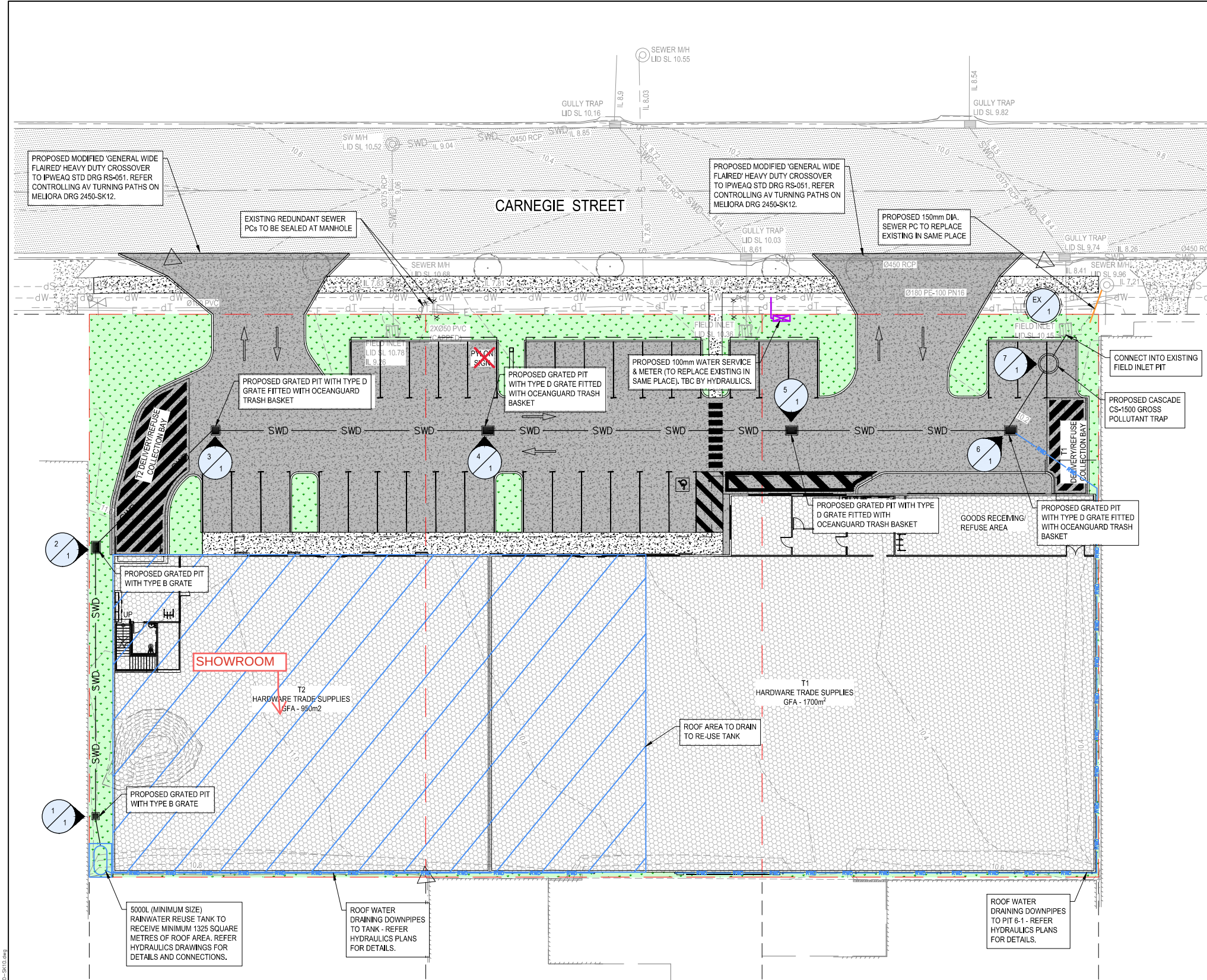




LEGEND

PROPOSED KERB LINE BOK FOK LOK

PROPOSED DRAINAGE (PIPE) SWD W

PROPOSED WATER MAIN/SERVICE AND METERS S S

PROPOSED SEWER RETICULATION

ABANDONED / REMOVED SERVICE

PROPOSED DRAINAGE INLET PIT (CLASS D GRATE & FRAME U.N.O)

