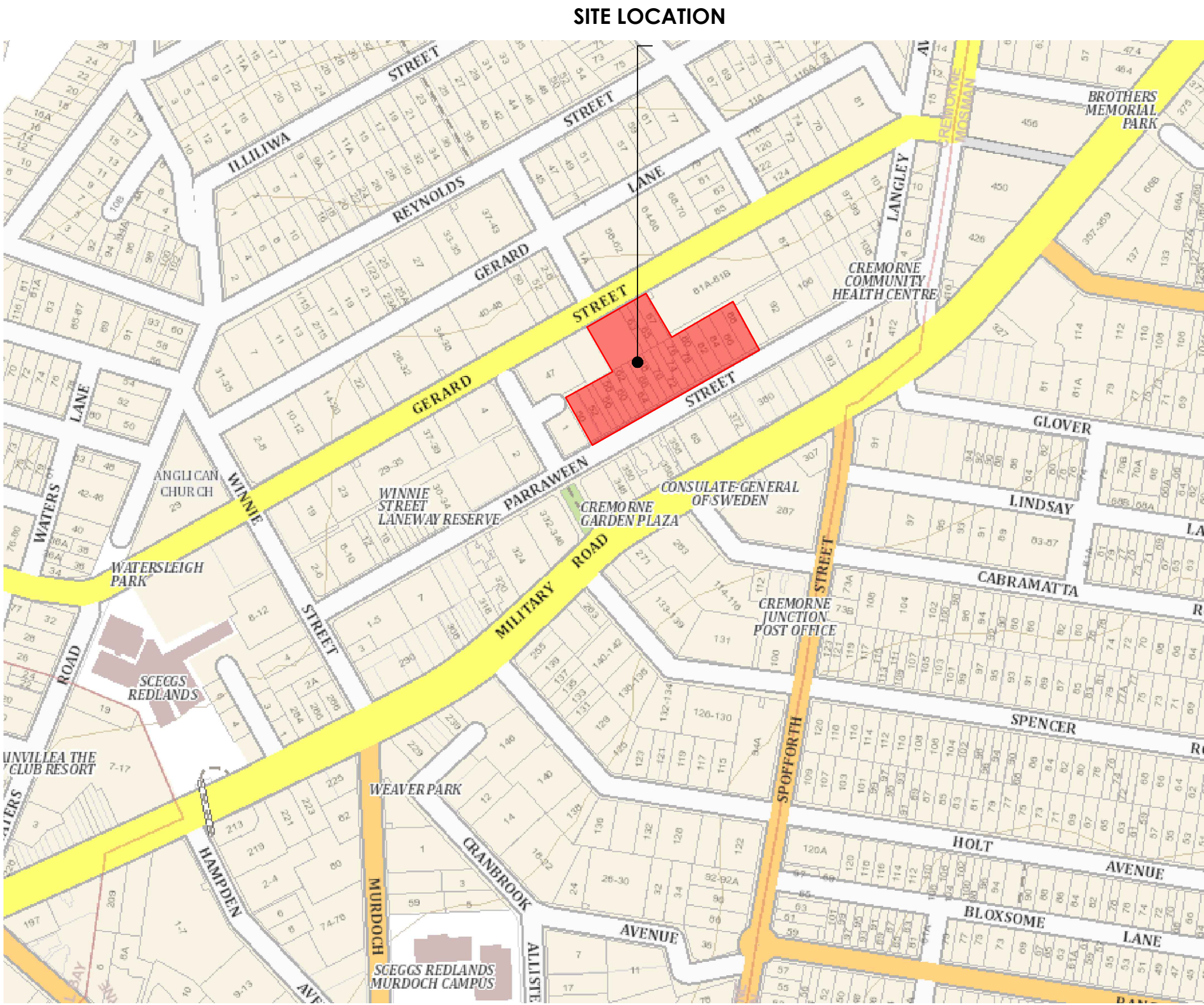


PATHWAYS RESIDENCES CREMORNE
50-88 PARRAWEEEN STREET
AND 59-67 GERARD STREET,
CREMORNE, NSW

CIVIL LEGEND	
PIPELINES	
	PROPOSED STORMWATER DRAINAGE
	PROPOSED BASEMENT STORMWATER DRAINAGE
	PROPOSED EMERGENCY PUMP LINE
	PROPOSED SEWER DRAINAGE
	EXISTING SEWER DRAINAGE
	EXISTING WATER
	EXISTING GAS
	EXISTING ELECTRICAL
	EXISTING COMMS
	EXISTING HIGH VOLTAGE CABLE
	REDUNDANT SERVICE
	PROPOSED SEWER MANHOLE
	EXISTING SEWER MANHOLE
	STORMWATER OVERLAND FLOW PATH
	GRASS LINED SWALE DRAIN (GRASS TO BE LAID KIKUYU OR EQUAL)
	• P56.20 FINISHED SURFACE LEVEL
	• EX56.20 EXISTING SURFACE LEVEL
	GRATED DRAIN
	SUBSOIL DRAINAGE LINE
	SUBSOIL HIGH END RISER AND INTERMEDIATE RISER
	DOWNPIPE CONNECTION (Ø150 uPVC UNO)
	STORMWATER DRAINAGE STRUCTURE WITH NUMBER (REFER STORMWATER DRAINAGE STRUCTURES SCHEDULE)
	STORMWATER DRAINAGE LINE WITH: IL 25.30 INVERT LEVEL UPSTREAM Ø375 RCP '2' PIPE SIZE AND MATERIAL CLASS 13.30m @ 1.0% PIPE GRADE 10m PIPE LENGTH IL 25.10 INVERT LEVEL DOWNSTREAM



DRAWING SCHEDULE	
C01	COVER SHEET
C02	NOTES SHEET
C03	EROSION AND SEDIMENT CONTROL PLAN
C04	EROSION AND SEDIMENT CONTROL DETAILS
C05	STORMWATER MANAGEMENT PLAN
C06	STORMWATER MANAGEMENT DETAILS
C07	SEWER DIVERSION PLAN

B	ISSUE FOR REVISED SSDA	14.06.24	JL	NP	
A	ISSUE FOR SSDA	16.06.23	SM	NP	
ISSUE	AMENDMENT	DATE	DRAWN	APP	

CLIENT
PATHWAYS
RESIDENCES

ARCHITECT
CHROFI
mcp architecture

CIVIL CONSULTANT
ENTEC
CONSULTANTS

PROJECT
PATHWAYS RESIDENCES CREMORNE
50-88 PARRAWEEEN STREET AND 59-67 GERARD STREET, CREMORNE, N.S.W.

NORTH POINT

DRAWING TITLE CIVIL SERVICES COVER SHEET, LEGEND & DRAWING SCHEDULE					
DRAWN JL	DATE JUNE 24	SCALE NTS	A1	QA CHECK NP	DATE 14.06.24
DESIGNED NP	PROJECT NO. 220059	DRAWING NO. C01	ISSUE B		

NOT FOR CONSTRUCTION

