOSED GRATED DRAIN
	V-DRAIN DRAINAGE PIT IN ACCORDANCE WITH DETAIL ON DRAWING C206
	KERB INLET PIT WITH LINTEL IN ACCORDANCE WITH COUNCIL DRAWING NO. D8
	PROPOSED STORMWATER DRAINAGE LINE WITH PIPE SIZE
	PROPOSED HEADWALL OUTLET
	TEMPORARY STORMWATER BASIN. REFER TO DRAWING C210 FOR DETAILS
	PROVIDE OUTLET SCOUR PROTECTION. DETAILS TO BE CONFIRMED DURING DETAIL DESIGN STAGE

LEGEND

D	08.12.23	RE-ISSUED FOR DA	AP	DR
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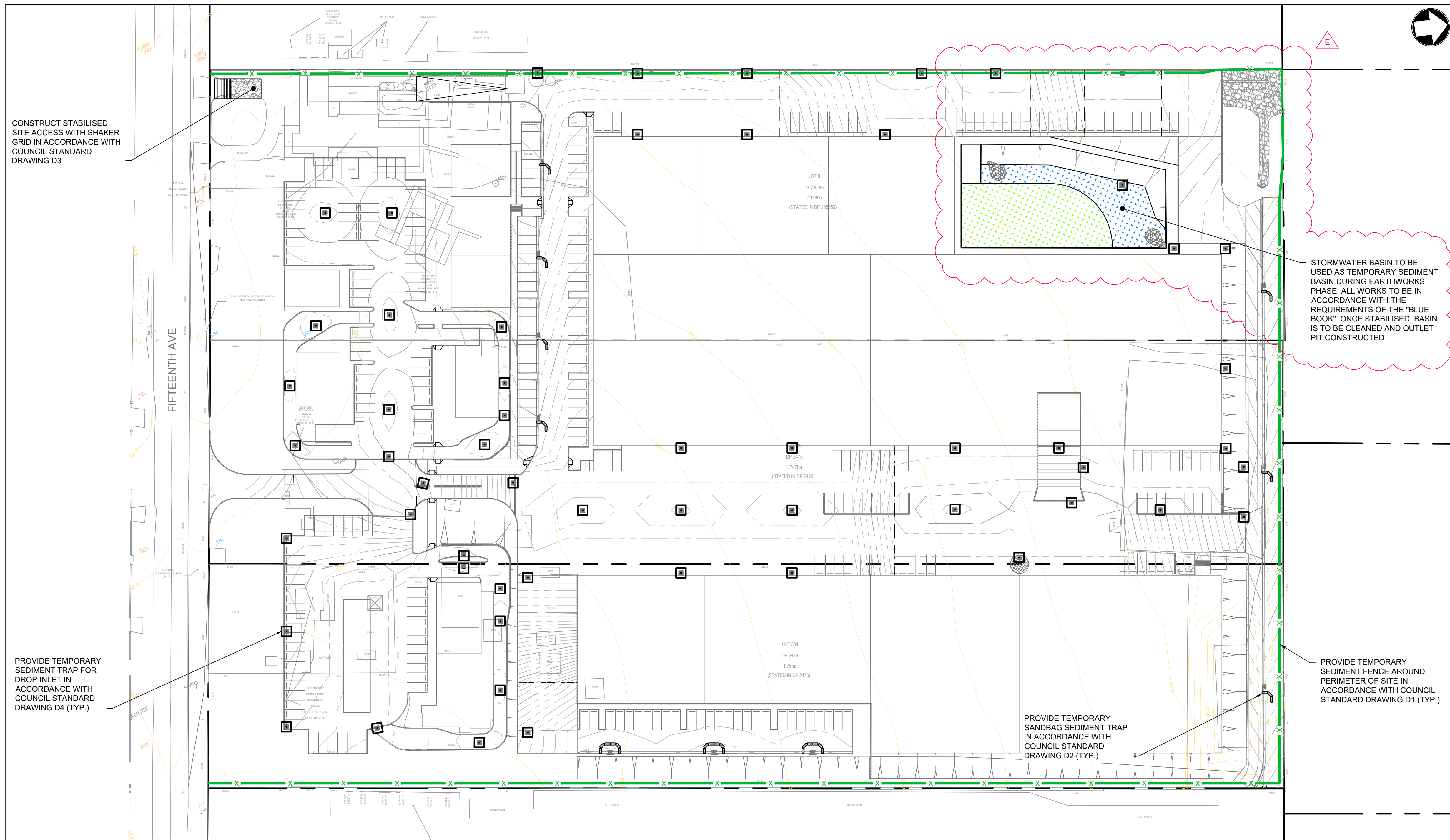
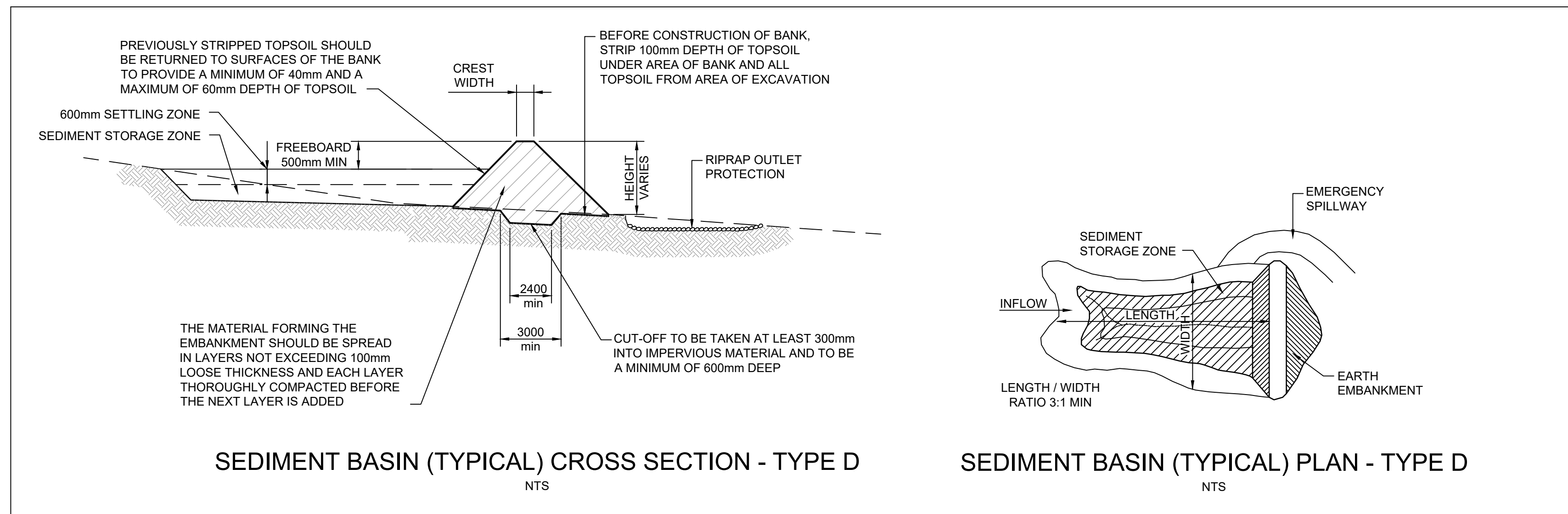


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PROJECT
575-595 FIFTEENTH AVENUE AUSTRAL CIVIL WORKS

DRAWING TITLE		
NOTES AND LEGENDS SHEET		
SCALE		STATUS DA
DRAWING NO. 21-034-DA-C105		REV D



LEGEND

TEMPORARY SEDIMENT FENCE IN ACCORDANCE WITH COUNCIL DRAWING D1

SANDBAG SEDIMENT TRAP IN ACCORDANCE WITH COUNCIL DRAWING D2

DROP INLET SEDIMENT TRAP IN ACCORDANCE WITH COUNCIL DRAWING D4

STABILISED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH COUNCIL DRAWING D3

SEDIMENT CONTROL NOTES

- THIS PLAN PRESENTS AN INDICATIVE SOIL AND EROSION MANAGEMENT STRATEGY AND IS OF A CONCEPTUAL NATURE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT AND MANAGEMENT OF THE SITE AND PREPARING A DETAILED PLAN AND OBTAINING APPROVAL FROM THE RELEVANT AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY WORKS;
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH BOTH THE RELEVANT ENGINEERING PLANS AND THE GUIDELINES SET OUT IN "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION" (ALSO KNOWN AS THE "BLUE BOOK");
- ALL BUILDERS AND SUB-CONTRACTORS SHALL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS;
- VEHICULAR TRAFFIC SHALL BE CONTROLLED DURING CONSTRUCTION WORKS WITH ACCESS CONFINED TO THE NOMINATED SITE ENTRANCE AS SHOWN ON THIS PLAN OR A LOCATION DETERMINED BY THE SUPERINTENDENT. AREAS TO BE LEFT UNDISTURBED SHALL BE MARKED OFF;
- PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS THE SITE IS TO BE INSPECTED TO IDENTIFY AND APPROPRIATELY MARK:
 - THE TREES TO BE REMOVED;
 - THE TREES TO BE RETAINED AND APPROPRIATELY PROTECTED
- ALL DISTURBED AREAS SHALL BE REVEGETATED WITHIN 14 WORKING DAYS OF COMPLETION OF FORMATION;
- NO TREES ARE TO BE REMOVED WITHOUT WRITTEN PERMISSION FROM COUNCIL;
- MANAGEMENT DEVICES TO BE MAINTAINED ON A REGULAR BASIS. WHERE CLEANING IS REQUIRED THE SEDIMENT SHALL BE REMOVED TO AN APPROPRIATE LOCATION AS NOMINATED BY THE SUPERINTENDENT;
- DUST TO BE MINIMISED BY SPRINKLING LARGE DISTURBED AREAS WITH WATER WHEN REQUIRED
- MANAGEMENT DEVICES TO REMAIN IN PLACE UNTIL THE COMPLETION OF THE MAINTENANCE PERIOD.

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PROJECT

575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS

DRAWING TITLE

SEDIMENT AND EROSION
CONTROL PLAN
SHEET 1

SCALE	1:600	STATUS	DA
DRAWING NO.	21-034-DA-C120	REV	E

NOTE:
EXISTING TREE LOCATIONS AS SHOWN ON THIS PLAN HAVE BEEN PLOTTED FROM A COMBINATION OF SITE SURVEY AND AERIAL IMAGERY AND ARE INDICATIVE ONLY. TREE LOCATIONS TO BE CONFIRMED VIA ADDITIONAL SITE SURVEY PRIOR TO COMMENCEMENT OF DETAILED DESIGN PHASE

CONSTRUCT STABILISED SITE ACCESS WITH SHAKER GRID IN ACCORDANCE WITH COUNCIL STANDARD DRAWING D3

EXISTING REDUNDANT PROPERTY DRIVEWAYS TO BE DEMOLISHED AND REMOVED. VERGE TO BE REINSTATED TO SUIT. ALL WORKS IN ACCORDANCE WITH COUNCIL REQUIREMENTS (TYP)

FIFTEENTH AVE

EXISTING DAM TO BE DESILTED, FILLED AND COMPACTED IN ACCORDANCE WITH GEOTECHNICAL ENGINEERS REQUIREMENTS

PROVIDE TEMPORARY SEDIMENT FENCE AROUND PERIMETER OF SITE IN ACCORDANCE WITH COUNCIL STANDARD DRAWING D1 (TYP.)

LEGEND

EXISTING BUILDINGS AND STRUCTURES TO BE DEMOLISHED AND REMOVED

DAM TO BE DE-WATERED AND REMEDIATED AS REQUIRED

EXISTING TREE TO BE REMOVED

EXISTING TREE TO BE RETAINED. PROVIDE TEMPORARY PROTECTION MEASURES IN ACCORDANCE WITH COUNCIL STANDARD DRAWING No. LS15

TEMPORARY SEDIMENT FENCE IN ACCORDANCE WITH COUNCIL DRAWING D1

STABILISED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH COUNCIL DRAWING D3

DAM DEWATERING NOTES

DEWATERING CAN BE UNDERTAKEN BY THE FOLLOWING TECHNIQUES FOR EXISTING DAMS ON SITE:

- DEWATERING THROUGH IRRIGATION OF THE ADJACENT GRASSED AREAS
- DEWATERING BY PUMPING STORED WATER INTO THE DOWNSTREAM CATCHMENT AND WATERCOURSE AFTER IT HAS BEEN FILTERED TO PREVENT THE UPTAKE OF ANY INVASIVE SPECIES, JUVENILE PEST SPECIES OR EGGS INTO CATCHMENT;AND
- WATER CAN BE PUMPED AND TRANSPORTED TO A WASTE MANAGEMENT FACILITY

THE EXACT METHOD IS TO BE CONFIRMED BY THE GEOTECHNICAL ENGINEER AND WILL BE CONSIDERED ALONG WITH ANY REMEDIATION ACTION PLAN PENDING ANY POLLUTANTS FOUND WITHIN THE WATER.

IF PUMPING OF THE DAM IS TO TAKE PLACE THE FOLLOWING IS REQUIRED:


- A MOBILE PUMP SYSTEM IS TO BE LOCATED ON THE EMBANKMENT OF THE DAM
- A MESH FILTER OVER THE INLET OF THE PUMP
- A FLEXIBLE OUTLET PIPE CONNECTED BETWEEN THE PUMP AND A SUITABLE DOWNSTREAM LOCATION TO ENSURE NO PONDING OCCURS
- GEOTEXTILE FILTER SOCK OVER THE OUTLET.

CONTRACTOR TO PROVIDE SEDIMENT AND EROSION PROTECTION MEASURES BASED ON THE DE-WATERING METHOD AS ADVISED BY THE GEOTECHNICAL ENGINEER / ECOLOGIST.

NOTE:
THE CONTRACTOR IS TO ENSURE THAT MEASURES ARE TAKEN IN LINE WITH NATIONAL PARKS AND WILDLIFE ACT 1974 AND BIODIVERSITY CONSERVATION ACT 2016 TO ENSURE THAT ANY FAUNA INHABITING THE WATER BODY AND SURROUNDING VEGETATION ARE TREATED HUMANELY AND RELOCATED BEFORE DEVELOPMENT ACTIVITIES COMMENCE.

A QUALIFIED ECOLOGIST OR WILDLIFE CARER IS REQUIRED TO BE PRESENT THROUGHOUT DE-WATERING ACTIVITIES TO RELOCATE FAUNA OR TAKE FAUNA INTO CARE WHERE APPROPRIATE (I.E. JUVENILE OR NOCTURNAL FAUNA). NESTING ANIMALS ARE TO BE LEFT IN-SITU UNTIL YOUNG HAVE FLEDGED OR LEFT THE NEST.

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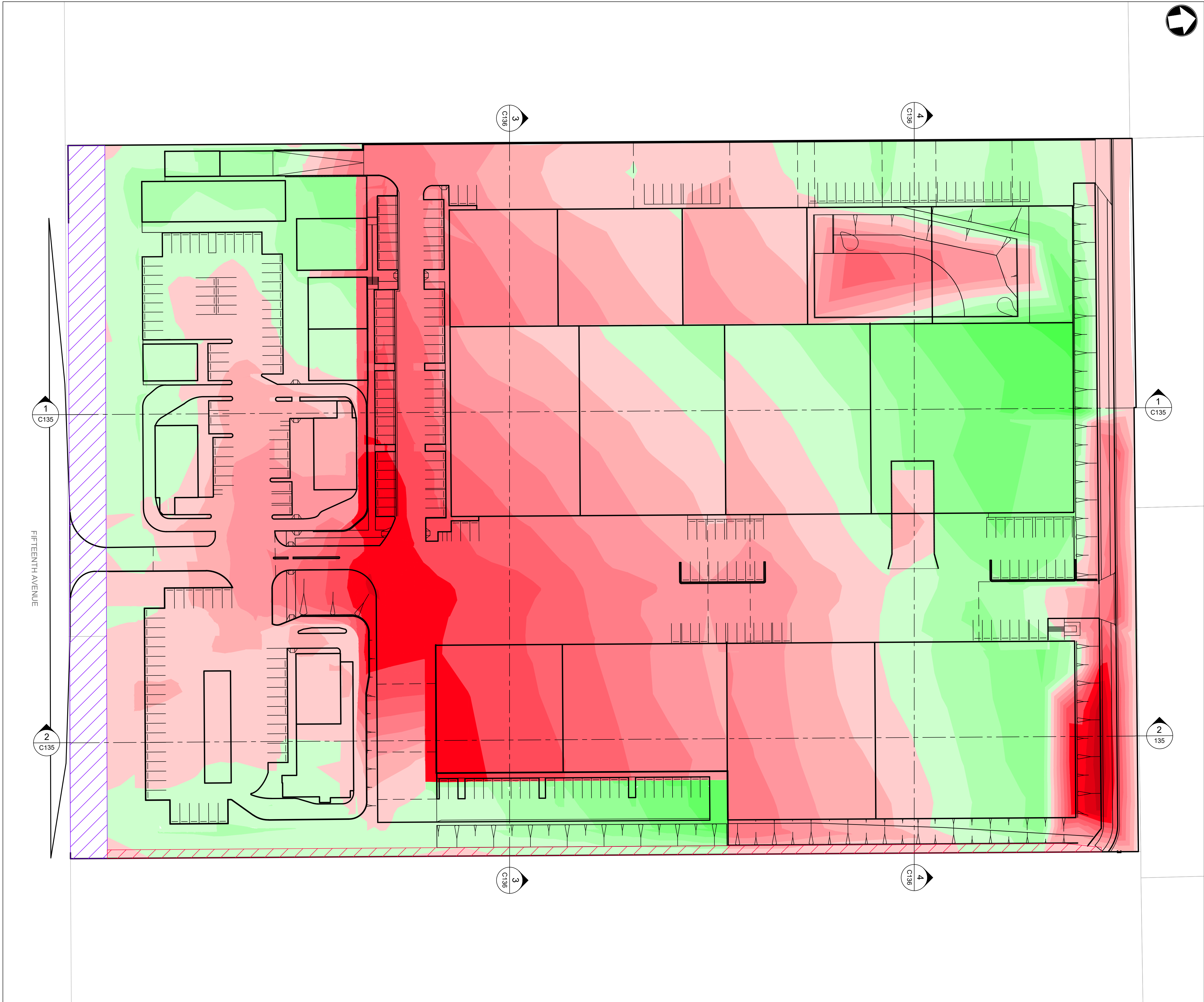
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PROJECT
575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS

DRAWING TITLE
DEMOLITION & DAM DEWATERING
PLAN

SCALE 1:600 STATUS DA

DRAWING NO. 21-034-DA-C125 REV D



DEPTH RANGE LEGEND			
<div></div>	> -5.0m	<div></div>	0m to 0.5m
<div></div>	-5.0m to -4.5m	<div></div>	0.5m to 1.0m
<div></div>	-4.5m to -4.0m	<div></div>	1.0m to 1.5m
<div></div>	-4.0m to -3.5m	<div></div>	1.5m to 2.0m
<div></div>	-3.5m to -3.0m	<div></div>	2.0m to 2.5m
<div></div>	-3.0m to -2.5m	<div></div>	2.5m to 3.0m
<div></div>	-2.5m to -2.0m	<div></div>	3.0m to 3.5m
<div></div>	-2.0m to -1.5m	<div></div>	3.5m to 4.0m
<div></div>	-1.5m to -1.0m	<div></div>	4.0m to 4.5m
<div></div>	-1.0m to -0.5m	<div></div>	4.5m to 5.0m
<div></div>	-0.5m to 0m	<div></div>	> 5.0m