PROPOSED/ EXISTING DRAINAGE STRUCTURE LABELS

PROPOSED ELECTRICAL PILLAR (BY OTHERS) ENSURE 1.1m CLEAR FROM ANY WATER METERS

PROPOSED CONCRETE ACCESS DRIVEWAY

PROPOSED FOOTPATHS

PROPOSED BUILDINGS

PROPOSED TURF OR LANDSCAPING AREA

EXISTING EXTERNAL ROAD PAVEMENT

EXISTING BUILDINGS

NOTE: FOR CONTOURS, BOUNDARIES & EXISTING FEATURES LEGEND REFER TO DRG No. C01

- ROADWORKS & DRAINAGE NOTES**
- ALL WORKS TO BE GENERALLY IN ACCORDANCE WITH COUNCIL APPROVED DEVELOPMENT APPLICATION DOCUMENTS AND ASSOCIATED APPROVAL CONDITIONS
 - ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH ALL RELEVANT APPROVED MANAGEMENT PLANS
 - REFER TO EROSION AND SEDIMENT CONTROL PLANS BY MELIORA. CONTRACTOR IS TO ALLOW FOR PROVISION OF ALL REQUIRED EROSION AND SEDIMENT CONTROL DEVICES IN ACCORDANCE WITH IECA AND LOCAL COUNCIL POLICIES AND GUIDELINES AND IS TO BE AWARE OF THE REQUIREMENTS AND PENALTIES STIPULATED WITHIN ENVIRONMENTAL PROTECTION & BIODIVERSITY ACT 1999.
 - CONTRACTOR IS TO SET OUT DRAINAGE PIPES & STRUCTURES ON SITE TO CROSS CHECK LEVELS WITH PROPOSED SURROUNDING FINISHED PAVEMENT/LANDSCAPING LEVELS PRIOR TO CONSTRUCTION TO ENSURE FLUSH. ALL GRATES AND LIDS SHALL SIT FLAT WITH ITS SURROUND AND NOT BE LOOSE OR MOVE UNDER WHEEL LOADS.
 - ALL ROADWORKS & DRAINAGE (EXTERNAL TO SITE BOUNDARIES AND/OR COUNCIL OWNED DRAINAGE PIPES INTERNAL TO THE SITE BOUNDARIES) CONSTRUCTION AND TESTING TO BE IN ACCORDANCE WITH SUNSHINE COAST COUNCIL DEVELOPMENT GUIDELINES, DRAWINGS AND SPECIFICATIONS.
 - ALL SERVICE TRENCHES INCLUDING DRAINAGE BACKFILL UNDER PAVEMENT TO BE COMPACTED TO 100% STANDARD DRY DENSITY (AS1289 5.1.1) IN LAYERS NOT EXCEEDING 150mm OF CBR 15 MATERIAL OR APPROVED EQUIVALENT. TRENCH BACKFILL IN ROADS TO BE MINIMUM CBR15 MATERIAL UP TO ROAD SUBGRADE LEVEL.
 - STORMWATER DRAINAGE AND STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ONLY. CONTRACTOR TO CONSIDER CONSTRUCTION LOADINGS AND ENSURE NO EXCESSIVE LOADS ARE PLACED ON STORMWATER DRAINAGE OR STRUCTURES. CONTRACTOR TO REFER TO DRAINAGE PIPE/STRUCTURE MANUFACTURERS FOR CONSTRUCTION LOADING/COMPACTION REQUIREMENTS AND CONTRACTOR WILL BE LIABLE FOR DAMAGE/CRACKING TO DRAINAGE INFRASTRUCTURE CAUSED DURING CONSTRUCTION. DAMAGED INFRASTRUCTURE TO BE REPLACED IMMEDIATELY AT CONTRACTORS COST.
 - ALL STORMWATER PIPES ARE TO BE MANUFACTURED TO RELEVANT AUSTRALIAN STANDARDS INCLUDING BUT NOT LIMITED TO AS4058 & AS1992.
 - ALL PRECAST END STRUCTURES TO BE CONSTRUCTED WITH REINFORCED CONCRETE END WALL.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR IS TO CONFIRM LOCATION AND LEVEL OF EXISTING STORMWATER DRAINAGE OUTLET INFRASTRUCTURE WHERE PROPOSED DRAINAGE NETWORK CONNECTS TO EXISTING
 - CONTRACTOR TO NOTIFY THE SUPERINTENDENT OF ANY UNSUITABLE FOUNDING MATERIAL WITHIN DRAINAGE TRENCH OR STORMWATER STRUCTURES AND AWAIT DIRECTION PRIOR TO LAYING OF PIPES.
 - ALL STORMWATER GRATES/LIDS WITHIN TRAFFICABLE AREAS TO BE CLASS "D" IN ACCORDANCE WITH AS3996, AND CLASS "B" WHERE PROTECTED FROM VEHICLE LOADING
 - ALL STORMWATER STRUCTURES TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS AND/OR PROJECT SPECIFICATION.
 - WHERE STRUCTURES EXCEED 3m (OR THE MAXIMUM DEPTH AS IDENTIFIED WITHIN AUTHORITY STANDARDS) THE CONTRACTOR WILL ENSURE AN ADEQUATE RPEQ STRUCTURAL ENGINEERING DESIGN & CERTIFICATION IS SOUGHT FOR ALL RELEVANT STRUCTURES FOR RELEVANT LOADING CIRCUMSTANCES PRIOR TO CONSTRUCTION
 - CONTRACTOR TO ENSURE ALL MANHOLE STRUCTURES COMPLY WITH THE DEPTHS SPECIFIED ON THE DRAWINGS. ANY EXPECTED DISCREPANCY TO BE RAISED WITH SUPERINTENDENT PRIOR TO CONSTRUCTION, ANY NON CONFORMING CONSTRUCTION IS TO BE RECTIFIED AT THE CONTRACTORS EXPENSE
 - CONTRACTOR TO INSTALL STEP IRONS WITHIN MANHOLES/FIELD INLETS WHERE REQUIRED BY LOCAL AUTHORITY
 - STORMWATER DRAINAGE SHALL BE FLUSHED WITH WATER AND BE LEFT FREE OF DEBRIS AND SOIL AT COMPLETION
 - WHERE TRUNCATION AND/OR ROAD DEDICATION IS PROPOSED, THE CONTRACTOR IS TO ALLOW FOR REMOVAL OF ALL IMPROVEMENTS FROM AREA OF DEDICATED ROAD IS PROPOSED AND REINSTATE THE VERGE/FOOTWAY TO COUNCIL CODE
 - CONTRACTOR IS TO REPAIR ANY DAMAGE TO EXISTING KERB AND CHANNEL, FOOTPATH, DRIVEWAYS, PAVEMENT, DRAINAGE, FENCES, LANDSCAPING/VEG, BUILDINGS, ELECCOMMS THAT OCCUR DURING CONSTRUCTION AT THEIR COST