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Jun 14, 2024 - 5:32pm

SITWORKS NOTES

1. ORIGIN OF LEVELS :- AUSTRALIAN HEIGHT DATUM (A.H.D.)
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE PRINCIPAL'S REPRESENTATIVE.
4. EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE PRINCIPAL'S REPRESENTATIVE. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
5. WHERE NEW WORKS ABOUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
6. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER COMMUNICATIONS OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
8. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH AN APPROVED NON-NATURAL GRANULAR MATERIAL AND COMPACTED TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS.1289.5.1.1.
9. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
10. ON COMPLETION OF PIPE INSTALLATION ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS.
11. PROVIDE 10mm WIDE EXPANDING CORK JOINTS BETWEEN CONCRETE PAVEMENTS AND ALL BUILDINGS , WALLS, FOOTINGS, COLUMNS, KERBS, DISH DRAINS, GRATED DRAINS, BOLLARD FOOTINGS ETC
12. CONTRACTOR TO OBTAIN ALL AUTHORITY APPROVALS.
13. ALL BATTERS TO BE GRASSED LINED WITH MINIMUM 100 TOPSOIL AND APPROVED COUCH LAID AS TURF.
14. MAKE SMOOTH TRANSITION TO EXISTING SERVICES AND MAKE GOOD.
15. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS.
16. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
17. TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MIN 50mm IN BITUMINOUS PAVING.
18. ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN Ø80 uPVC SEWER GRADE CONDUITS EXTENDING A MIN OF 500mm PAST PAVING.
19. ON COMPLETION OF WORKS ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL INCLUDING, BUT NOT LIMITED TO, KERBS, FOOTPATHS, CONCRETE AREAS, GRASS AND LANDSCAPED AREAS.