CUT AND FILL VOLUMES	
APPROXIMATE VOLUMES	
TOTAL CUT	= -41,153m ³
TOTAL FILL	= +12,802m ³
BALANCE	= -28,351m ³

CUT AND FILL NOTES	
ESTIMATED VOLUMES BETWEEN EXISTING SURVEY AND DESIGN SURFACE LEVELS ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL VOLUMES PRIOR TO CONSTRUCTION.	
THE CUT / FILL CALCULATIONS HAVE BEEN BASED ON THE FOLLOWING ASSUMPTIONS:	
<ul style="list-style-type: none">• NO ALLOWANCE FOR TOPSOIL STRIPPING• NO ALLOWANCE FOR PAVEMENT BENCHING• NO ALLOWANCE FOR BUILDING SLABS• VOLUMES WITHIN STORMWATER / SERVICE TRENCHES HAS NOT BEEN CALCULATED• NO ALLOWANCE FOR RETAINING WALL FOOTINGS• NO ALLOWANCE FOR FILTER LAYERS WITHIN STORMWATER BASIN• NO BULKING FACTORS HAVE BEEN APPLIED	

LEGEND	
<div></div>	PROPOSED SP2 LAND DEDICATION TO COUNCIL FOR FUTURE FIFTEENTH AVENUE ROAD WIDENING
<div></div>	PROPOSED LAND DEDICATION FOR FUTURE 20m COLLECTOR ROAD CONSTRUCTION

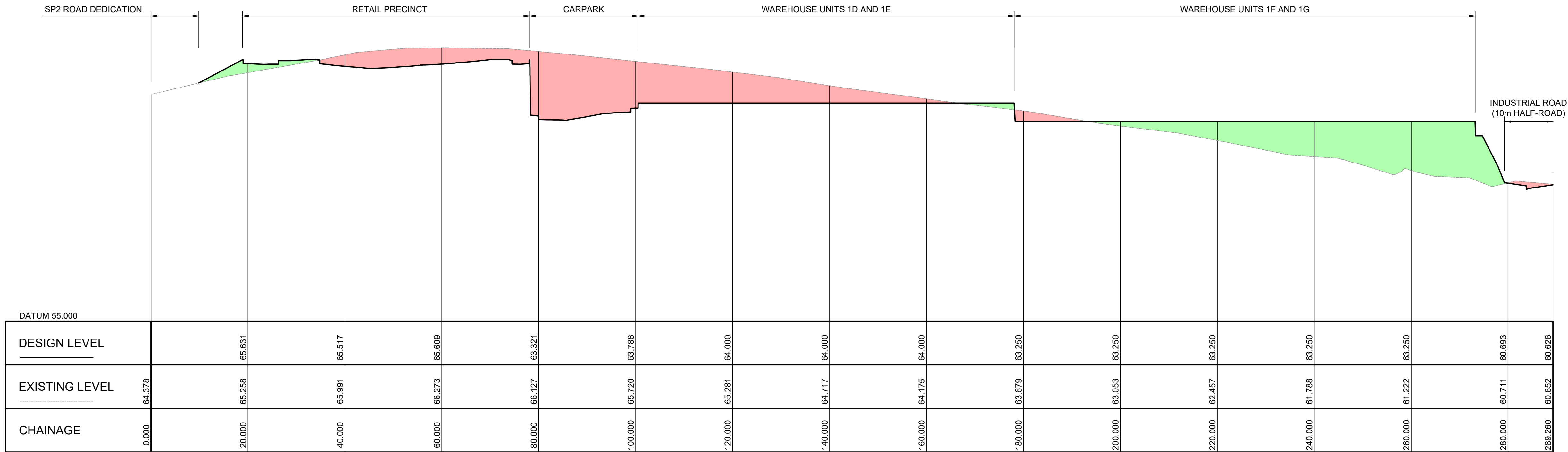
Rev	Date	Description	Drawn	Appr
D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR



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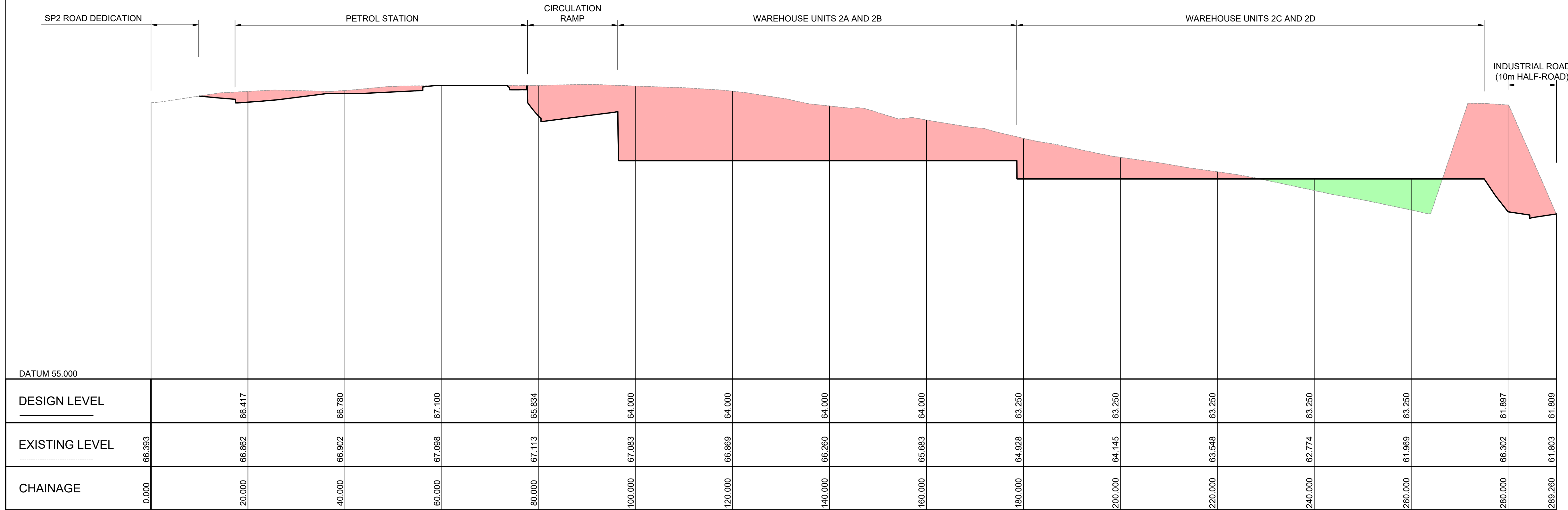
PROJECT
575-595 FIFTEENTH AVENUE AUSTRAL CIVIL WORKS

DRAWING TITLE	
CUT AND FILL PLAN	
SCALE	1:500
STATUS	DA
DRAWING NO.	21-034-DA-C130
REV	D



SECTION 1

1:500 (H) 1:100 (V) C130



SECTION 2


1:500 (H) 1:100 (V) C130

LEGEND

PROPOSED CUT AREAS

PROPOSED FILL AREAS

D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr



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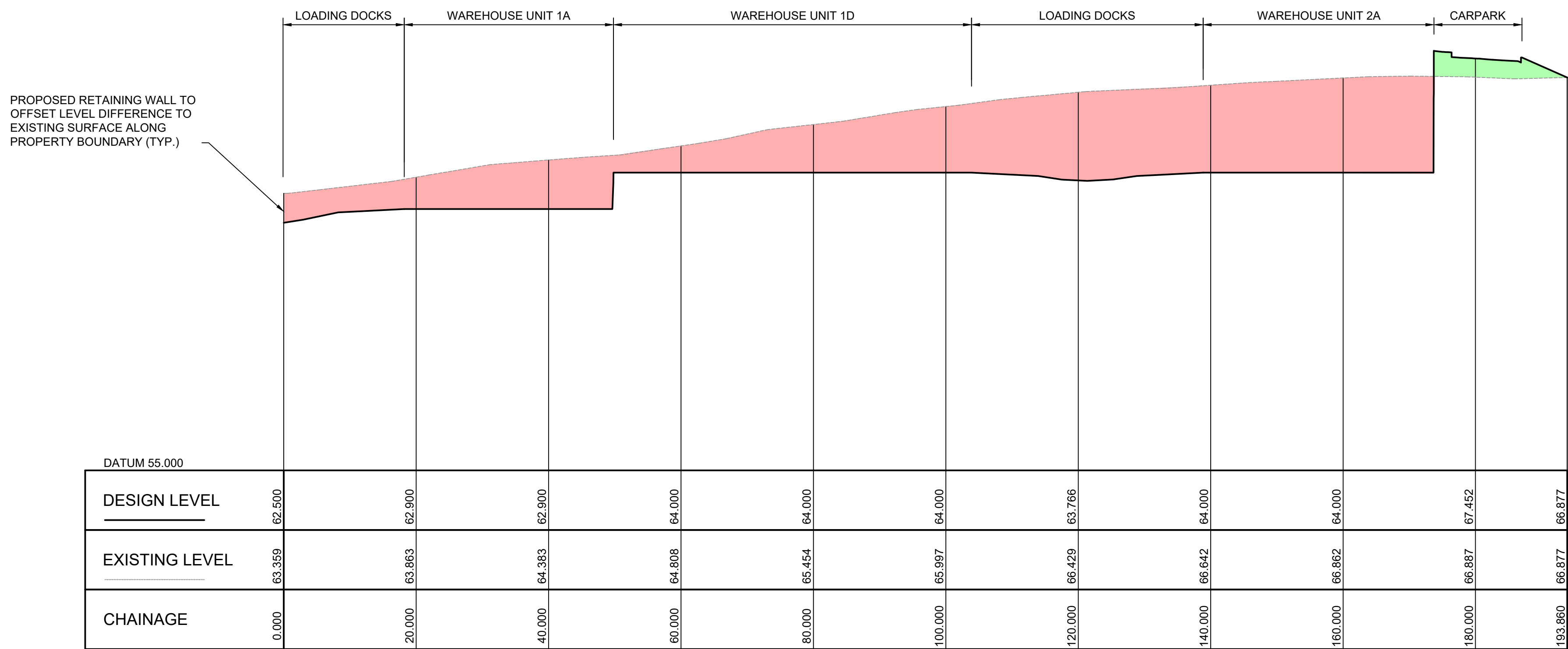
PROJECT

575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS

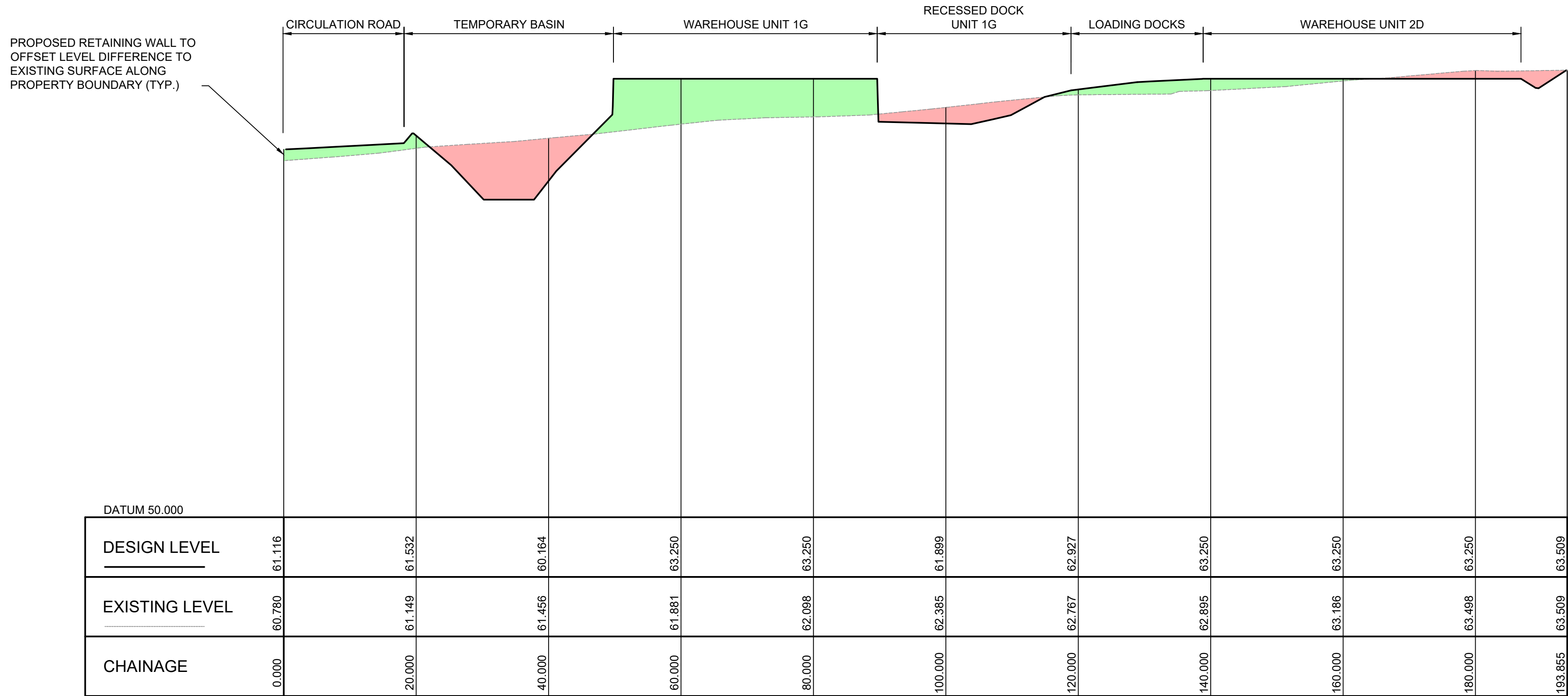
DRAWING TITLE

SITE SECTIONS
SHEET 1

SCALE	1:500,100	STATUS	DA
DRAWING NO.	21-034-DA-C135	REV	D



SECTION 3
1:500 (H) 1:100 (V) C130




SECTION 4
1:500 (H) 1:100 (V) C130

LEGEND

PROPOSED CUT AREAS

PROPOSED FILL AREAS

D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr

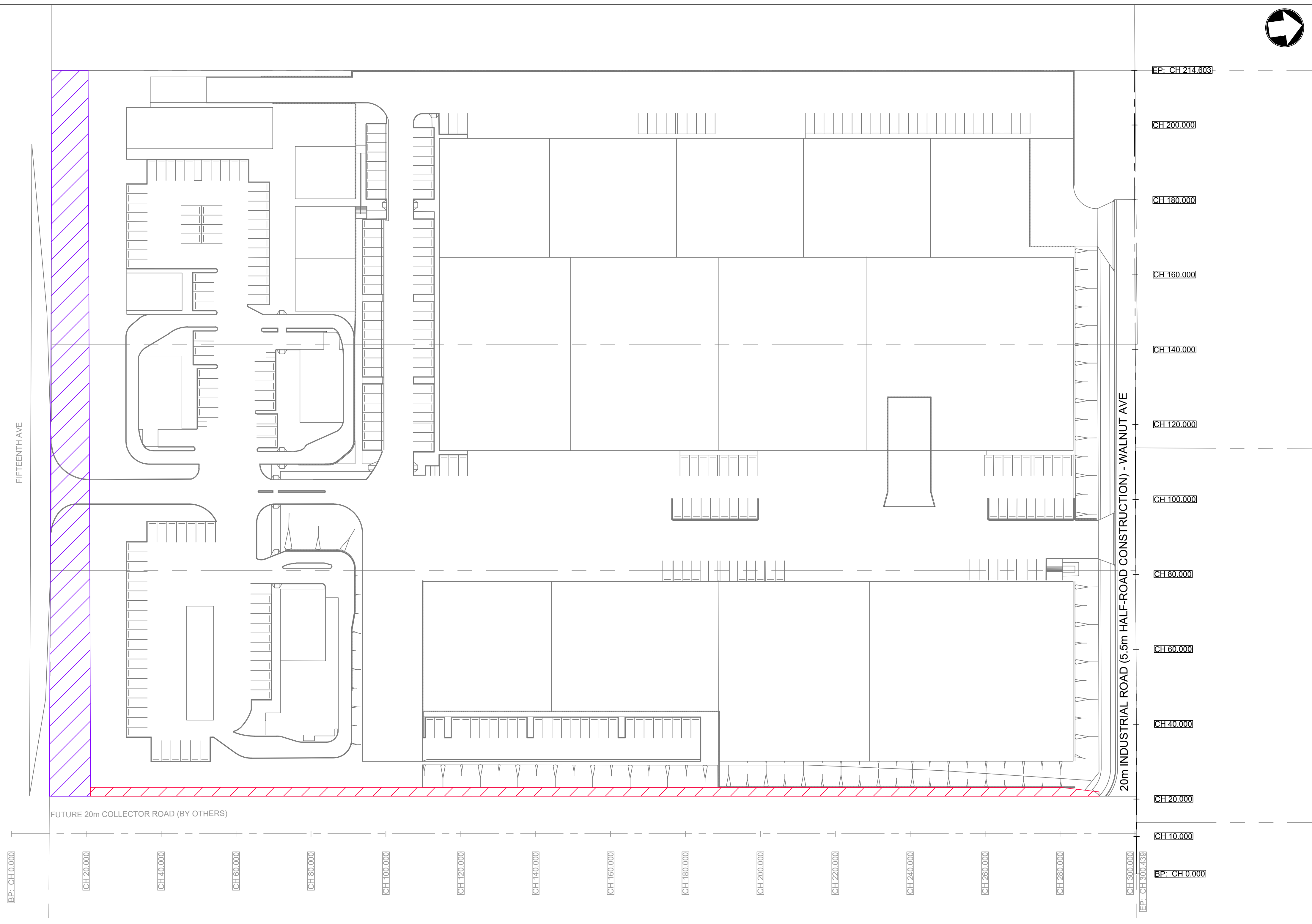
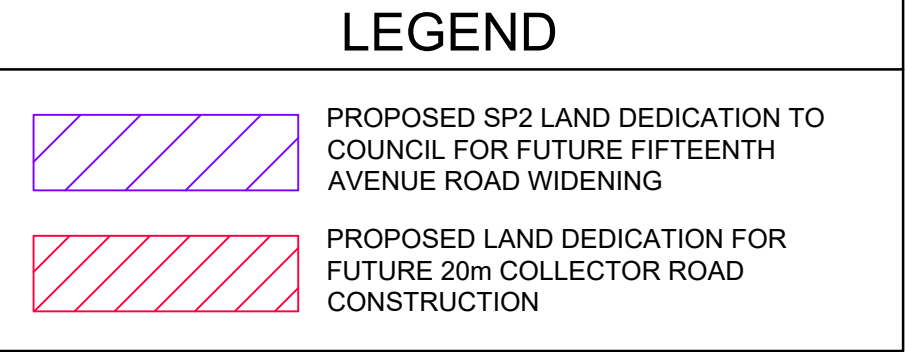


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PROJECT
575-595 FIFTEENTH AVENUE
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CIVIL WORKS