- PRIVATE STORMWATER DRAINAGE NOTES**
- STORMWATER DRAINAGE IS CONSIDERED TO BE PRIVATE WHEN IT IS NOT ADOPTED BY AUTHORITY FOLLOWING COMPLETION OF THE PROJECT. PRIVATE DRAINAGE IS THE RESPONSIBILITY OF THE DEVELOPER/ SITE OWNER.
 - REFER TO HYDRAULIC DRAWINGS FOR BUILDING, BASEMENT, ROOF AND PODIUM LEVEL DRAINAGE. CONTRACTOR TO REVIEW HYDRAULIC DRAWING AND ALLOW FOR CONNECTION STUBS INTO CIVIL PITS WHERE REQUIRED (IL OF STUB TO BE 50mm ABOVE INVERT OF PIT).
 - ALL DRAINAGE CONSTRUCTION (PRIVATELY OWNED DRAINAGE LINES INTERNAL TO THE SITE BOUNDARIES) ARE TO BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARD INCLUDING AS 3500.
 - ALL STORMWATER DRAINAGE PIPES INTERNAL TO SITE SHALL BE:
 - 225 DIA TO 375 DIA uPVC S88 RUBBER RING JOINTED, BLACKMAX OR APPROVED EQUIVALENT.
 - 450 DIA TO 600 DIA PP S88 RUBBER RING JOINTED, BLACKMAX OR APPROVED EQUIVALENT.
- CONCRETE DRIVEWAYS & FOOTPATHS NOTES**
- ALL CONCRETE DRIVEWAYS AND FOOTPATH CONSTRUCTION IS TO ALLOW FOR ALL SPECIFICATIONS WITHIN THE FOLLOWING DOCUMENTS (IN ORDER OF PRECEDENCE):
 - LOCAL COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS
 - RESIDENTIAL CONCRETE DRIVEWAYS AND FOOTPATHS (CCAA, JULY 2006) (BOTH ARE FREELY AVAILABLE VIA THE INTERNET)
 - ALLOW SUBGRADE PREPARATION, SUB-BASE LAYER, FORMWORK, SAND BEDDING/POLYETHYLENE MEMBRANE, JOINTING & SEALANT AS PER ADVICE WITHIN REFERENCE ITEM 1.2 ABOVE, UNLESS SPECIFIED IN REFERENCE ITEM 1.1 ABOVE
 - ENSURE SAWCUTS ARE MADE WITHIN 6 HOURS OF POURING CONCRETE TO ENSURE CONTROLLED CRACKING OCCURS