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

- E1. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
 - E2. THE PRINCIPAL'S REPRESENTATIVE WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE UNDERTAKEN AS INSTRUCTED IN THIS SPECIFICATION AND CONSTRUCTED FOLLOWING THE GUIDELINES OF "MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION", DEPT OF HOUSING, 2004 (BLUE BOOK).
 - E3. ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.
- CONSTRUCTION SEQUENCE
- E4. THE SOIL EROSION POTENTIAL ON THIS SITE SHALL BE MINIMISED. HENCE WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE :
 - a. INSTALL SEDIMENT FENCES, TEMPORARY CONSTRUCTION EXIT AND SANDBAG KERB INLET SEDIMENT TRAP.
 - b. UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- E5. DURING WINDY CONDITIONS, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- E6. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

FENCING

27. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
28. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
29. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
30. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

- E1.1. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- E1.2. RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE PRINCIPAL'S REPRESENTATIVE.

SITE INSPECTION & MAINTENANCE

- E13. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.

STORMWATER NOTES

1. ALL 375 DIA. DRAINAGE PIPES AND LARGER SHALL BE CLASS "2" APPROVED SPIGOT AND SOCKET FRC OR RCP PIPES WITH RUBBER RING JOINTS. (U.N.O.) ALL DOWNPIPE DRAINAGE LINES SHALL BE SEWER GRADE uPVC WITH SOLVENT WELD JOINTS. (U.N.O.)
2. EQUIVALENT REINFORCED CONCRETE PIPES MAY BE USED.
3. ALL PIPE JOINTS UP TO AND INCLUDING 450 DIA. AND TAPERS SHALL BE VIA PURPOSE MADE FITTINGS.
4. MINIMUM GRADE TO STORMWATER LINES TO BE 1%. (U.N.O.)
5. CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
6. ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
7. PRECAST PITS SHALL NOT BE USED UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER.
8. WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50MM CONCRETE BED (OR 75MM THICK BED OF 12MM BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR ON THE ROCK. IN OTHER THAN ROCK, PIPES SHALL BE LAID ON A 75MM THICK SAND BED. IN ALL CASES BACKFILL THE TRENCH WITH SAND TO 200MM ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150MM LAYERS TO 98% STANDARD MAX. DRY DENSITY.
9. BEDDING SHALL BE (U.N.O.) TYPE HS2, IN ACCORDANCE WITH CURRENT RELEVANT AUSTRALIAN STANDARDS.
10. WHERE STORMWATER LINES PASS UNDER FLOOR SLABS SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
11. WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS UNSLOTTED UPVC SEWER GRADE PIPE SHALL BE USED.
12. PROVIDE 3.0M LENGTH OF 100 DIA. SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK, AT UPSTREAM END OF EACH PIT.