DRAWING TITLE
SITE SECTIONS
SHEET 2

SCALE	1:500,100	STATUS	DA
DRAWING NO.	21-034-DA-C136	REV	D



D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr

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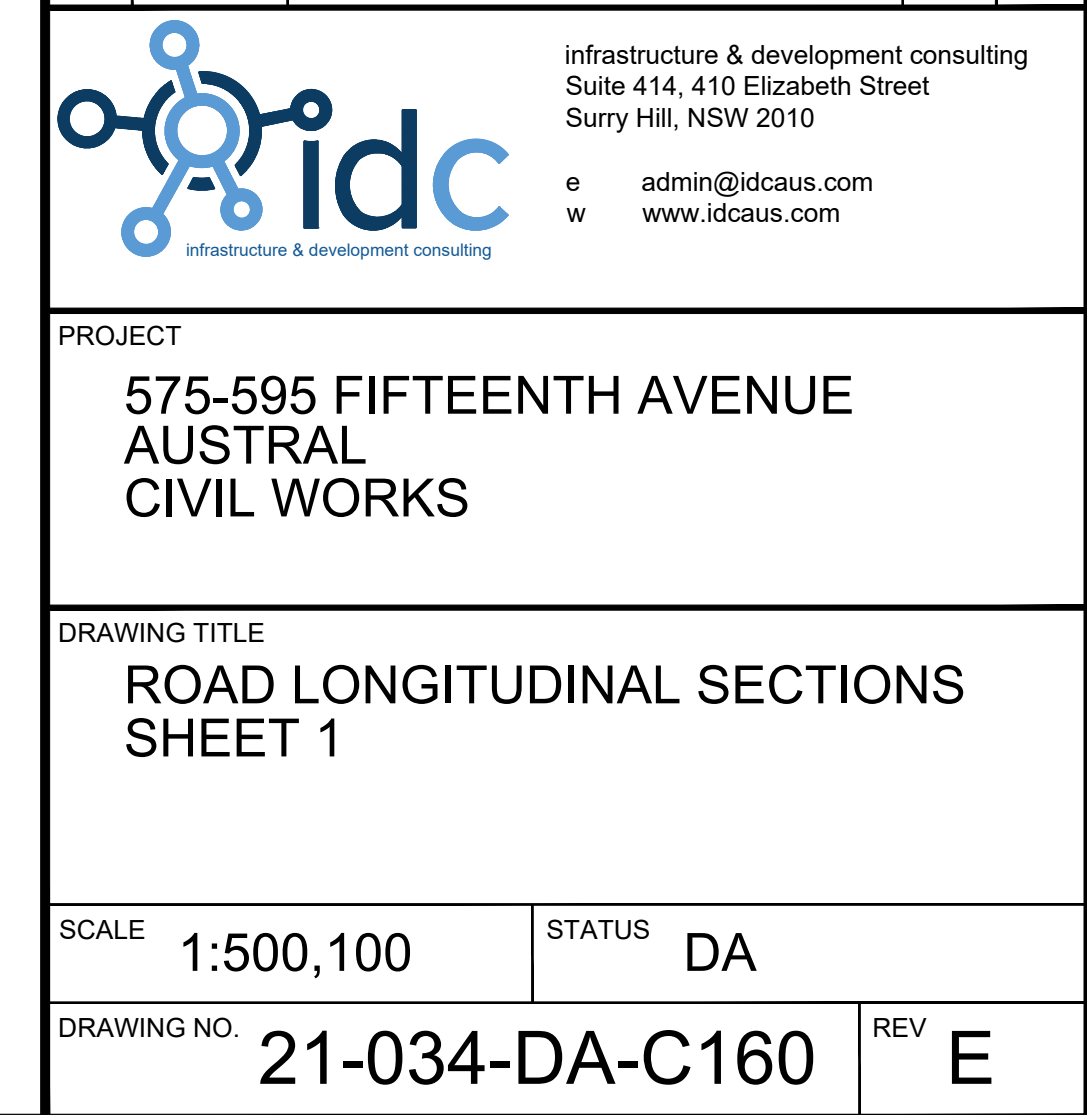
PROJECT

575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS

DRAWING TITLE

ROAD ALIGNMENT CONTROL PLAN

SCALE	1:600	STATUS	DA
DRAWING NO.	21-034-DA-C150	REV	D



NOTES:

- EXISTING SERVICES AS SHOWN ON THIS PLAN HAVE BEEN PLOTTED FROM A COMBINATION OF SITE SURVEY AND DBYD AND ARE INDICATIVE ONLY. CONTRACTOR TO VERIFY THE LOCATION AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS
- CONTRACTOR TO LOCATE LINE AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS. ALLOW TO ADJUST EXISTING SERVICES AS REQUIRED TO SUIT. ALL WORKS IN ACCORDANCE WITH SERVICE PROVIDERS REQUIREMENTS

EXISTING REDUNDANT PROPERTY SERVICES TO BE DEMOLISHED AND REMOVED (TYP)

PROPOSED RAMP UP TO SERVICE BAY. DETAILS TO BE CONFIRMED DURING DETAILED DESIGN PHASE

PROPOSED RETAINING WALL TO OFFSET LEVEL DIFFERENCE TO EXISTING SURFACE ALONG SITE BOUNDARY (TYP.)

MATCH TO EXISTING SURFACE AT PROPERTY BOUNDARY AND MAKE SMOOTH CONNECTION (TYP)

TEMPORARY 20m WIDE LEVEL SPREADER. REFER TO DETAIL ON DRAWING C250

TEMPORARY CIRCULATION ROAD TO SUIT INTERIM ARRANGEMENT

PROPOSED TEMPORARY LEFT IN / LEFT OUT DRIVEWAY ACCESS TO SUIT INTERIM ARRANGEMENT PRIOR TO FIFTEENTH AVE UPGRADE WORKS (BY OTHERS)

MATCH TO EXISTING EDGE OF PAVEMENT LEVELS IN FIFTEENTH AVE AND MAKE SMOOTH TRANSITION

MATCH TO EXISTING LEVELS ALONG PROPERTY BOUNDARY AND MAKE SMOOTH TRANSITION (TYP)

PROPOSED LANDSCAPE BATTER. SLOPE VARIES TO SUIT. MAX 1(V):3(H) (TYP)

LOCALLY GRADE LANDSCAPING TO DRAIN AWAY FROM PROPOSED BUILDINGS. DETAILS TO BE CONFIRMED DURING DETAILED DESIGN PHASE

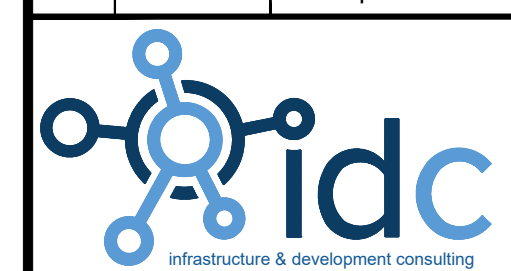
LEVELS ALONG CENTRELINE OF NEW 20m WIDE INDUSTRIAL HALF-ROAD TO MATCH AS CLOSELY AS POSSIBLE TO EXISTING SURFACE (TYP)

LEGEND

LEGEND

- PROPOSED SP2 LAND DEDICATION TO COUNCIL FOR FUTURE FIFTEENTH AVENUE ROAD WIDENING
- PROPOSED LAND DEDICATION FOR FUTURE 20m COLLECTOR ROAD CONSTRUCTION
- CONSTRUCT BATTER
- PROPOSED FINISHED SURFACE LEVEL
- PROPOSED STORMWATER GRATE LEVEL
- PROPOSED PAVEMENT GRADE AND DIRECTION OF FALL
- MAJOR CONTOUR
- MINOR CONTOUR
- BUILDING PAVEMENT TO STRUCTURAL ENGINEERS FUTURE DETAIL
- TEMPORARY CIRCULATION ROAD TEMPORARY PAVEMENT TO SUIT INTERIM ARRANGEMENT AND PROVIDE VEHICLE ACCESS TO HALF-ROAD ALONG NORTHERN PORTION OF LOT.

Rev	Date	Description	Drawn	Appr
E	25.03.24	RE-ISSUED FOR DA	MRN	DR
D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR

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PROJECT
**575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS**

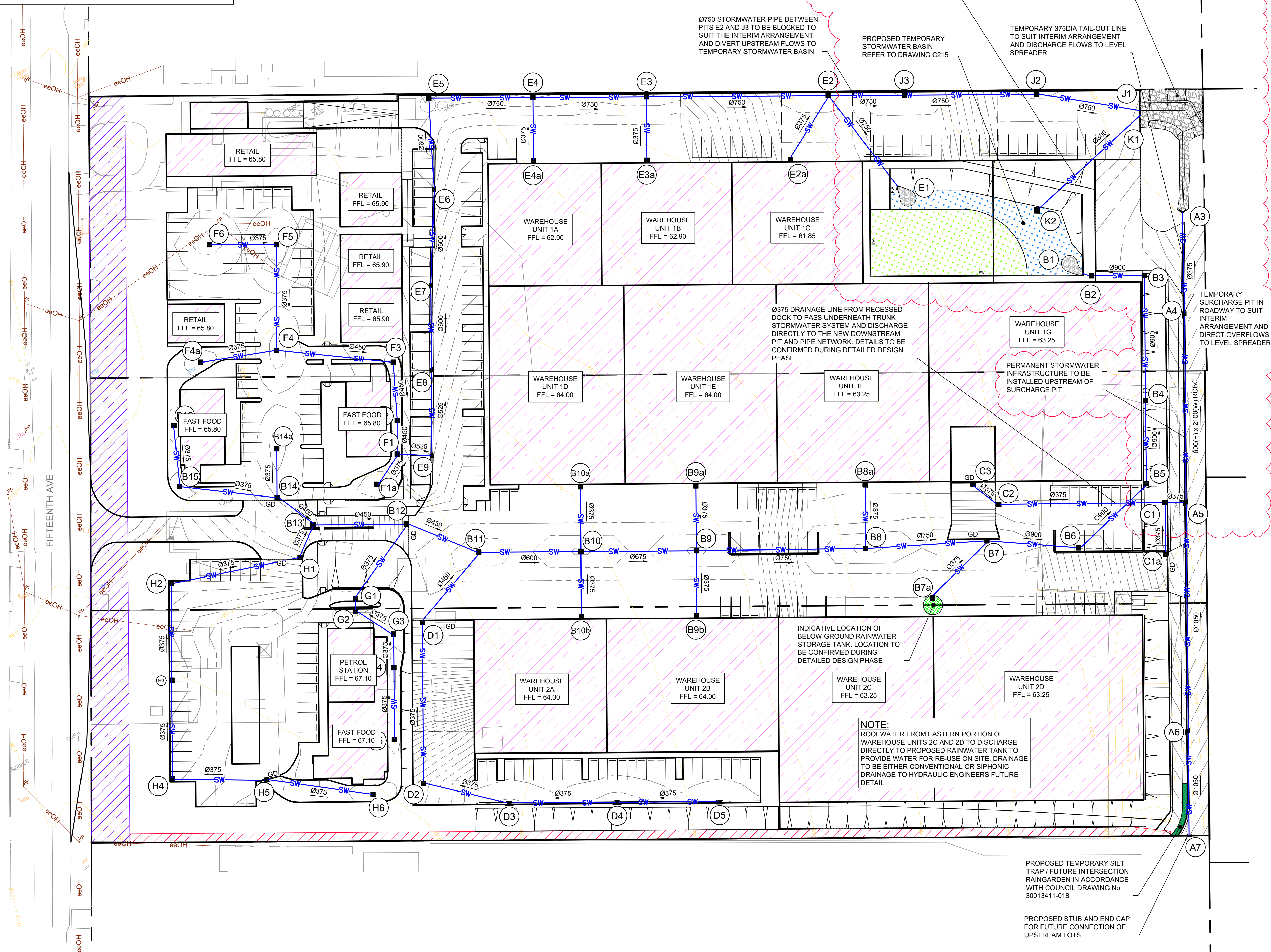
DRAWING TITLE
SITWORKS GRADING PLAN

SCALE **1:500** STATUS **DA**

DRAWING NO. **21-034-DA-C200** REV **E**

NOTES:

- EXISTING SERVICES AS SHOWN ON THIS PLAN HAVE BEEN PLOTTED FROM A COMBINATION OF SITE SURVEY AND DBYD AND ARE INDICATIVE ONLY. CONTRACTOR TO VERIFY THE LOCATION AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS
- CONTRACTOR TO LOCATE LINE AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS. ALLOW TO ADJUST EXISTING SERVICES AS REQUIRED TO SUIT. ALL WORKS IN ACCORDANCE WITH SERVICE PROVIDERS REQUIREMENTS



LEGEND

- LEGEND**
- PROPOSED SP2 LAND DEDICATION TO COUNCIL FOR FUTURE FIFTEENTH AVENUE ROAD WIDENING
 - PROPOSED LAND DEDICATION FOR FUTURE 20m COLLECTOR ROAD CONSTRUCTION
 - STORMWATER DRAINAGE STRUCTURE / PIT NUMBER
 - SURFACE INLET PIT/JUNCTION PIT IN ACCORDANCE WITH DETAIL ON DRAWING C206
 - PROPOSED GRATED DRAIN
 - V-DRAIN DRAINAGE PIT IN ACCORDANCE WITH DETAIL ON DRAWING C206
 - KERB INLET PIT WITH LINTEL IN ACCORDANCE WITH COUNCIL DRAWING NO. D8
 - PROPOSED STORMWATER DRAINAGE LINE WITH PIPE SIZE
 - PROPOSED HEADWALL OUTLET
 - TEMPORARY STORMWATER BASIN. REFER TO DRAWING C210 FOR DETAILS
 - PROVIDE OUTLET SCOUR PROTECTION. DETAILS TO BE CONFIRMED DURING DETAIL DESIGN STAGE
 - BUILDING PAVEMENT TO STRUCTURAL ENGINEERS FUTURE DETAIL
 - PROPOSED TEMPORARY SILT TRAP / FUTURE INTERSECTION RAINGARDEN IN ACCORDANCE WITH COUNCIL DRAWING No. 30013411-018

E	25.03.24	RE-ISSUED FOR DA	MRN	DR
D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr

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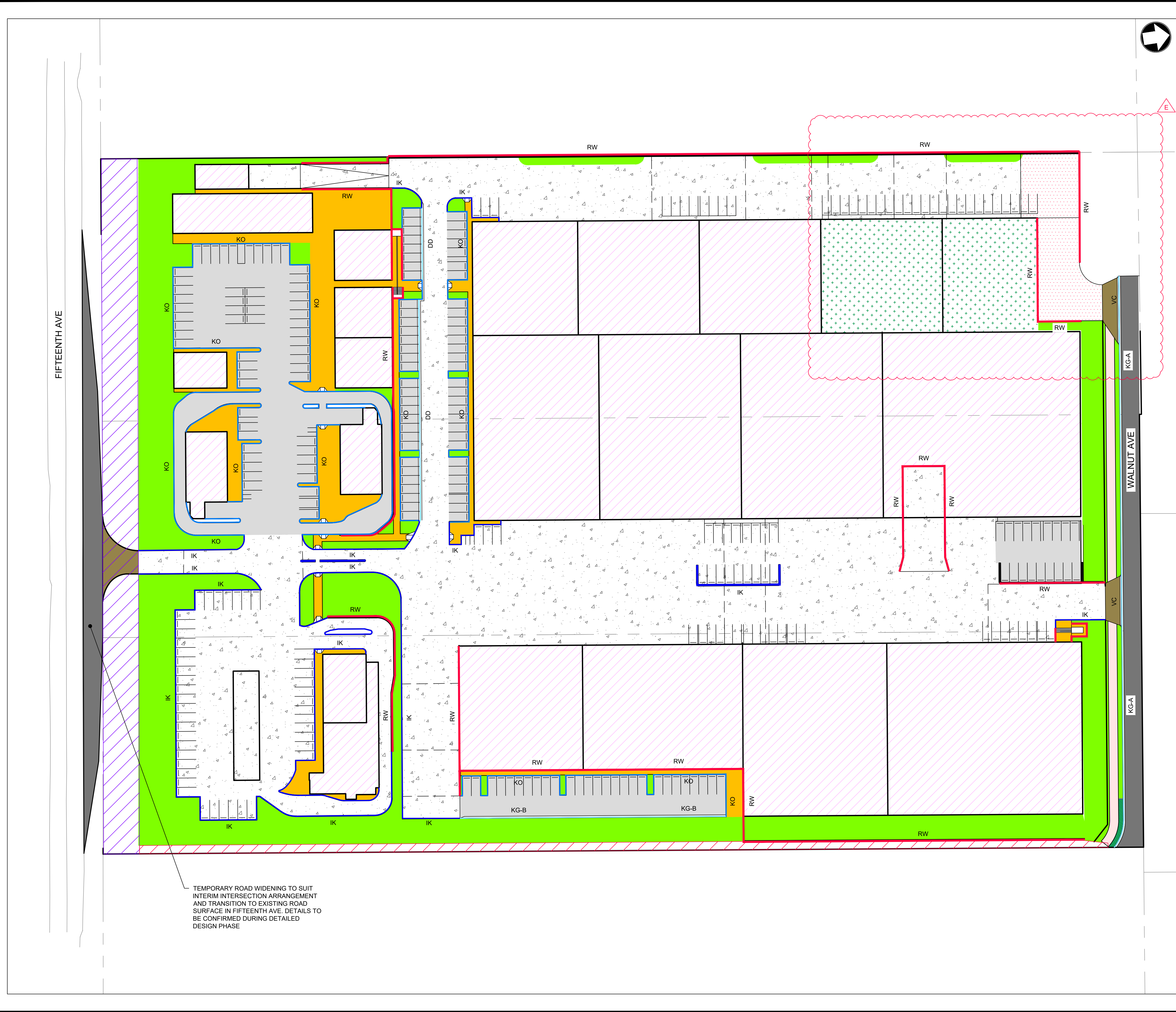
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PROJECT
**575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS**

DRAWING TITLE
**STORMWATER MANAGEMENT PLAN
PHASE 1**

SCALE **1:500** STATUS **DA**

DRAWING NO. **21-034-DA-C201** REV **E**



LEGEND

LIGHT DUTY CONCRETE PAVEMENT
TO BE CONFIRMED BY GEOTECHNICAL
ENGINEER DURING DETAILED DESIGN
STAGE

HEAVY DUTY CONCRETE PAVEMENT
TO BE CONFIRMED BY GEOTECHNICAL
ENGINEER DURING DETAILED DESIGN
STAGE

ASPHALTIC CONCRETE PAVEMENT
TO BE CONFIRMED BY GEOTECHNICAL
ENGINEER DURING DETAILED DESIGN
STAGE

TEMPORARY ROAD PAVEMENT
TO BE CONFIRMED BY GEOTECHNICAL
ENGINEER DURING DETAILED DESIGN
STAGE

PROPOSED FOOTPATH PAVEMENT
TO BE CONFIRMED BY GEOTECHNICAL
ENGINEER DURING DETAILED DESIGN
STAGE

PROPOSED SHARED PATH
IN ACCORDANCE WITH COUNCIL
DRAWING R23A

CONCRETE DRIVEWAY PAVEMENT
IN ACCORDANCE WITH COUNCIL
DRAWING R25

PROPOSED LANDSCAPING
IN ACCORDANCE WITH LANDSCAPE
ARCHITECTS REQUIREMENTS

BUILDING PAVEMENT
TO STRUCTURAL ENGINEERS FUTURE
DETAIL

TEMPORARY DRAINAGE LAND
REFER TO DRAWING C210 FOR DETAILS

RW
PROPOSED RETAINING WALL
TO STRUCTURAL ENGINEERS
FUTURE DETAIL

IK
INTEGRAL KERB
REFER DETAIL ON DRAWING C206

KO
KERB ONLY
REFER DETAIL ON DRAWING C206

DD
DISH DRAIN
REFER DETAIL ON DRAWING C206

KG-A
KERB AND GUTTER - TYPE A
REFER COUNCIL DRAWING R2

KG-B
KERB AND GUTTER - TYPE B
REFER DETAIL ON DRAWING C206

PROPOSED SP2 LAND DEDICATION TO
COUNCIL FOR FUTURE FIFTEENTH
AVENUE ROAD WIDENING

PROPOSED LAND DEDICATION FOR
FUTURE 20m COLLECTOR ROAD
CONSTRUCTION

PROPOSED TEMPORARY SILT TRAP /
FUTURE INTERSECTION RAINGARDEN
IN ACCORDANCE WITH COUNCIL
DRAWING No. 30013411-018

ALL PAVEMENTS ARE INDICATIVE ONLY. TO BE CONFIRMED BY
GEOTECHNICAL ENGINEER DURING SUBSEQUENT DETAILED
DESIGN STAGE

E	25.03.24	RE-ISSUED FOR DA	MRN	DR
D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr

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PROJECT

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DRAWING TITLE

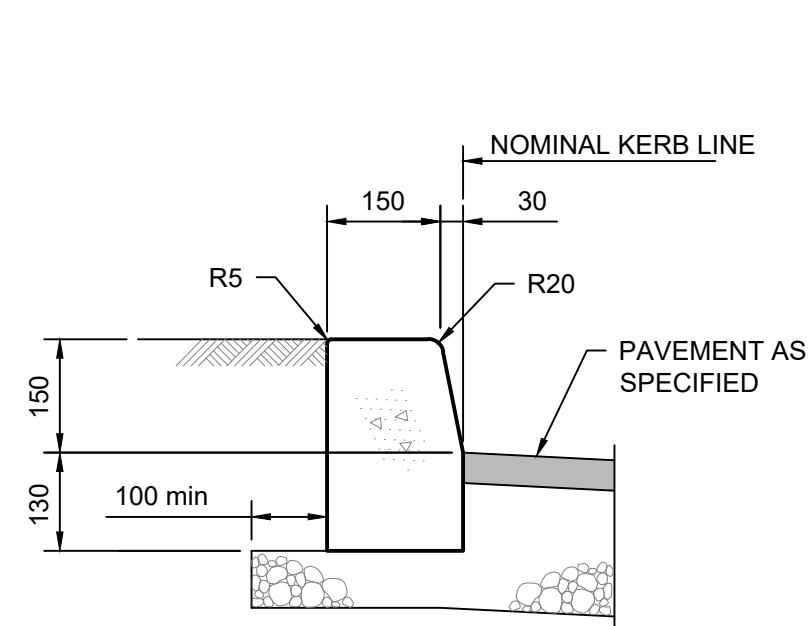
PAVEMENT PLAN

SCALE 1:500

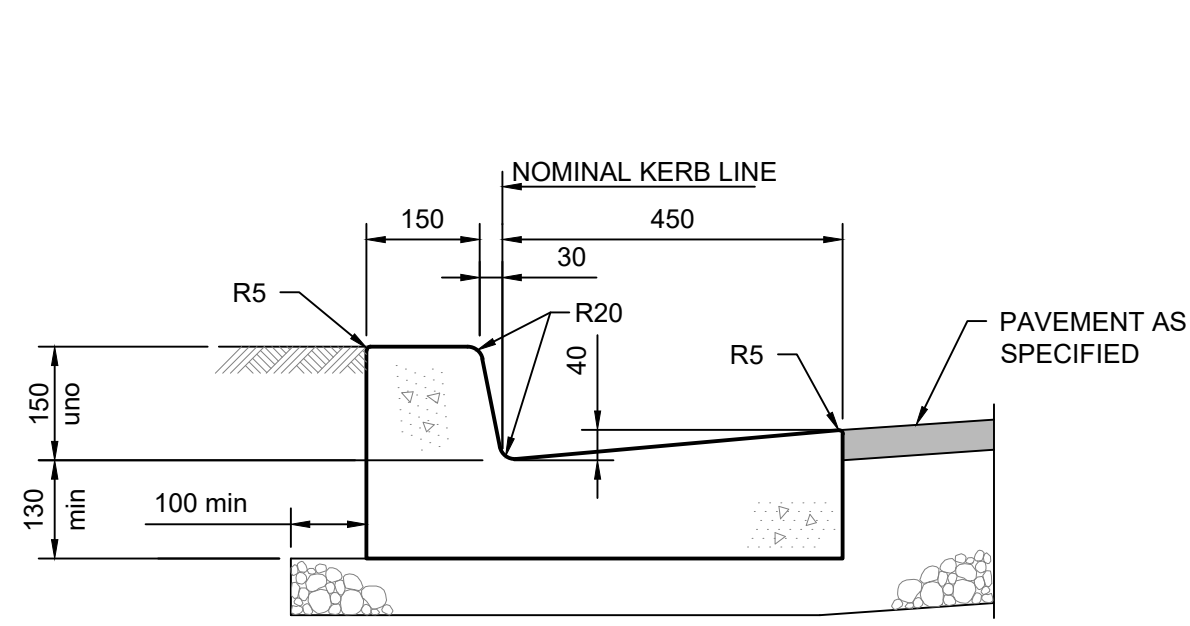
STATUS DA

DRAWING NO. 21-034-DA-C205

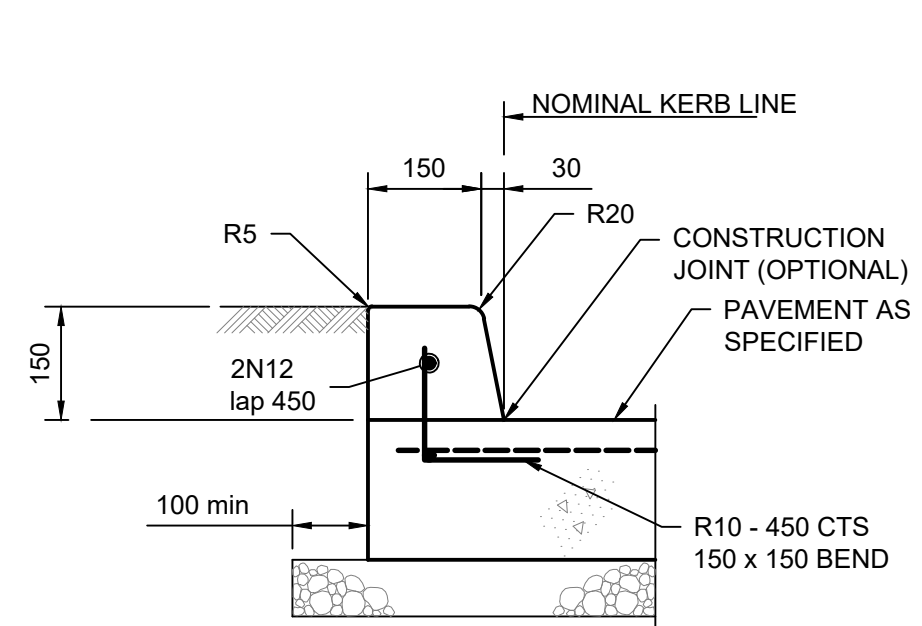
REV E



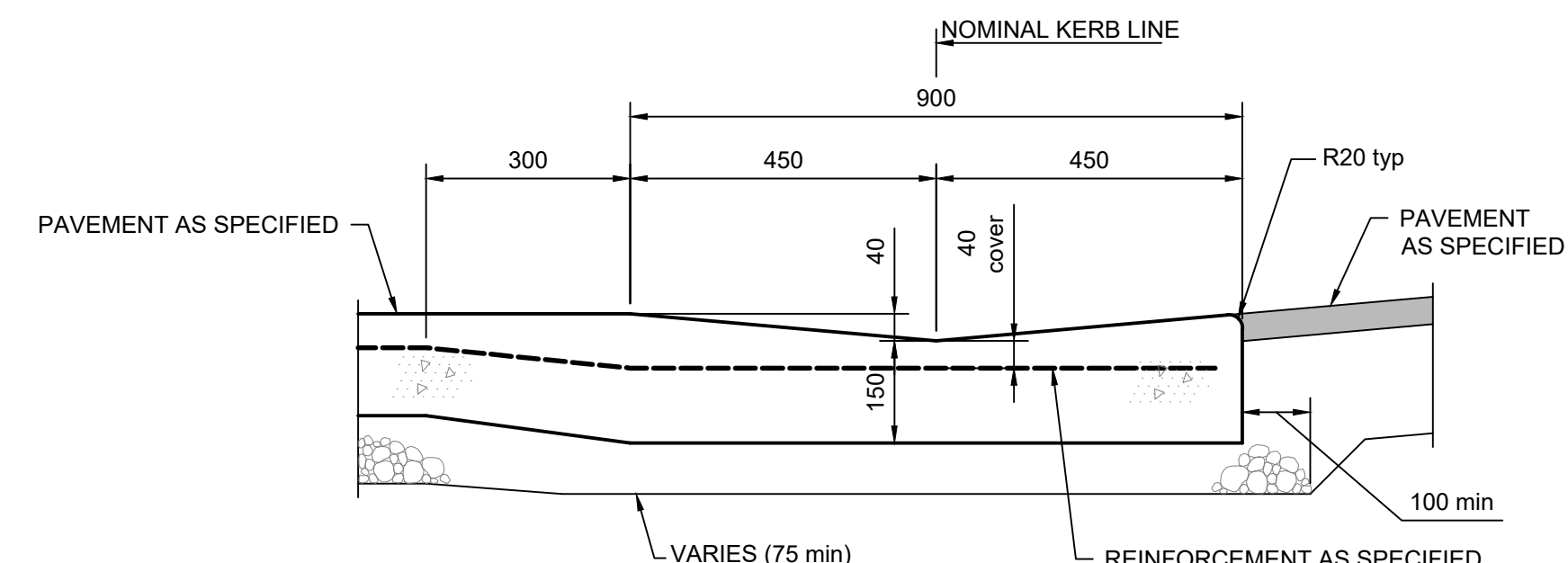
KERB ONLY (KO)
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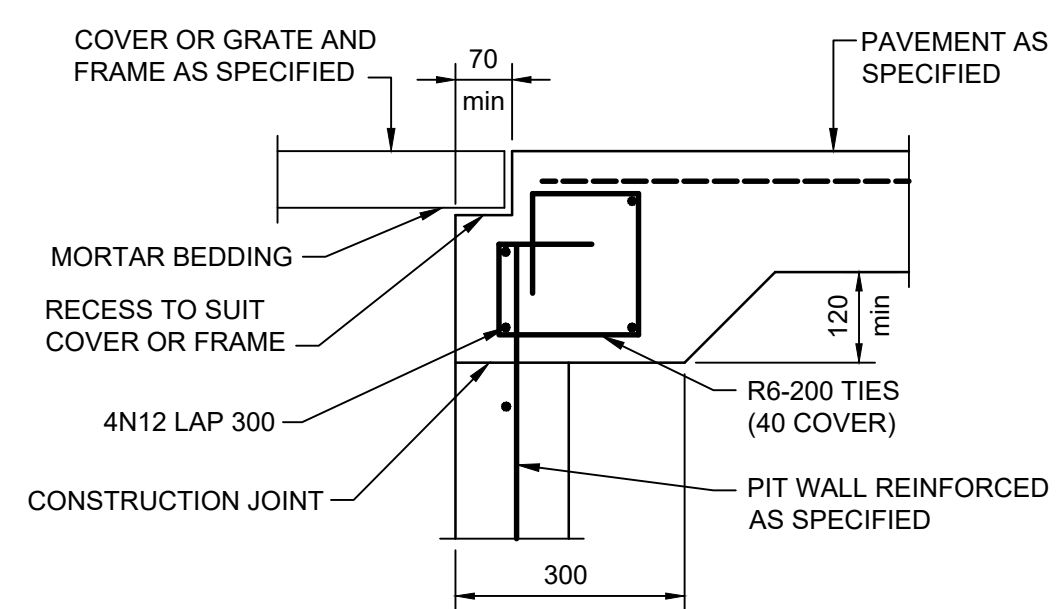
KERB AND GUTTER (KG)
1:10



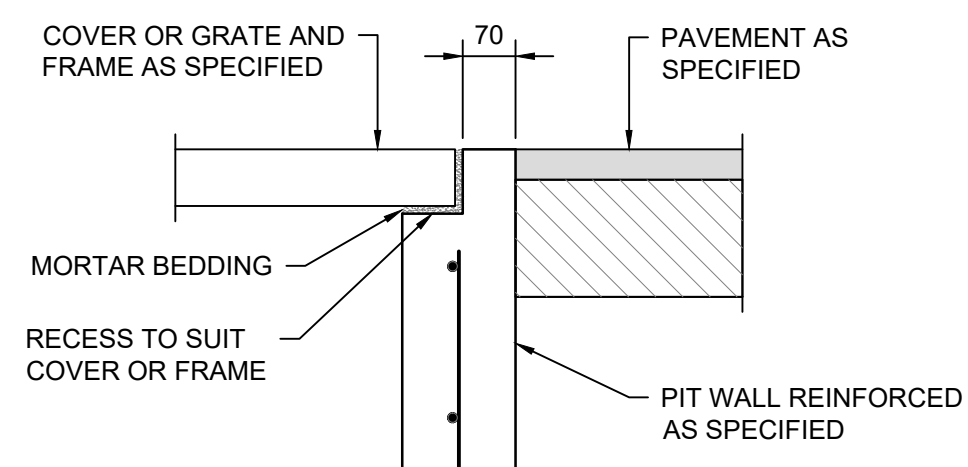
INTEGRAL KERB (IK)
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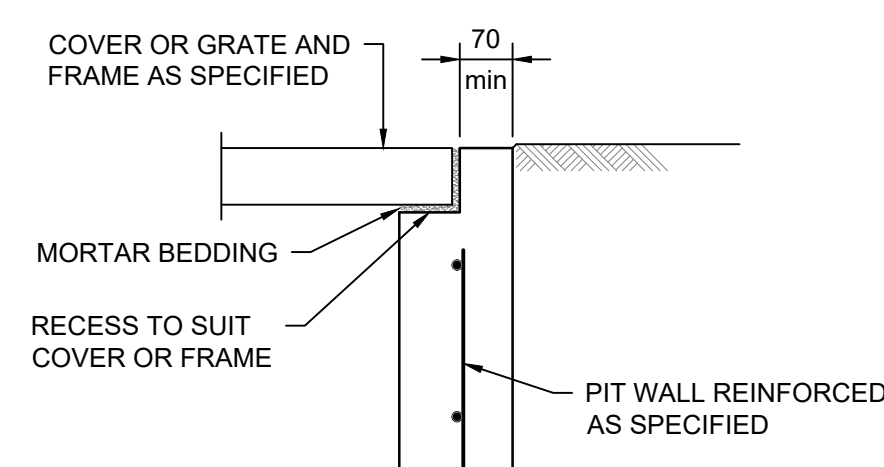
INTEGRAL DISH DRAIN (IDD)
1:10