- REFERENCE PRECEDENCE**
- REFER TO REQUIREMENTS OF THE FOLLOWING MANDATORY REFERENCE DOCUMENTS (IN ORDER OF PRECEDENCE). REQUEST IF NOT RECEIVED DURING TENDER. CONTRACTOR WILL BE LIABLE FOR NON-COMPLIANT CONSTRUCTION. RAISE DISCREPANCIES WITH SUPERINTENDENT PRIOR TO CONSTRUCTION.
- AUTHORITY APPROVED PLANS/DOCUMENTS
 - AUTHORITY APPROVAL CONDITIONS
 - RECOMMENDATIONS WITHIN APPROVED SPECIALIST REPORTS INCLUDING STORMWATER MANAGEMENT, FLOOD, TRAFFIC ENGINEERING & REFUSE MANAGEMENT REPORTS
 - AUTHORITY STANDARDS, GUIDELINES AND POLICY
 - DESIGN STANDARD & GUIDELINES (QUDM, AS3500, AUSTRROADS, MUTCD)
 - PROJECT DRAWINGS, NOTES AND DETAILS (INCLUDING ALL MELIORA CIVIL DRAWINGS)
 - ENGINEERING SPECIFICATIONS (IF PUBLISHED)

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1541

Date: 30 August 2024

AMENDED IN RED

By: Jennifer Davison

Date: 29 August 2024

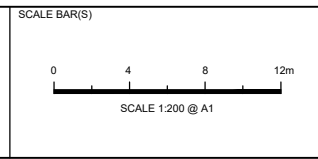
DRAWINGS REFERENCES

FOR STORMWATER LONGITUDINAL SECTIONS REFER DWG No SK11

FOR APPROVAL



REV	DESCRIPTION	DATE	DRAWN	APPR
01	ISSUE FOR APPROVAL	28.06.24	SM	MB



SCALE BAR(S)