ON-SITE DETENTION NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS, SERVICES AND STRUCTURES ON SITE PRIOR TO COMMENCEMENT OF WORK.
2. ALL WORK SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS AND THE SPECIFICATION.
3. ON COMPLETION OF PROPOSED WORKS ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL, GRASSED & LANDSCAPE AREAS AND ROAD PAVEMENTS. (U.N.O.)
4. CONTRACTOR TO OBTAIN ALL AUTHORITY APPROVALS.
5. MAKE SMOOTH TRANSITION TO EXISTING SERVICES AND MAKE GOOD.
6. WHERE NEW WORKS ABOUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER THESE SERVICES. HAND EXCAVATE IN THESE AREAS.
8. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC, AND OTHER SERVICES DRAWINGS AND SPECIFICATIONS.
9. EQUIVALENT STRENGTH FRC PIPES MAY BE USED.
10. ALL PIPE JUNCTIONS, BENDS AND TAPERS UP TO AND INCLUDING 450 DIA SHALL BE VIA PURPOSE MADE FITTINGS.
11. MINIMUM GRADE TO STORMWATER LINES TO BE 1%. (U.N.O.)
12. CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
13. ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
14. WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50mm CONCRETE BED (OR 75mm THICK BED OF 12mm BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR ON THE ROCK. IN OTHER THAN ROCK, PIPES SHALL BE LAID ON A 75mm THICK SAND BED. IN ALL CASES BACKFILL THE TRENCH WITH SAND TO 200mm ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150mm LAYERS TO 98% STANDARD MAX. DRY DENSITY.
15. BEDDING SHALL BE (U.N.O.) TYPE H1, IN ACCORDANCE WITH CURRENT RELEVANT AUSTRALIAN STANDARDS.
16. WHERE STORMWATER LINES PASS UNDER FLOOR SLABS SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
17. PROVIDE 3.0m LENGTH OF 100 DIA. SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK. AT UPSTREAM END OF EACH PIT.

RAINWATER REUSE SYSTEM

MARKING & LABELLING

1. THE WATER SUPPLY SYSTEM FROM A RAINWATER TANK SHALL BE CLEARLY MARKED 'RAINWATER' AT INTERVALS NOT EXCEEDING 1m WITH CONTRASTING COLOURED WORDING. WATER OUTLETS SHALL BE IDENTIFIED AS 'RAINWATER' WITH A LABEL OR A RAINWATER TAP IDENTIFIED BY A GREEN COLOURED INDICATOR WITH THE LETTERS 'RW'.

NON-DRINKING WATER SERVICES - HOSE TAP OUTLETS

2. HOSE TAP OUTLETS SHALL:
 - a. BE CLEARLY MARKED "WARNING: NOT FOR DRINKING" IN ACCORDANCE WITH THE REQUIREMENTS OF AS 1319.
 - b. BE OF A TYPE THAT HAS A REMOVABLE HANDLE.

PROXIMITY TO OTHER SERVICES

3. THE FOLLOWING APPLIES:
- a. ABOVEGROUND INSTALLATION OF NON-DRINKING WATER SERVICES SHALL NOT BE INSTALLED WITHIN 100mm OF ANY PARALLEL DRINKING WATER SERVICE, EXCEPT WHEN INSTALLED IN PIPE DUCT OR STRUCTURALLY SEPARATED.
 - b. BELOW-GROUND INSTALLATIONS OF NON-DRINKING WATER SERVICES SHALL NOT BE INSTALLED WITHIN 300mm OF ANY PARALLEL DRINKING WATER SUPPLY.

MARKING & LABELLING OF NON-DRINKING WATER PIPES & OUTLETS

GENERAL

- a. ALL PIPES, PIPE SLEEVES, IDENTIFICATION TAPES, & OUTLETS SHALL BE COLOURED LILAC (P23) IN ACCORDANCE WITH AS 2700
- b. ALL PIPES, PIPE SLEEVES & IDENTIFICATION TAPES, IN ACCORDANCE WITH AS 1345, SHALL BE MARKED WITH THE FOLLOWING, WARNING: RECYCLED OR RECLAIMED - WATER - DO NOT DRINK

BELOW GROUND PIPES

- α. ALL BELOW GROUND PIPES SHALL HAVE AN IDENTIFICATION TAPE IN ACCORDANCE WITH CLAUSE GENERAL INSTALLED ON TOP OF THE WATER PIPELINE, RUNNING LONGITUDINALLY, & FASTENED TO THE PIPE AT NOT MORE THAN 3m INTERVALS.