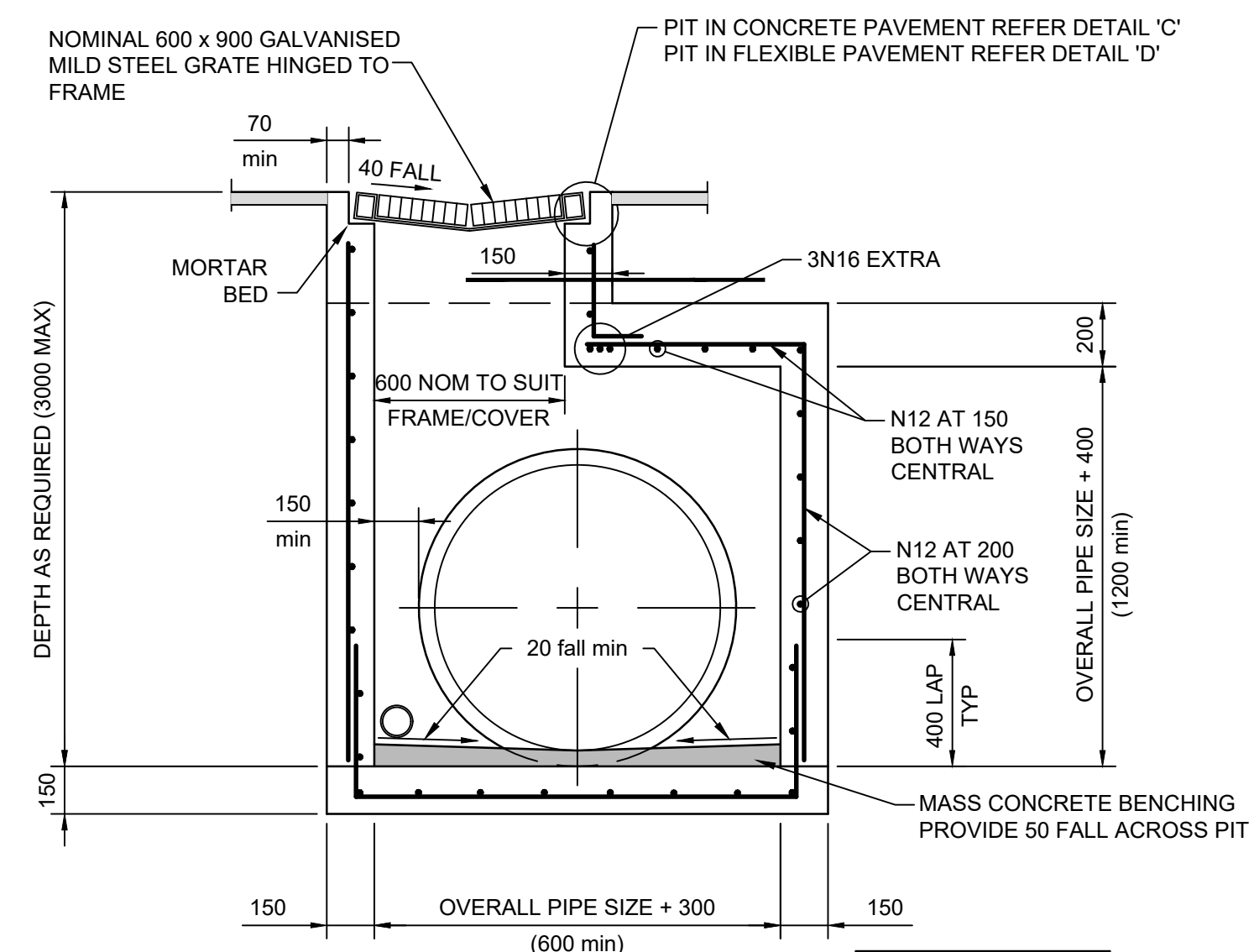
DETAIL 'C'
1:10



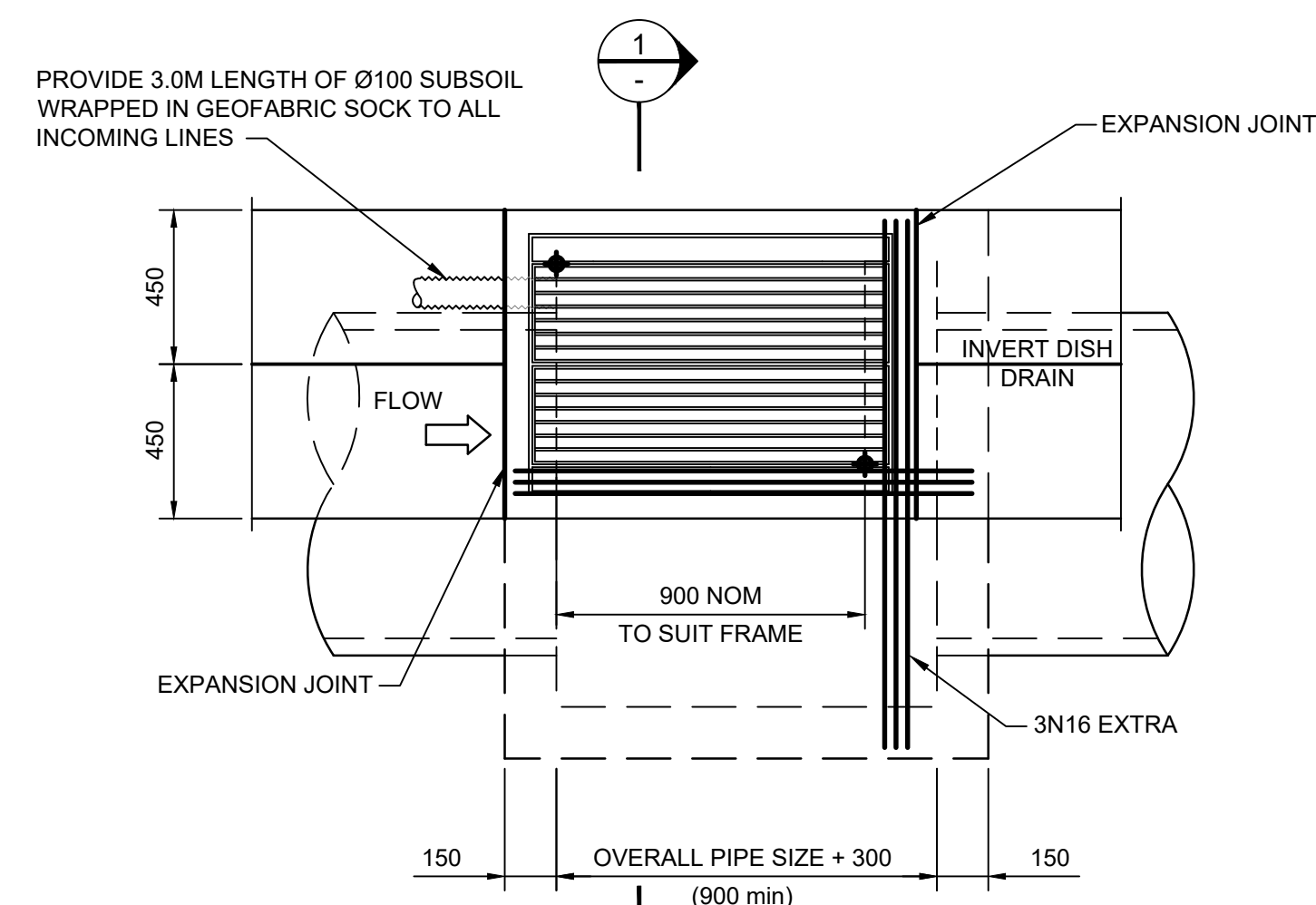
DETAIL 'D'
1:10



DETAIL 'E'
1:10



SECTION 1
1:20




PLAN
1:20

SURFACE INLET PIT
IN DISH DRAIN

LEGEND

Rev	Date	Description	Drawn	Appr
D	08.12.23	RE-ISSUED FOR DA	AP	DR
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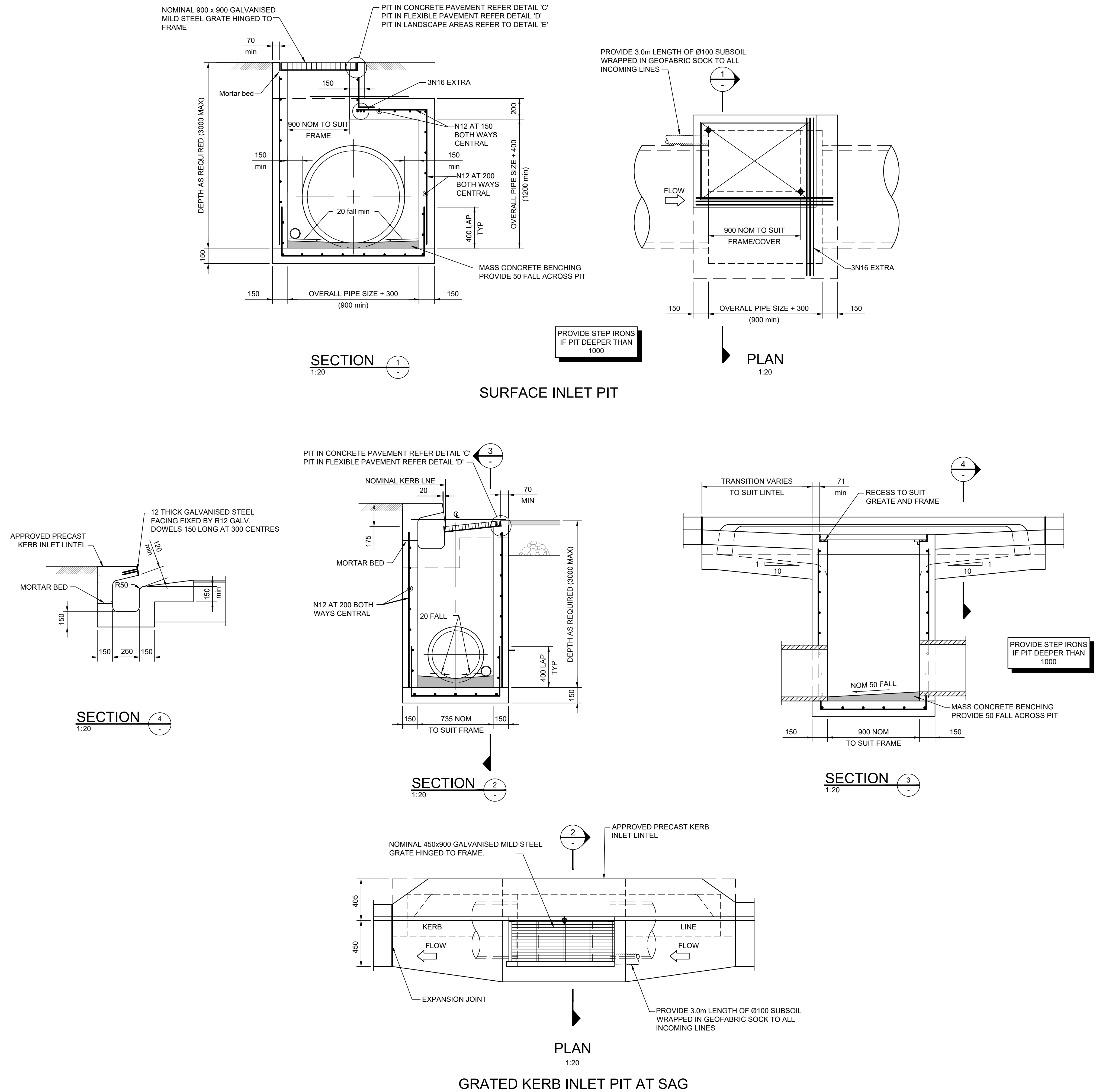
PROJECT
 575-595 FIFTEENTH AVENUE
 AUSTRAL
 CIVIL WORKS

DRAWING TITLE
 SITEWORKS DETAILS
 SHEET 1


SCALE 1:10, 20 STATUS DA

DRAWING NO. 21-034-DA-C206 REV D

LEGEND



Rev	Date	Description	Drawn	Appr
D	08.12.23	RE-ISSUED FOR DA	AP	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR



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PROJECT

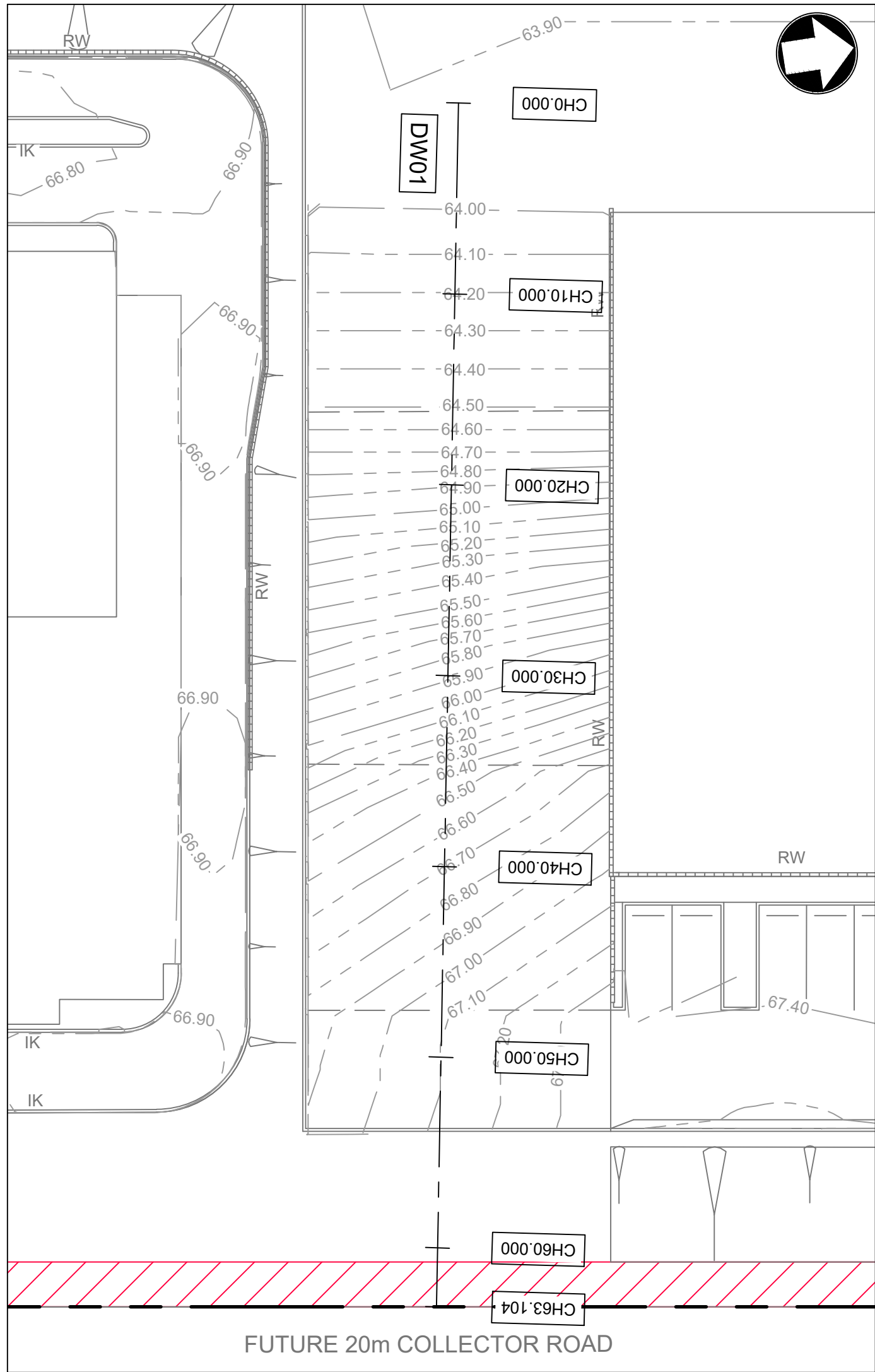
575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS

DRAWING TITLE

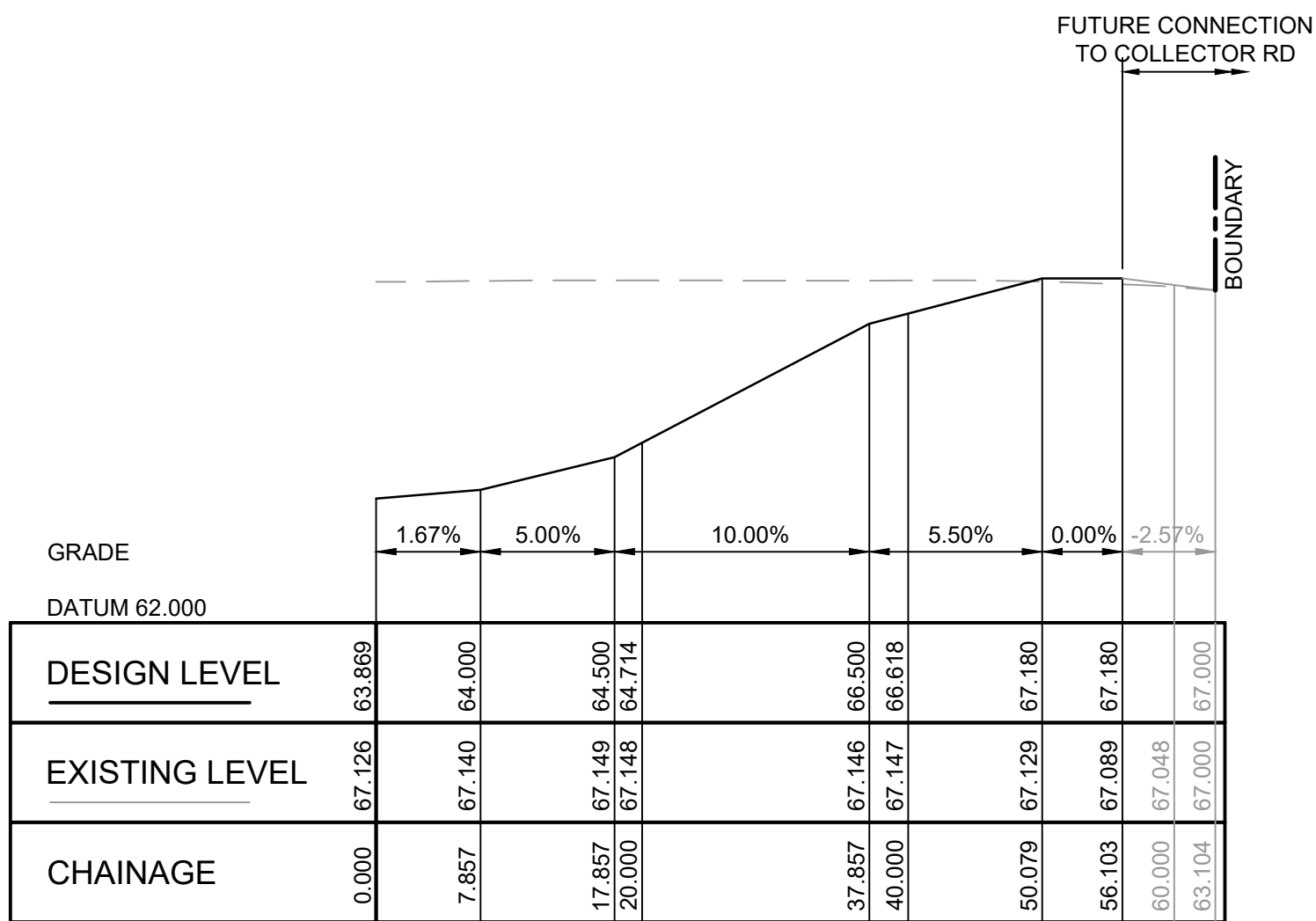
SITEWORKS DETAILS
SHEET 2

SCALE 1:20 STATUS DA

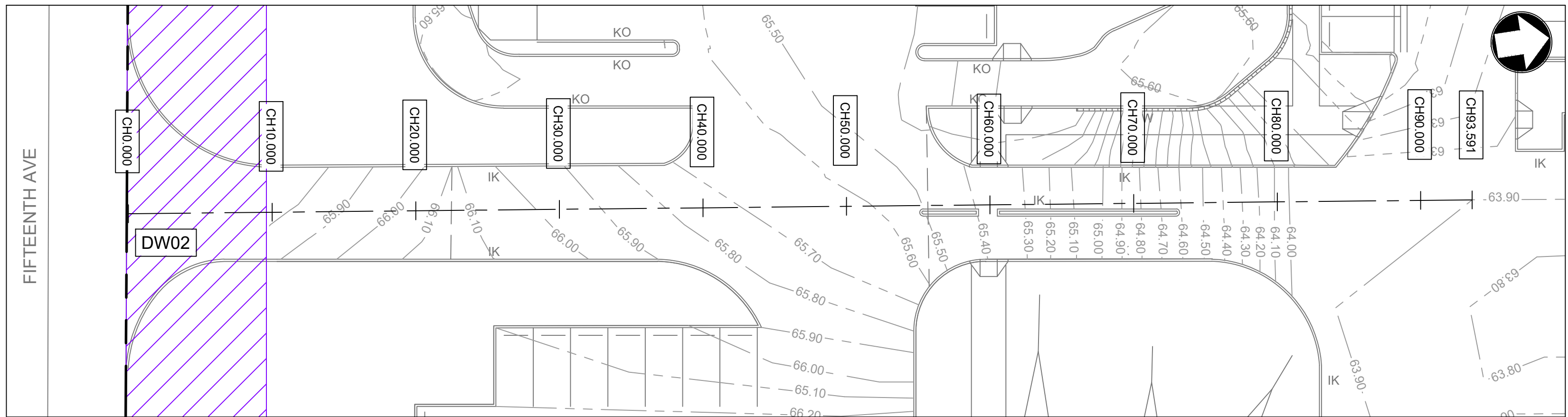
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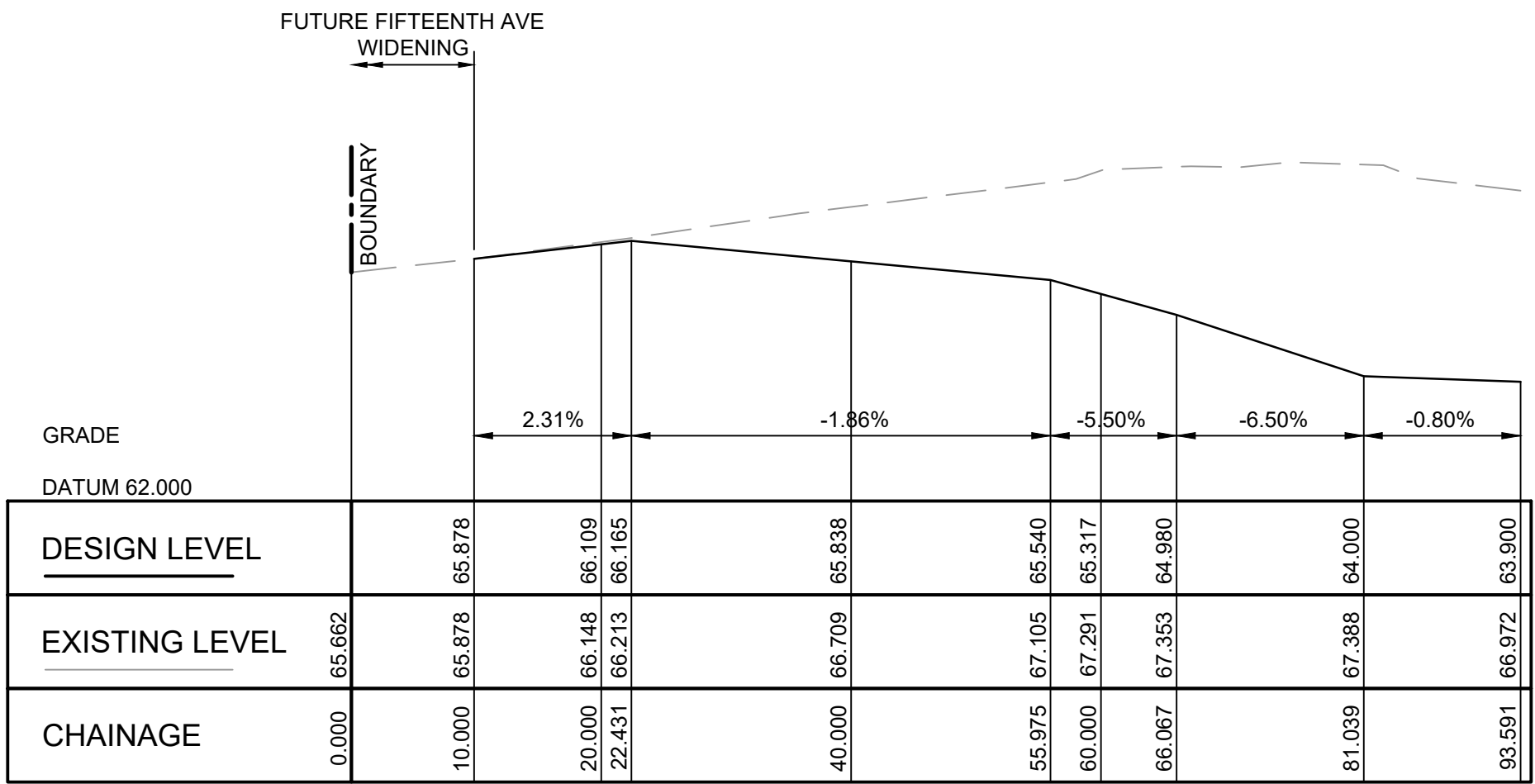
INSET A
1:250