0 4 8 12m

SCALE 1:200 @ A1

21 MCLEOD STREET
HERSTON, QLD 4005
PHONE: 0429970345

QUEENSLAND GOVERNMENT

22 MCLEOD STREET
HERSTON, QLD 4005
PHONE: 0429970345

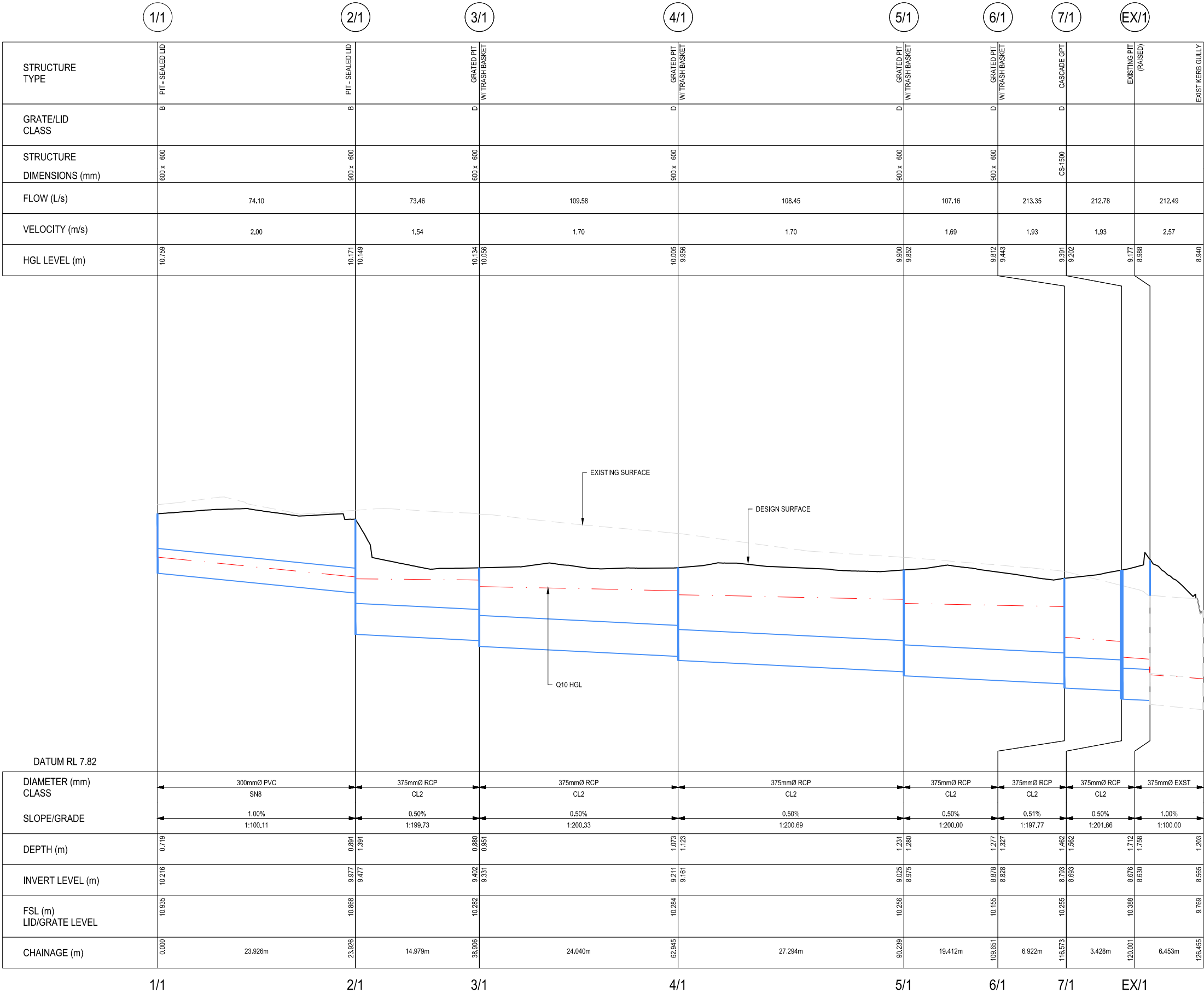
QUEENSLAND GOVERNMENT

CLIENT: SPRING PROJECTS PTY. LTD.

PROJECT: 1180-1182 CARNEGIE STREET, BARINGA

DRAWING TITLE: ACCESS & CIVIL SERVICES LAYOUT PLAN & NOTES

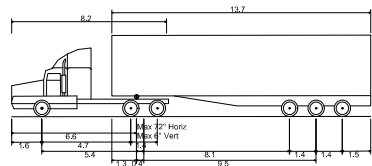
MELIORA JOB No.	2450
SK10	01
DWG No	REVISION



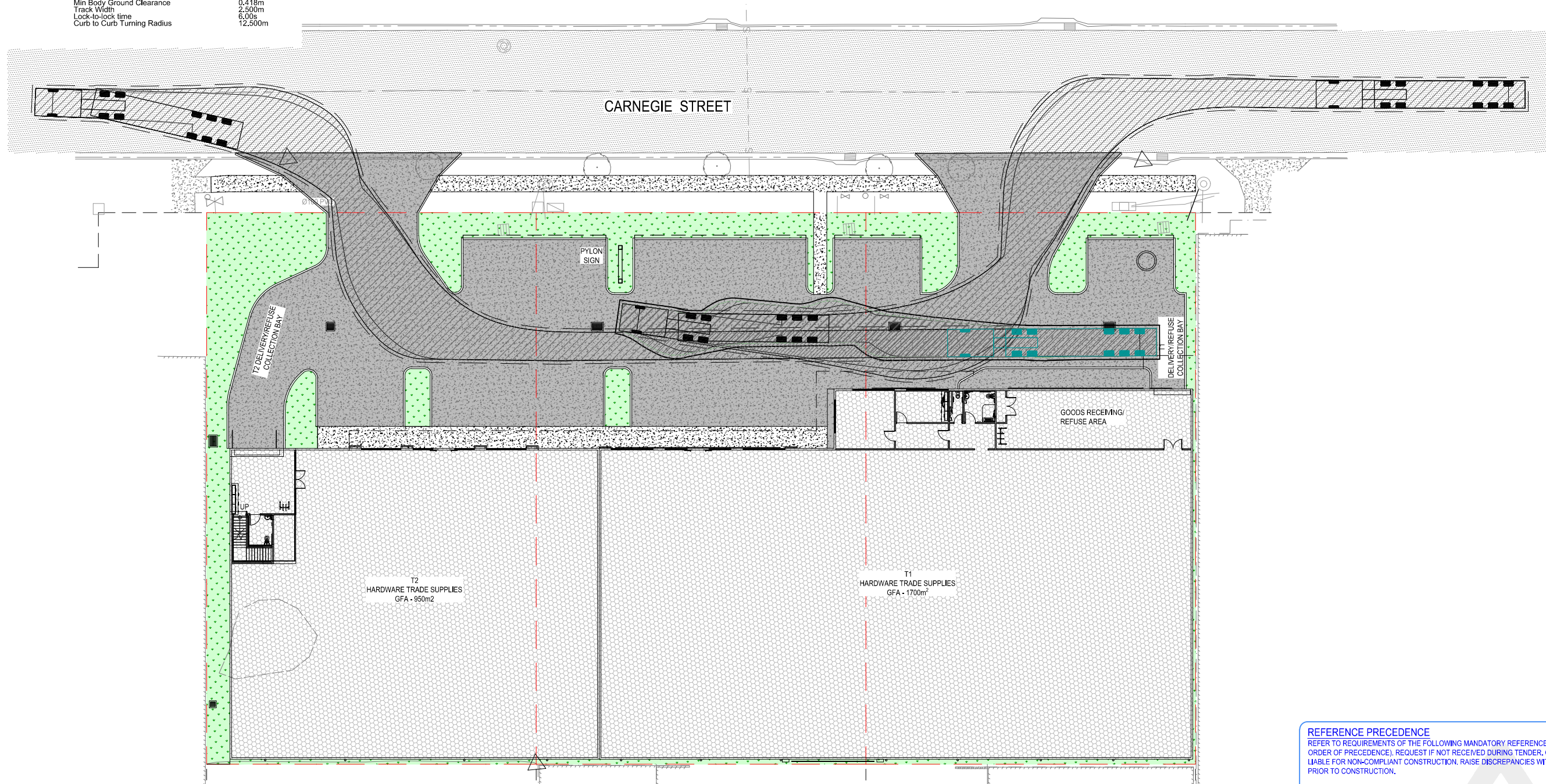
STORMWATER DRAINAGE LONGITUDINAL SECTION - LINE 1
SCALES: HORIZONTAL 1:250 VERTICAL 1:25