OUTLET POINTS

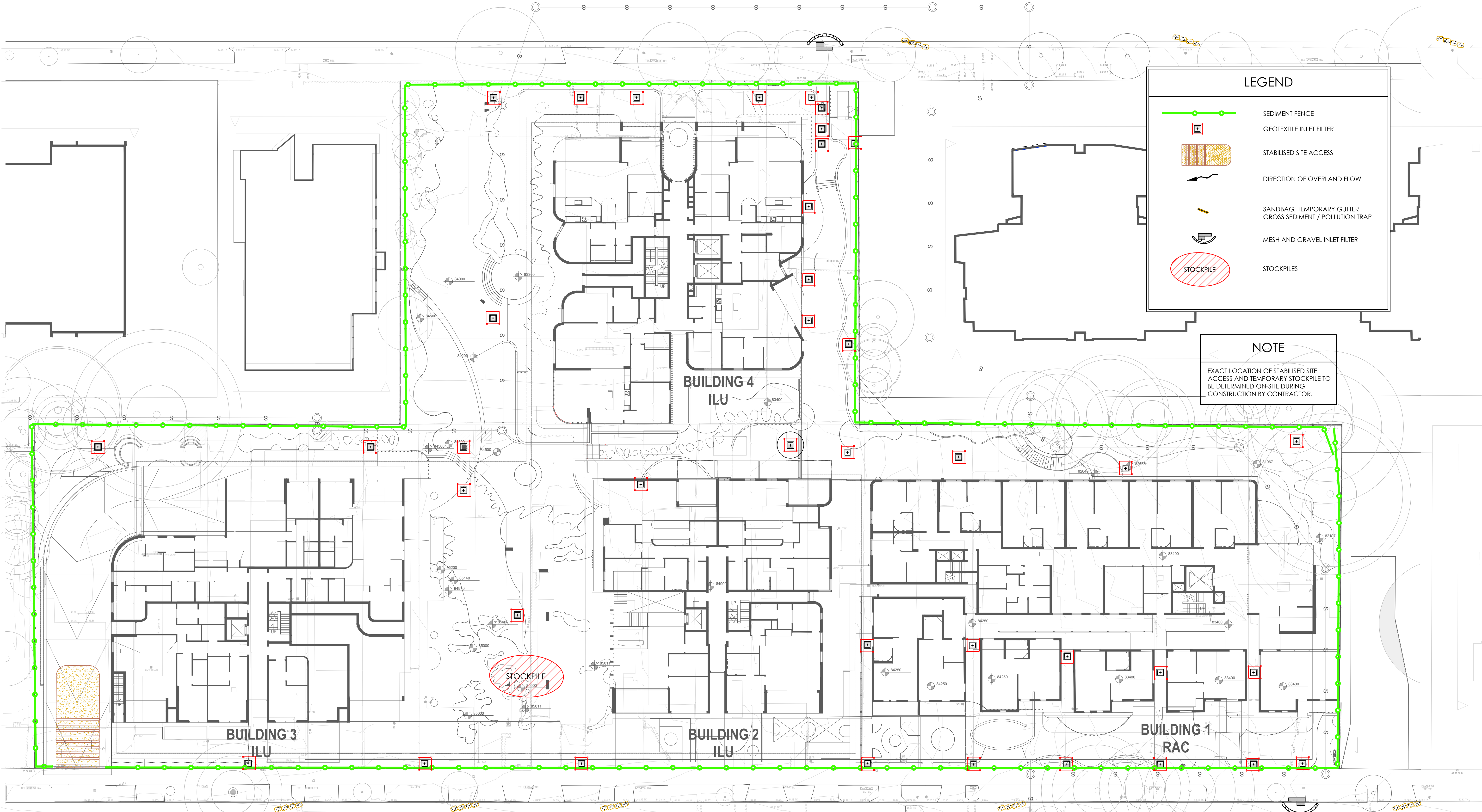
- a. ALL OUTLET POINTS SHALL BE CLEARLY & PERMANENTLY MARKED 'WARNING: NOT FOR DRINKING' WITH SAFETY SIGNS TO COMPLY WITH AS 1319 & AS 1345.