LONGITUDINAL SECTION ALONG DW01



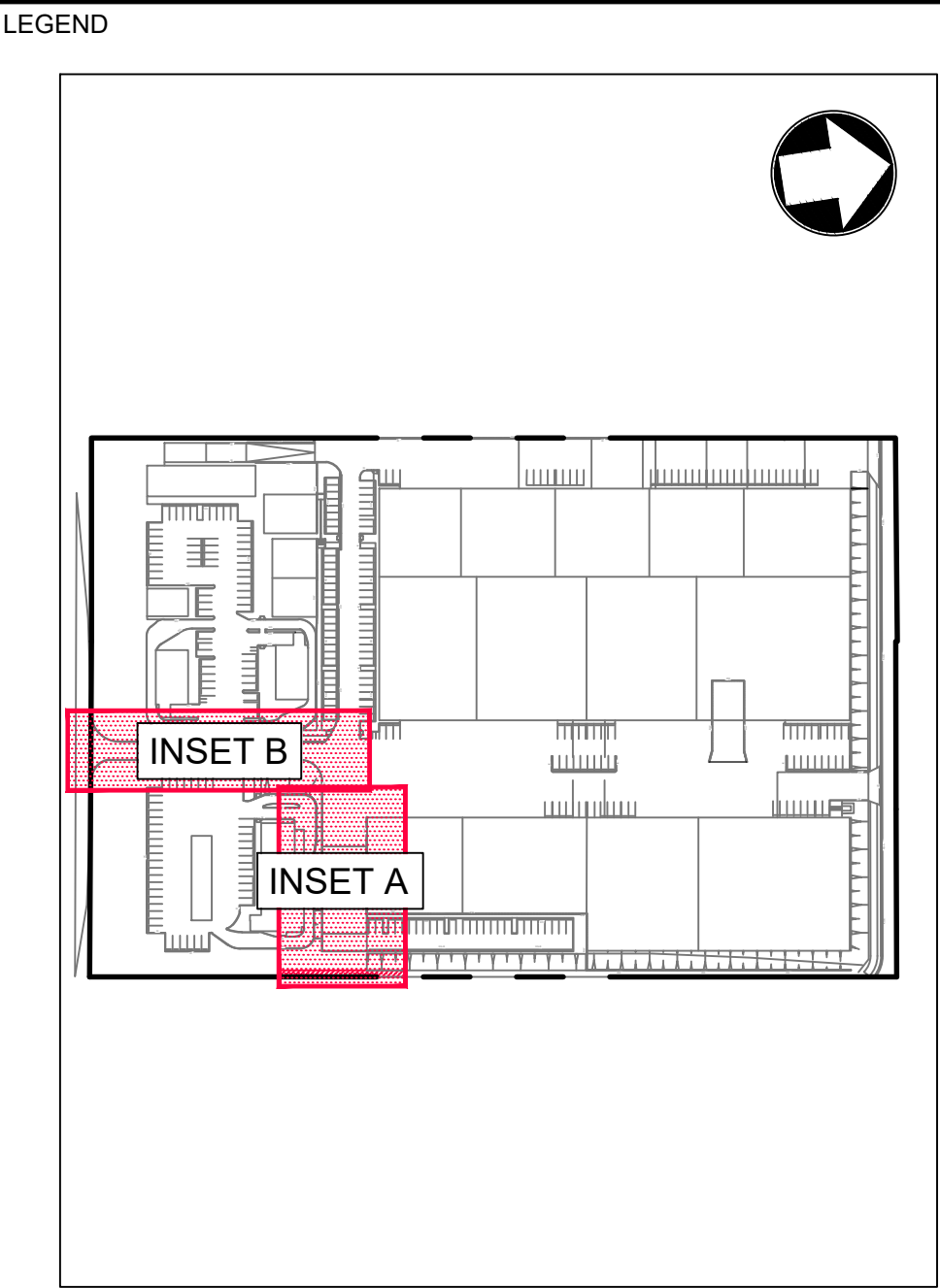
INSET B
1:250



LONGITUDINAL SECTION ALONG DW02

LEGEND

- PROPOSED SP2 LAND DEDICATION TO COUNCIL FOR FUTURE FIFTEENTH AVENUE ROAD WIDENING
- PROPOSED LAND DEDICATION FOR FUTURE 20m COLLECTOR ROAD CONSTRUCTION



KEY PLAN
NTS

C	08.12.23	RE-ISSUED FOR DA	AP	DR
B	24.08.23	RE-ISSUED FOR DA	EB	DR
A	03.08.23	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr

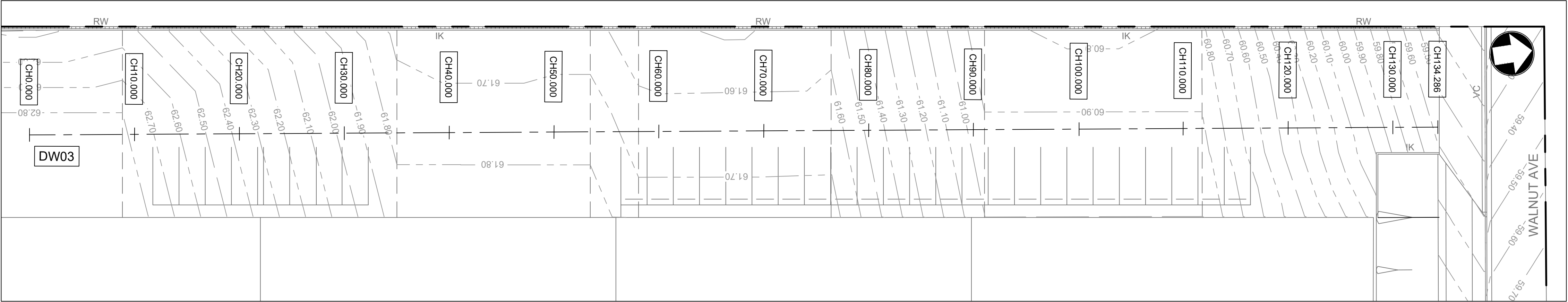
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PROJECT
575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS

DRAWING TITLE
SITEWORKS DETAILS
SHEET 3

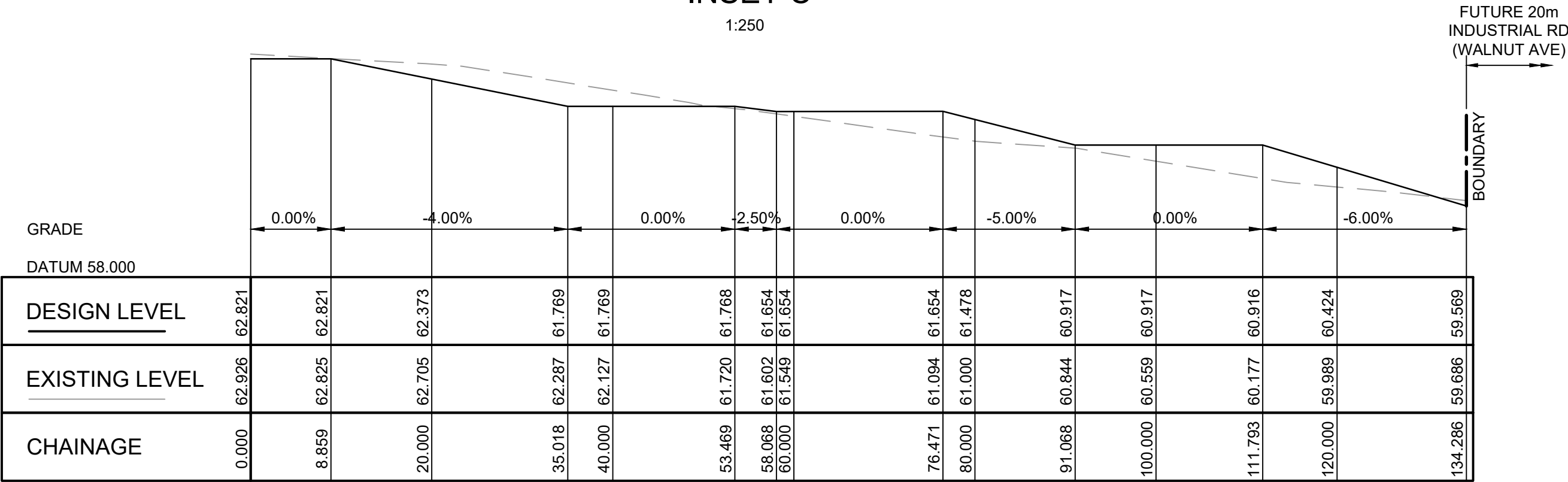
SCALE AS SHOWN STATUS DA

DRAWING NO. 21-034-DA-C208 REV C



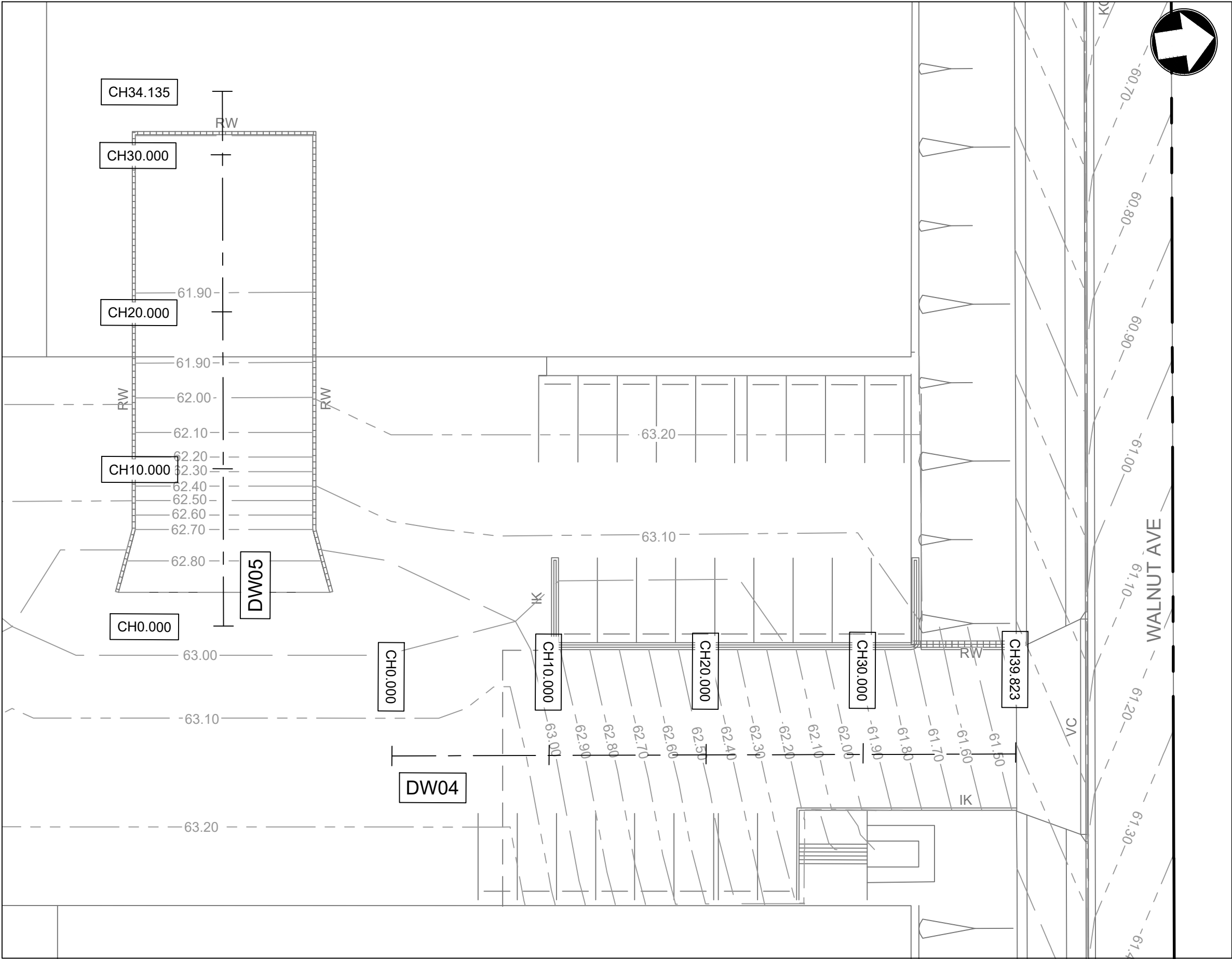
INSET C

1:250



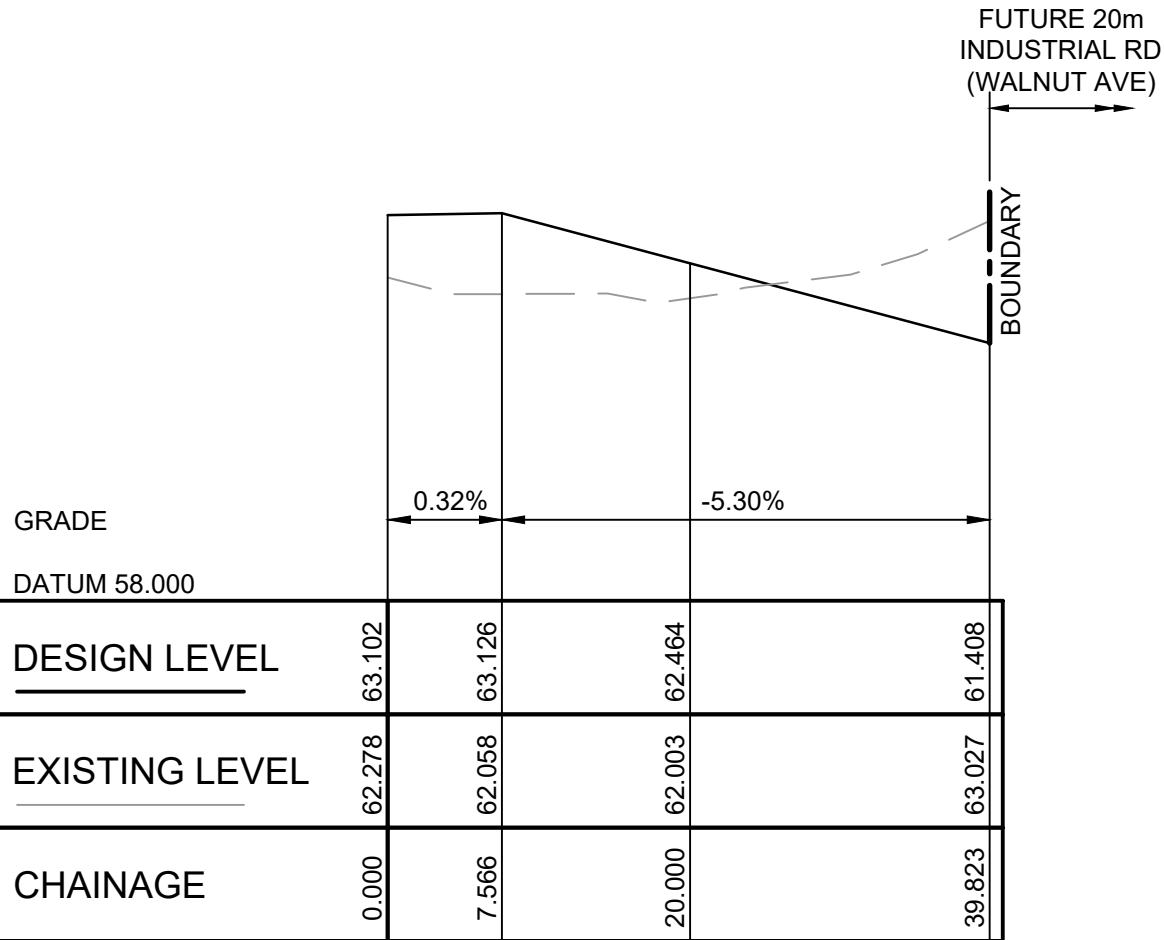
1:500 HOR - 1:100 VER

LONGITUDINAL SECTION ALONG DW03



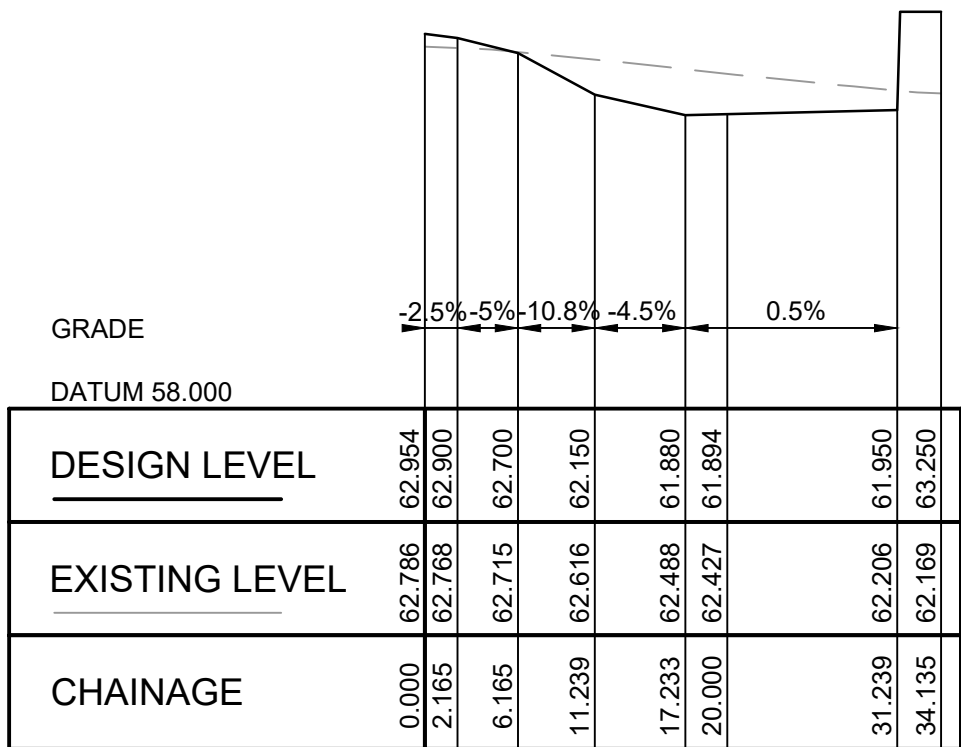
INSET D

1:250



1:500 HOR - 1:100 VER

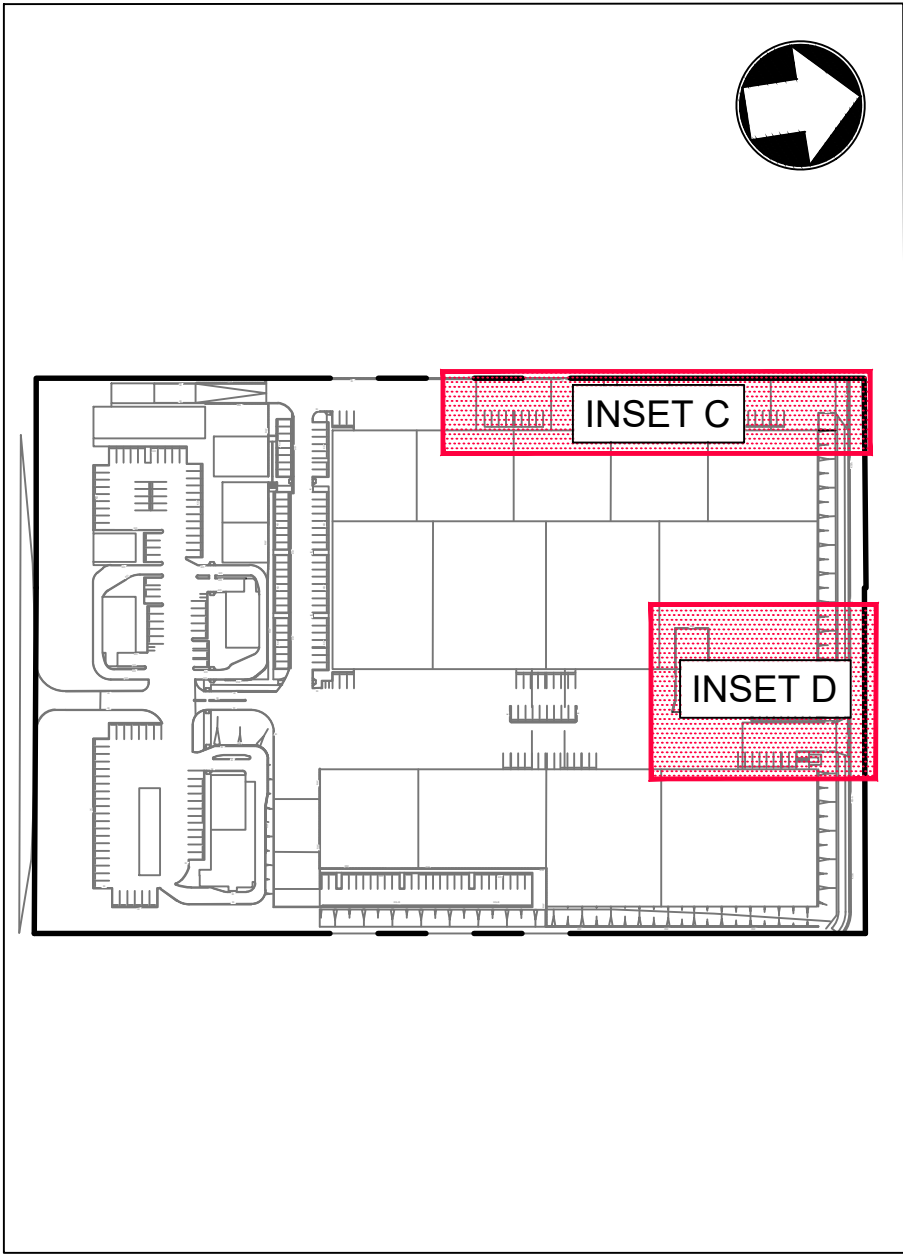
LONGITUDINAL SECTION ALONG DW04



1:500 HOR - 1:100 VER

LONGITUDINAL SECTION ALONG DW05


LEGEND



KEY PLAN

NTS

C	08.12.23	RE-ISSUED FOR DA	AP	DR
B	24.08.23	RE-ISSUED FOR DA	EB	DR
A	03.08.23	ISSUED FOR DA	MRN	DR
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PROJECT

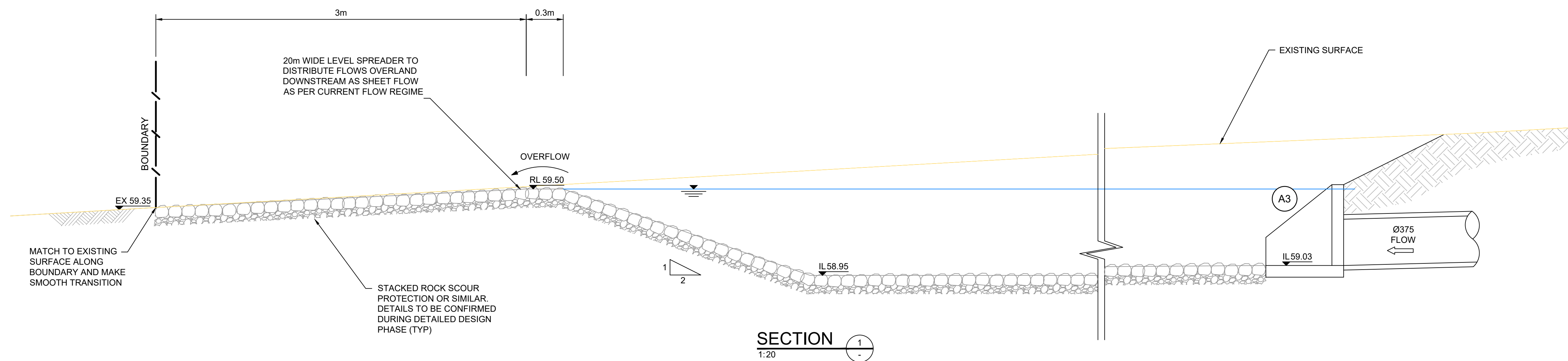
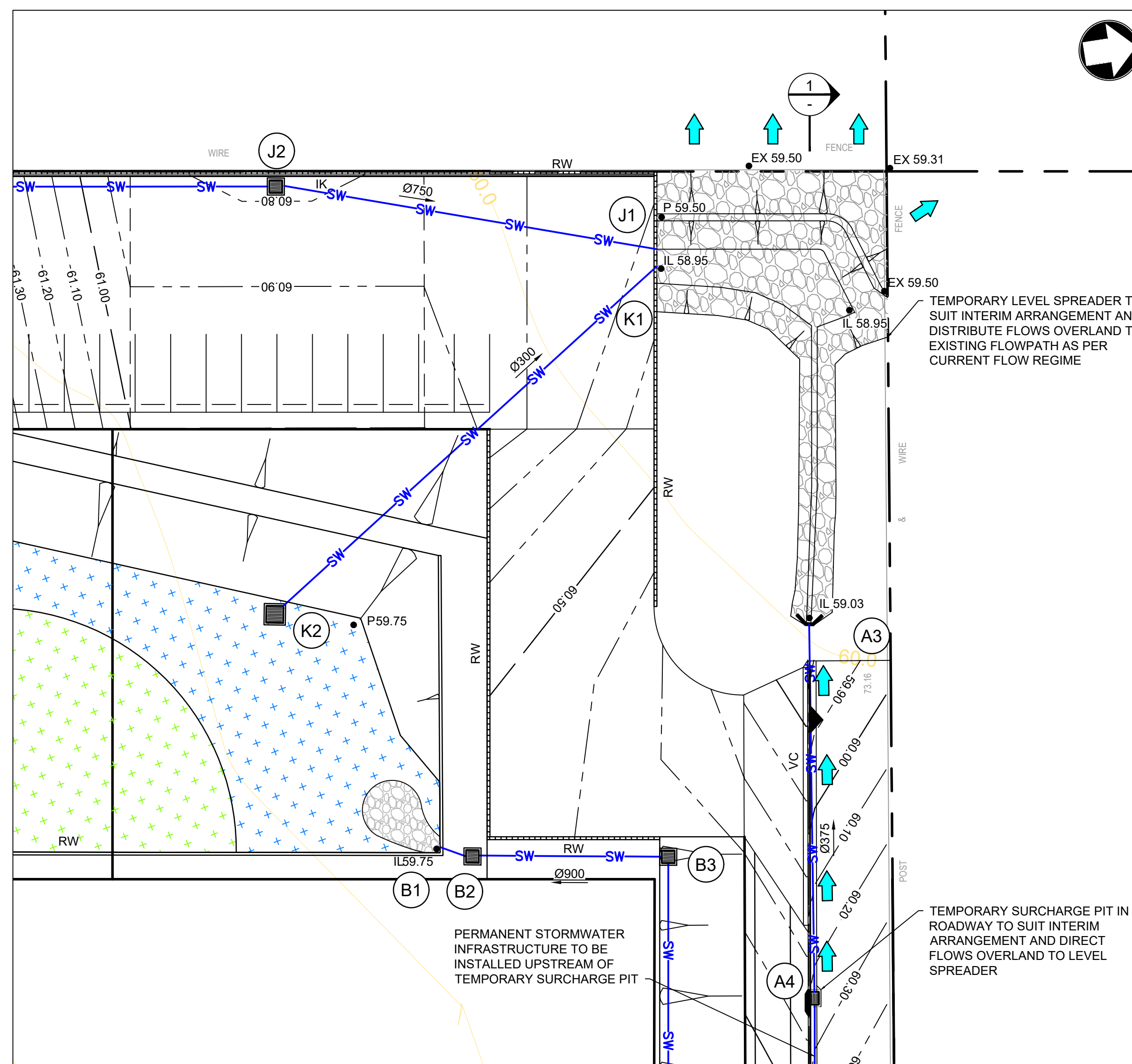
575-595 FIFTEENTH AVENUE
AUSTRAL
CIVIL WORKS

DRAWING TITLE

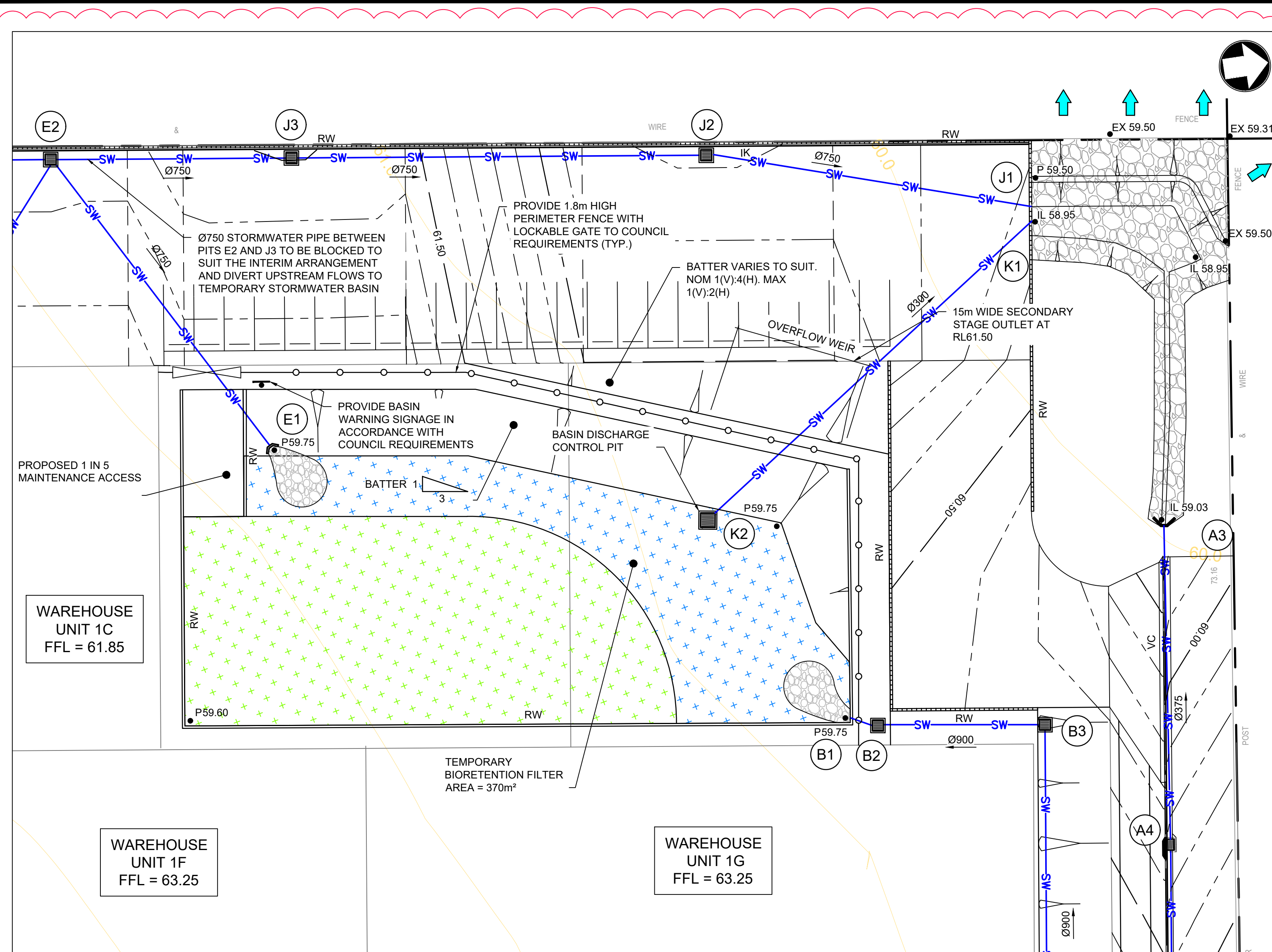
SITEWORKS DETAILS
SHEET 4

SCALE AS SHOWN STATUS DA

DRAWING NO. 21-034-DA-C209 REV C

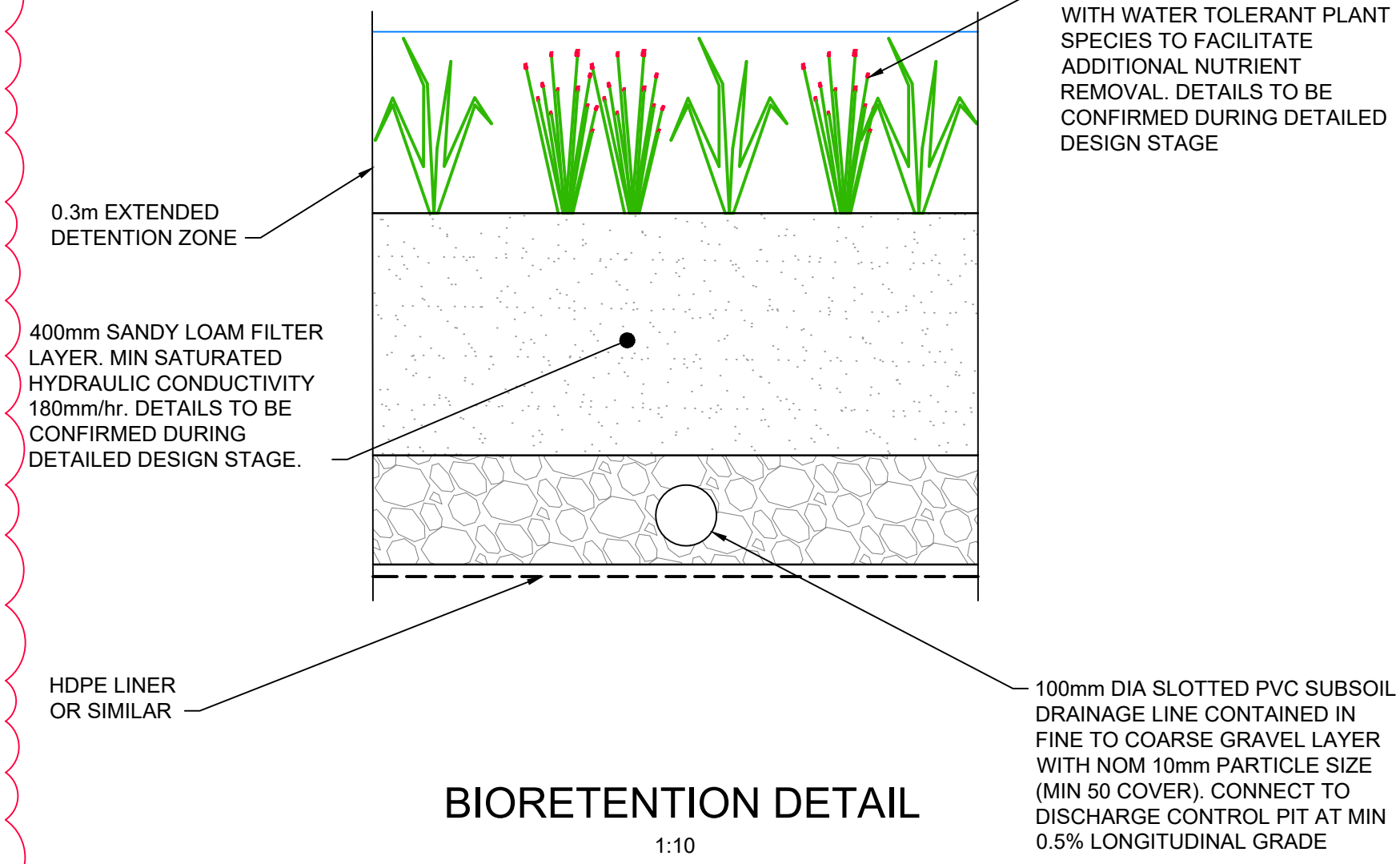


SCALE	AS SHOWN	STATUS	DA
DRAWING NO.	21-034-DA-C210		REV A

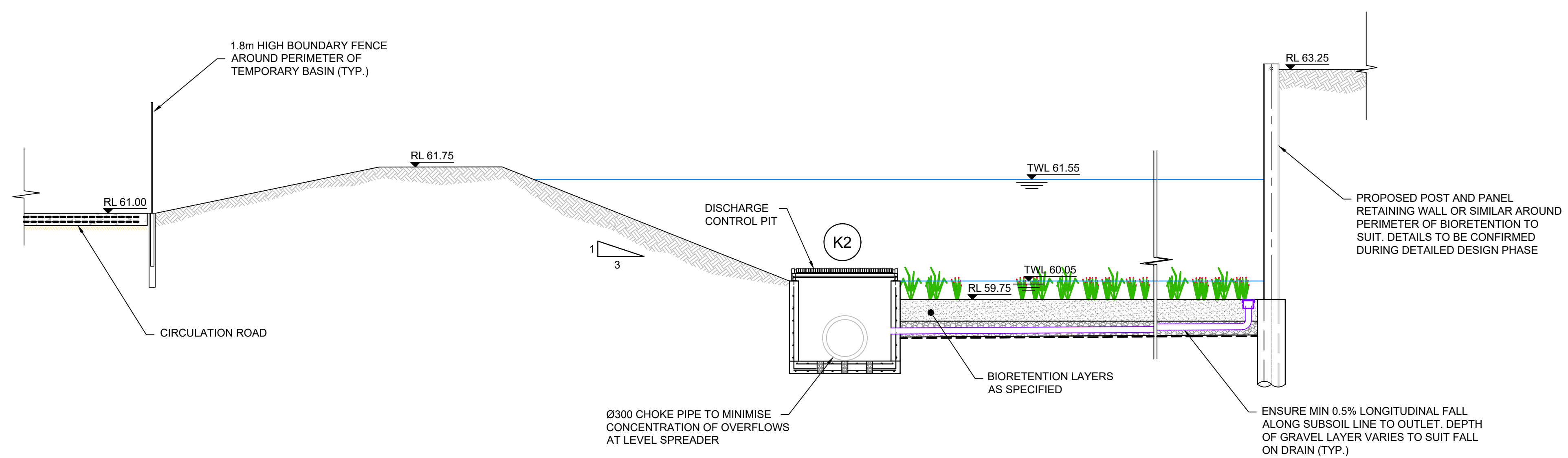


PLAN
1:250

D



BIORETENTION DETAIL
1:10



TYPICAL SECTION
TEMPORARY STORMWATER BASIN
1:50

LEGEND

	370m² BIORETENTION ZONE
	TURF AT BASE OF BASIN
	PROPOSED SCOUR PROTECTION. DETAILS TO BE CONFIRMED DURING DETAILED DESIGN STAGE
	PROVIDE LOCKABLE GATE TO COUNCIL REQUIREMENTS
	CONSTRUCT 1.8M HIGH SAFETY FENCE TO COUNCIL REQUIREMENTS
	PROPOSED OVERLAND FLOW PATH