01 ISSUE FOR APPROVAL04.07.24SMMB REV DESCRIPTIONDATE DRAWN APPR				NORTH POINT SCALE BAR(S) 0 2 4 6 8 10 12m SCALE 1:250 @ A1 0 0.2 0.4 0.6 0.8 1.0 1.2m SCALE 1:25 @ A1		DRAWN: JULY 2024 DESIGNED: JULY 2024 APPROVED: MBL YTH RPEQ No. 21258 DATE: 04.07.24 RPEQ SIGNATURE		MELIORA CONSULTING ENGINEERS 21 MCLEOD STREET HERSTON, QLD 4005 PHONE: 0429970345 E: INFO@MELIORAENGINEERS.COM		CLIENT: SPRING PROJECTS PTY. LTD. PROJECT: 1180-1182 CARNEGIE STREET, BARINGA		DRAWING TITLE: PRELIMINARY DRAINAGE LONGITUDINAL SECTION		MELIORA JOB No. 2450 SK11 DWG No		01 REVISION	
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AV - Articulated Vehicle
Overall Length 19.000m
Overall Width 2.500m
Overall Body Height 4.301m
Min Body Ground Clearance 0.418m
Track Width 2.500m
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 12.500m



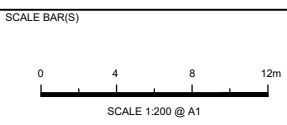
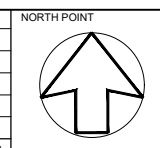
REFERENCE PRECEDENCE
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5. DESIGN STANDARD & GUIDELINES (AS3500, AUSTRROADS, MUTCD)
6. PROJECT DRAWINGS, NOTES AND DETAILS (INCLUDING ALL MELIORA CIVIL DRAWINGS)
7. ENGINEERING SPECIFICATIONS (IF PUBLISHED)

FOR APPROVAL



NOTE
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DRAWN:
JULY 2024
DESIGNED:
JULY 2024
APPROVED:
MBLYTH
RPEQ No. 21258
DATE: 04.07.24

RPEQ SIGNATURE



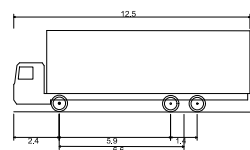
21 MCLEOD STREET
HERSTON, QLD 4005
PHONE: 0429970345
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CLIENT:
SPRING PROJECTS PTY. LTD.
PROJECT:
1180-1182 CARNEGIE STREET, BARINGA

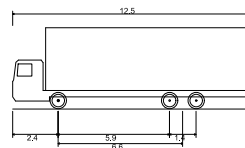
DRAWING TITLE:
**TURNING PATH LAYOUT PLAN
AV MOVEMENT**

2450
MELIORA JOB No.
SK12
DWG No.
01
REVISION

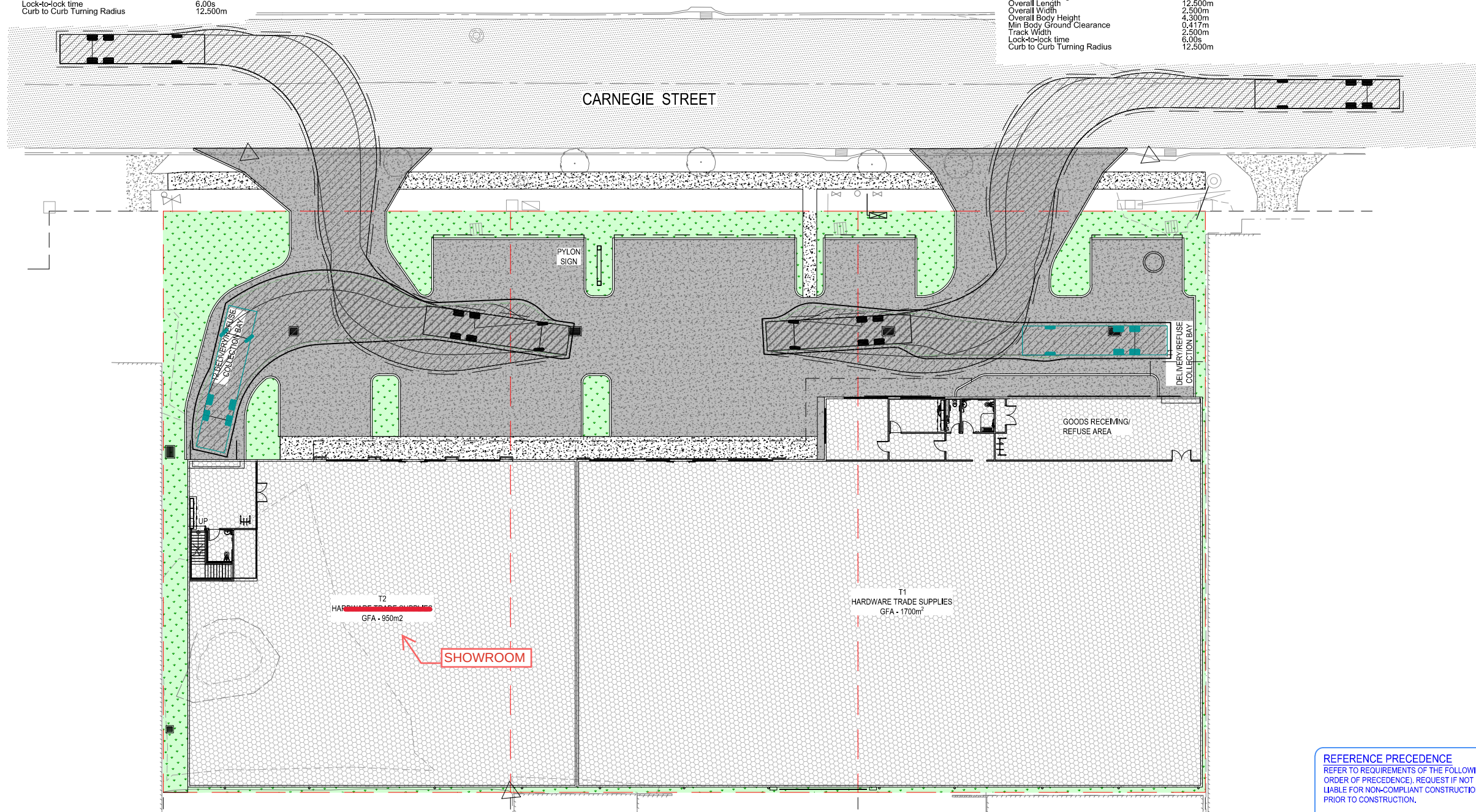
REV	DESCRIPTION	DATE	DRAWN	APPR.
01	ISSUE FOR APPROVAL	28.06.24	SM	MB



HRV - Heavy Rigid Vehicle	
Overall Length	12,500m
Overall Width	2,500m
Overall Body Height	4,300m
Min Body Ground Clearance	0,417m
Track Width	2,500m
Lock-to-lock time	6,00s
Curb to Curb Turning Radius	12,500m



HRV - Heavy Rigid Vehicle	
Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



REFERENCE PRECEDENCE

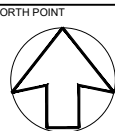
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AND NOTES ON DRG. No. C01 AND ALL RELEVANT SPECIFICATIONS



SCALE BAR(S)



DRAWN:

DESIGNED

APPROVED:

MBLYTH
RPEQ No. 21258

RPEQ SIGNATURE



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CLIENT:
SPRING PROJECTS PTY. LTD.

PROJECT:
1180-1182 CARNEGIE STREET, BARINGA

DRAWING TITLE:
TURNING PATH LAYOUT PLAN
HRV MOVEMENT

MELIORA JOB No.