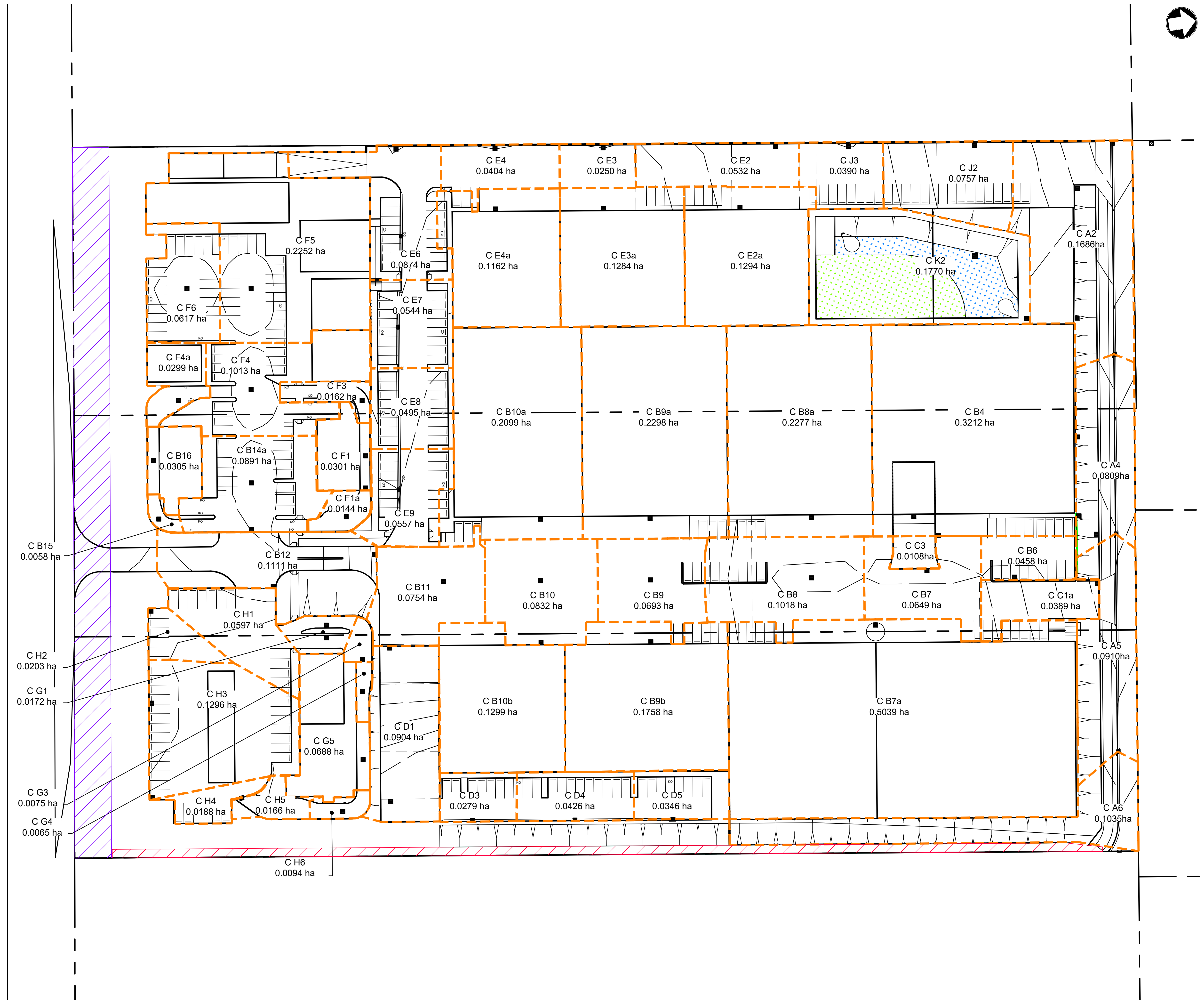
Rev	Date	Description	Drawn	Appr
D	25.03.24	RE-ISSUED FOR DA	MRN	DR
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR

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PROJECT
**575-595 FIFTEENTH AVENUE
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DRAWING TITLE
**TEMPORARY STORMWATER
BASIN PLAN**

SCALE	AS SHOWN	STATUS	DA
DRAWING NO.	21-034-DA-C215	REV	D



LEGEND

PROPOSED SP2 LAND DEDICATION TO COUNCIL FOR FUTURE FIFTEENTH AVENUE ROAD WIDENING

PROPOSED LAND DEDICATION FOR FUTURE 20m COLLECTOR ROAD CONSTRUCTION

Rev	Date	Description	Drawn	Appr
C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR

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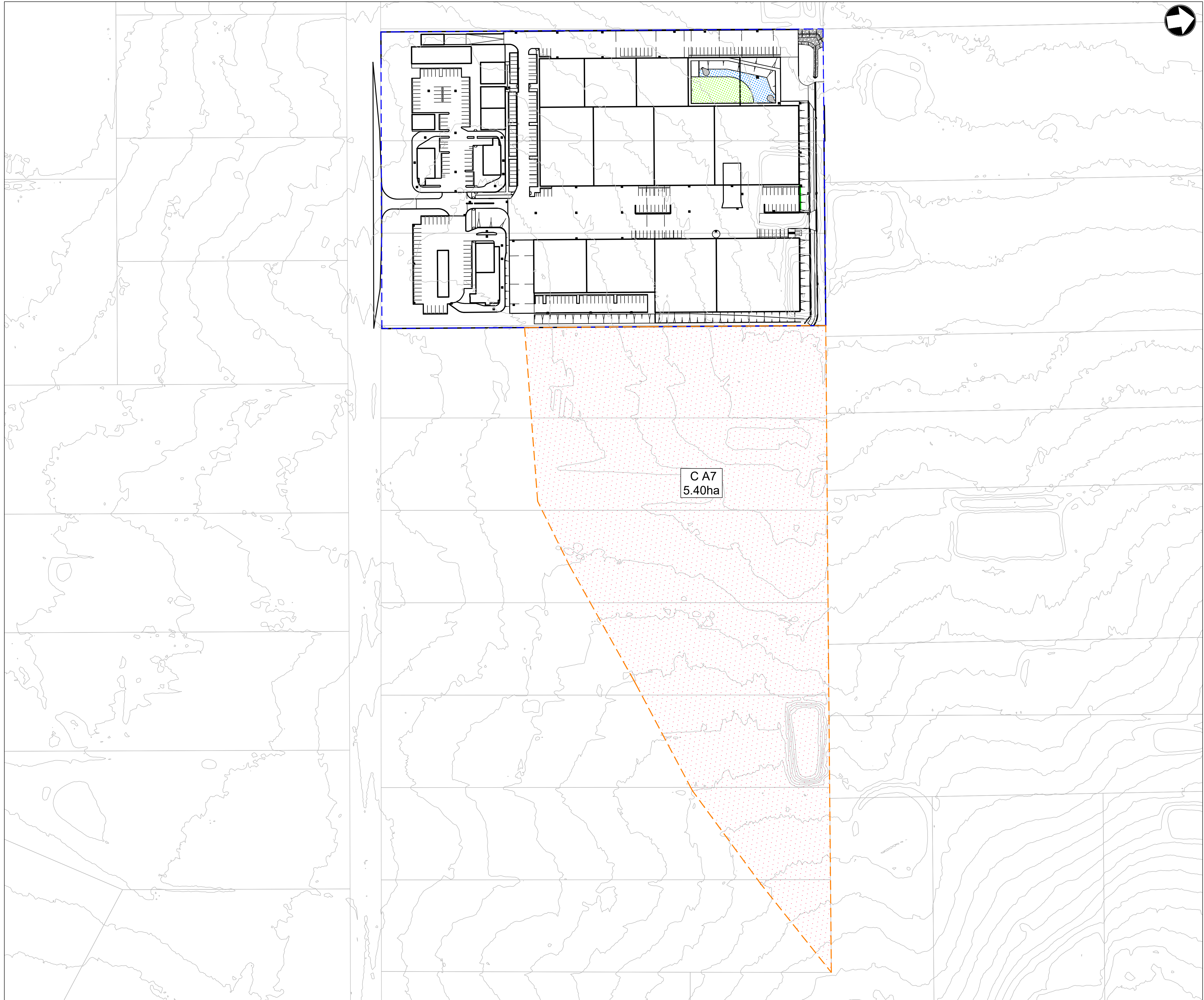
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CIVIL WORKS

DRAWING TITLE

DRAINS CATCHMENT PLAN

SCALE 1:500 STATUS DA


DRAWING NO. 21-034-DA-C220 REV D



LEGEND

UPSTREAM CATCHMENT

C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr



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DRAWING TITLE

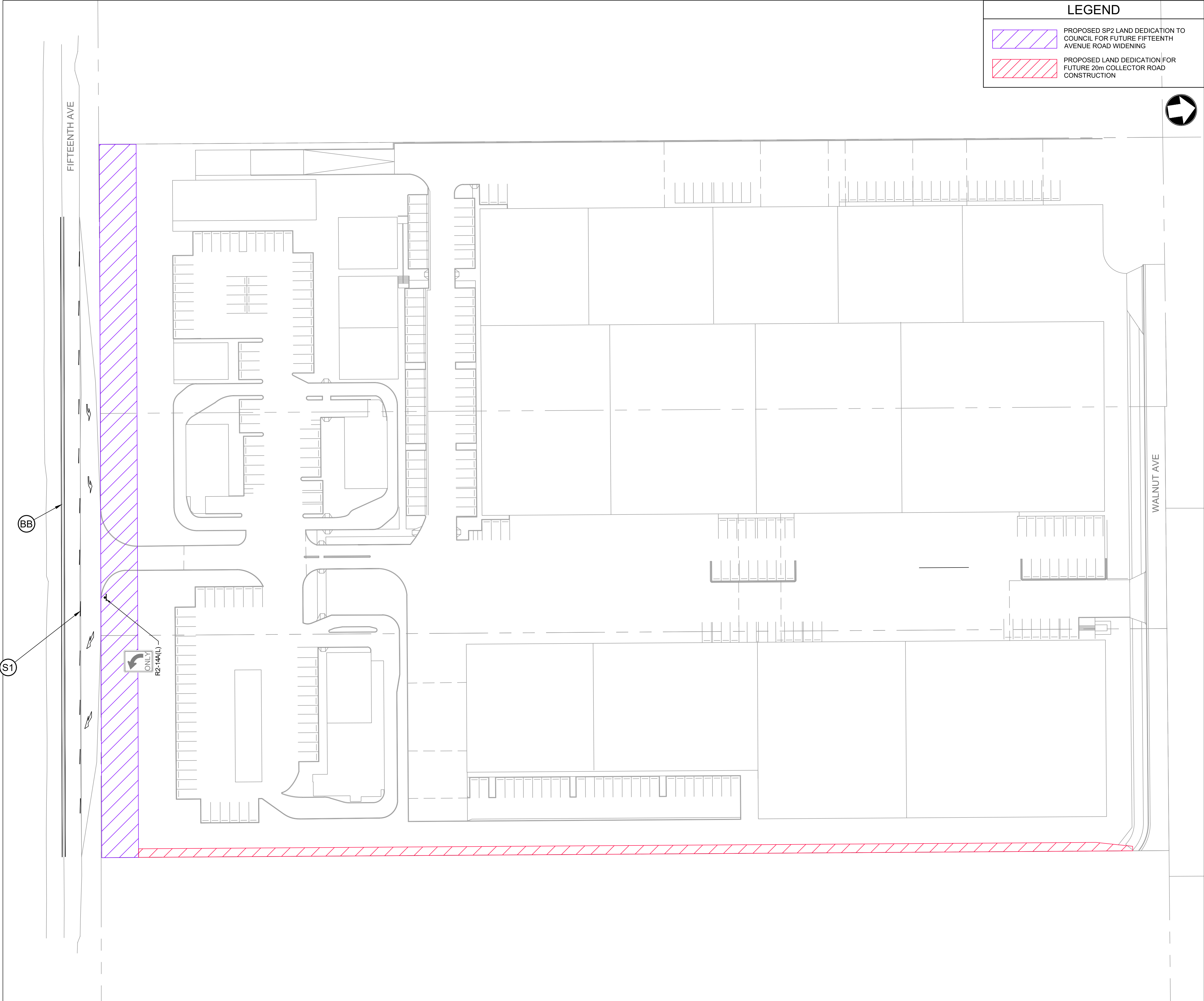
EXTERNAL CATCHMENT PLAN

SCALE 1:1200

STATUS DA

DRAWING NO. 21-034-DA-C225

REV D



LEGEND

PROPOSED SP2 LAND DEDICATION TO COUNCIL FOR FUTURE FIFTEENTH AVENUE ROAD WIDENING

PROPOSED LAND DEDICATION FOR FUTURE 20m COLLECTOR ROAD CONSTRUCTION

LEGEND

ALL SIGNPOSTING TO BE IN ACCORDANCE WITH CURRENT RMS REGULATORY SIGNS MANUAL AND AS1742.2

S1

SEPARATION LINE

BB

DOUBLE BARRIER LINE

ONLY


R2-14A(L)

LEFT ONLY SIGNAGE

PROPOSED ROAD MARKINGS

NOTE:
DETAILS SHOWN ON THIS PLAN ARE INDICATIVE ONLY AND SUBJECT TO LTC APPROVAL

C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr



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DRAWING TITLE

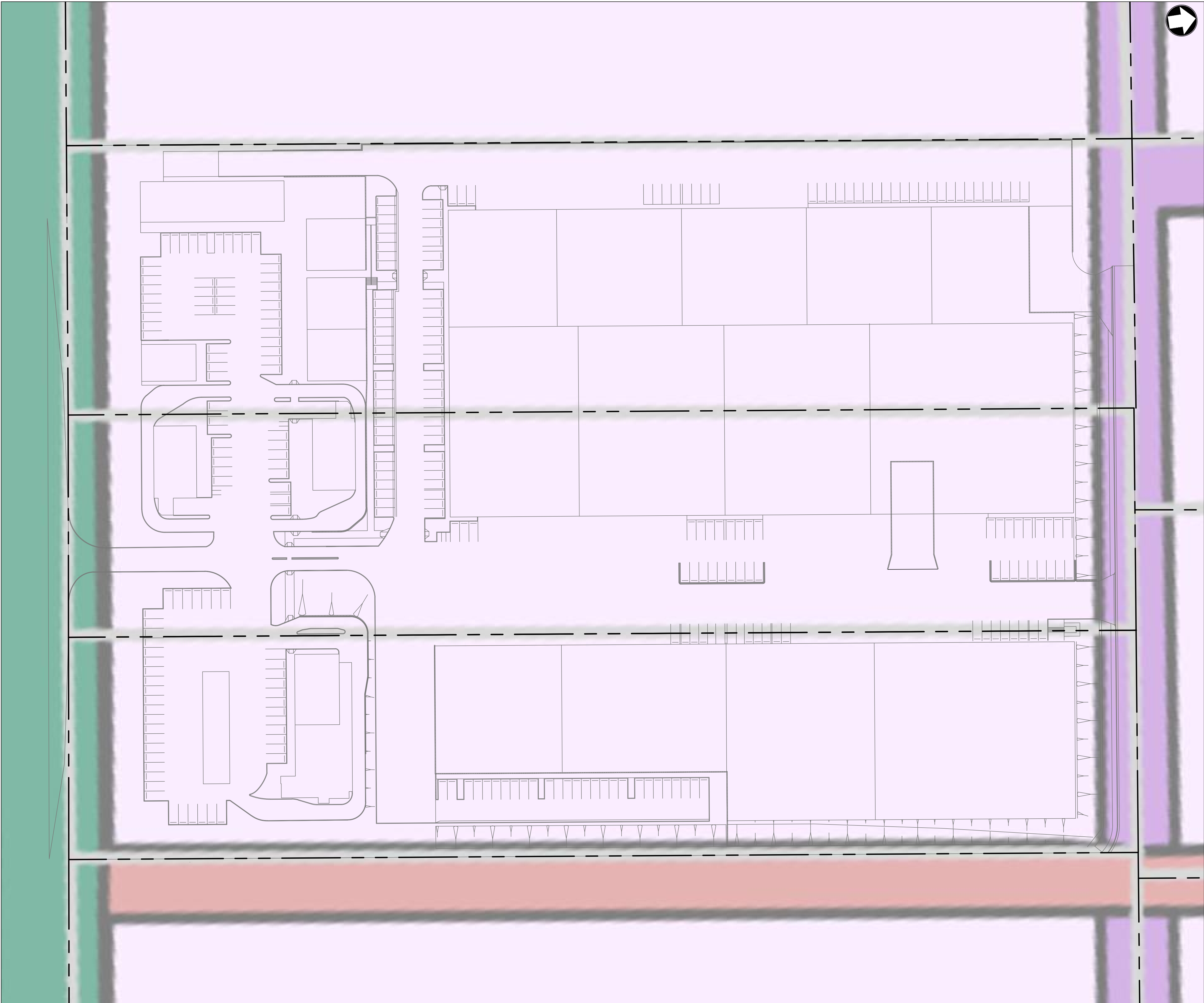
SIGNAGE AND LINEMARKING PLAN

SCALE 1:500

STATUS DA

DRAWING NO. 21-034-DA-C230

REV D



LEGEND

C	24.08.23	RE-ISSUED FOR DA	EB	DR
B	03.08.23	RE-ISSUED FOR DA	MRN	DR
A	31.08.22	ISSUED FOR DA	MRN	DR
Rev	Date	Description	Drawn	Appr



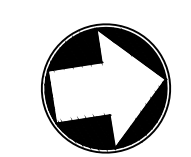
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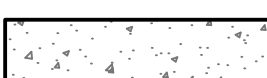



DRAWING TITLE
ILP OVERLAY

SCALE	1:500	STATUS	DA
DRAWING NO.	21-034-DA-C250	REV	D

1. THIS PLAN DETAILS THE PROPOSED PHASE 2A SITEWORKS FOLLOWING COMPLETION OF FUTURE COLLECTOR ROAD WITHIN ADJOINING LOT 383 DP2475 (BY OTHERS) AND THE FIFTEENTH AVE TRANSIT CORRIDOR UPGRADE BY OTHERS.
2. CONTRACTOR TO LOCATE LINE AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS. ALLOW TO ADJUST EXISTING SERVICES AS REQUIRED TO SUIT. ALL WORKS IN ACCORDANCE WITH SERVICE PROVIDERS REQUIREMENTS.



LEGEND

- | | |
|---|--|
|  | FUTURE FIFTYFIFTH AVENUE TRANSIT CORRIDOR UPGRADE |
|  | FUTURE INDUSTRIAL HALF-ROAD (BY OTHERS) |
|  | FUTURE 20m COLLECTOR ROAD. CONSTRUCTION (BY OTHERS) |
| ● G62.49 | PROPOSED STORMWATER GRATE LEVEL |
|  | <u>ASPHALTIC CONCRETE PAVEMENT</u>
TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN STAGE |
|  | <u>REINFORCED CONCRETE PAVEMENT</u>
TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN STAGE |
|  | <u>PROPOSED LANDSCAPING</u>
IN ACCORDANCE WITH LANDSCAPE ARCHITECTS' REQUIREMENTS |
|  | <u>PROPOSED FOOTPATH PAVEMENT</u>
TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN STAGE |
|  | <u>CONCRETE DRIVEWAY PAVEMENT</u>
IN ACCORDANCE WITH COUNCIL DRAWING R25 |

C	25.03.24	RE-ISSUED FOR DA	MRN	DR
B	08.12.23	RE-ISSUED FOR DA	AP	DR
A	24.08.23	ISSUED FOR DA	EB	DR
Rev	Date	Description	Drawn	Appr



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SITEWORKS AND STORMWATER MANAGEMENT PLAN PHASE 2A

SCALE 1:500

STATUS	DA
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DRAWING NO. 21-034-DA-C500

REV	C
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