SK13

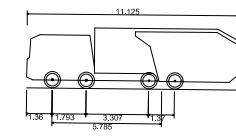
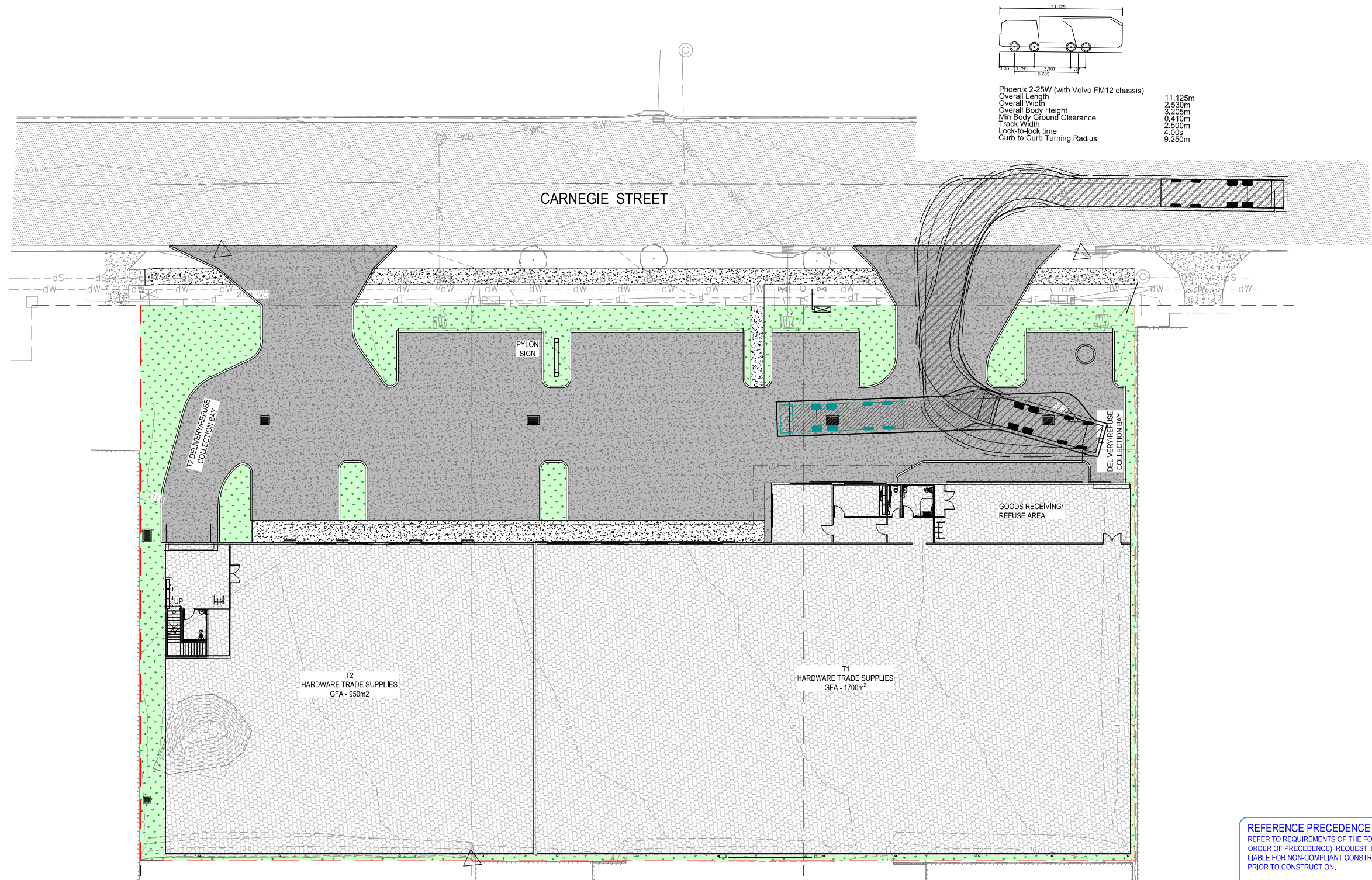
DWG No.

2450

01

REVISION

FOR APPROVAL



Phoenix 2-25W (with Volvo FM12 chassis)

Overall Length	11.125m
Overall Width	2.530m
Overall Body Height	3.205m
Min Body Ground Clearance	0.410m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	9.250m

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U:_05_2024_14_04_2024\14_04_2024\TRADE TOOLS (CARNEGIE ST)_A1\14_04_2024_14_04_2024.dwg

					NORTH POINT 		SCALE BAR(S)  SCALE 1:200 @ A1		DRAWN: JULY 2024 DESIGNED: JULY 2024 APPROVED: MBL YTH RPEQ No. 21258 DATE: 04.07.24 RPEQ SIGNATURE 		 MELIORA CONSULTING ENGINEERS ABN 46 553 772 813 E: INFO@MELIORA.COM		21 MCLEOD STREET HERSTON, QLD 4005 PHONE: 0429970345 THIS DOCUMENT IS PROVIDED BY MELIORA ENGINEERING ONLY FOR THE USE BY THE CLIENT IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE CONTRACT. MELIORA ENGINEERING DOES NOT AND SHALL NOT ASSUME ANY RESPONSIBILITY OR LIABILITY TO ANY THIRD PARTY ARISING OUT OF USE OR RELIANCE BY THIRD PARTY ON THE CONTENT OF THIS DOCUMENT		CLIENT: SPRING PROJECTS PTY. LTD. PROJECT: 1180-1182 CARNEGIE STREET, BARINGA		DRAWING TITLE: TURNING PATH LAYOUT PLAN RCV MOVEMENT		MELIORA JOB No. 2450 SK14 DWG No		01 REVISION									
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