NOT FOR CONSTRUCTION

B	ISSUE FOR REVISED SSDA	14.06.24	JL	NP
A	ISSUE FOR SSDA	16.06.23	SM	NP
ISSUE	AMENDMENT	DATE	DRAWN	APP

CLIENT	PATHWAYS RESIDENCES	ARCHITECT	CHROFI architecture	CIVIL CONSULTANT	ENTEC CONSULTANTS	PROJECT	PATHWAYS RESIDENCES CREMORNE	50-88 PARRAWEEEN STREET and 59-67 GERARD STREET, CREMORNE, N.S.W.	NORTH POINT	DRAWING TITLE CIVIL SERVICES NOTES SHEET				
										DRAWN	DATE	SCALE	QA CHECK	DATE
										JL	JUNE 24	NTS	NP	14.06.24
					DESIGNED	PROJECT NO.	DRAWING NO.		ISSUE					
					NP	220059	C02		B					

GERARD STREET



LEGEND

SEDIMENT FENCE

GEOTEXTILE INLET FILTER

STABILISED SITE ACCESS

DIRECTION OF OVERLAND FLOW

SANDBAG, TEMPORARY GUTTER
GROSS SEDIMENT / POLLUTION TRAP

MESH AND GRAVEL INLET FILTER

STOCKPILE

NOTE

EXACT LOCATION OF STABILISED SITE ACCESS AND TEMPORARY STOCKPILE TO BE DETERMINED ON-SITE DURING CONSTRUCTION BY CONTRACTOR.

NOT FOR CONSTRUCTION

B	ISSUE FOR REVISED SSDA	14.06.24	JL	NP	
A	ISSUE FOR SSDA	16.06.23	SM	NP	
ISSUE	AMENDMENT	DATE	DRAWN	APP	

CLIENT

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RESIDENCES

ARCHITECT

CHROFI

mcp

architecture

CIVIL CONSULTANT

ENTEC

CONSULTANTS

PROJECT

PATHWAYS RESIDENCES
CREMORNE

50-88 PARRAWEN STREET
and 59-67 GERARD STREET,
CREMORNE, N.S.W.

NORTH POINT

DRAWING TITLE

CIVIL SERVICES
EROSION AND SEDIMENT CONTROL PLAN

DRAWN
JL

DATE
JUNE 24

SCALE
1:200

A1

QA CHECK
NP

DATE
14.06.24

DESIGNED
NP

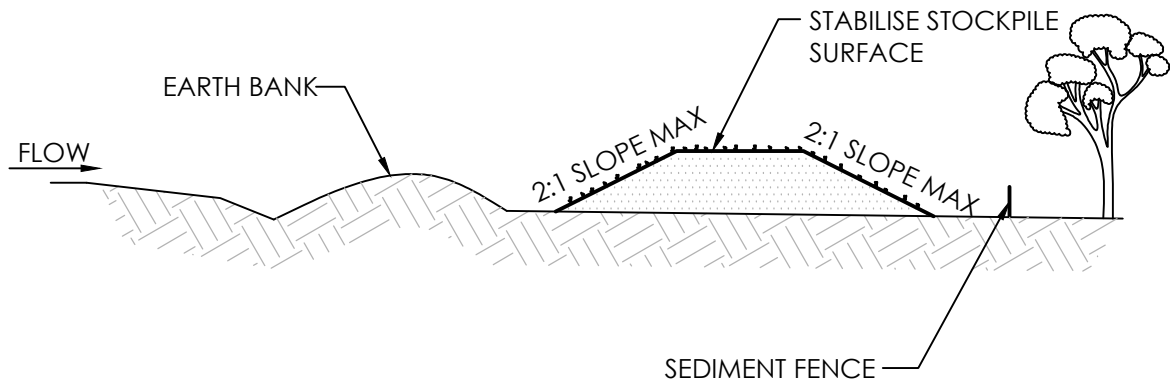
PROJECT NO.
220059

DRAWING NO.
C03

ISSUE
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SOURCE: MANAGING URBAN STORMWATER
SOILS AND CONSTRUCTION
THIRD EDITION, AUGUST 1998
PRODUCED BY THE DEPARTMENT OF
HOUSING.

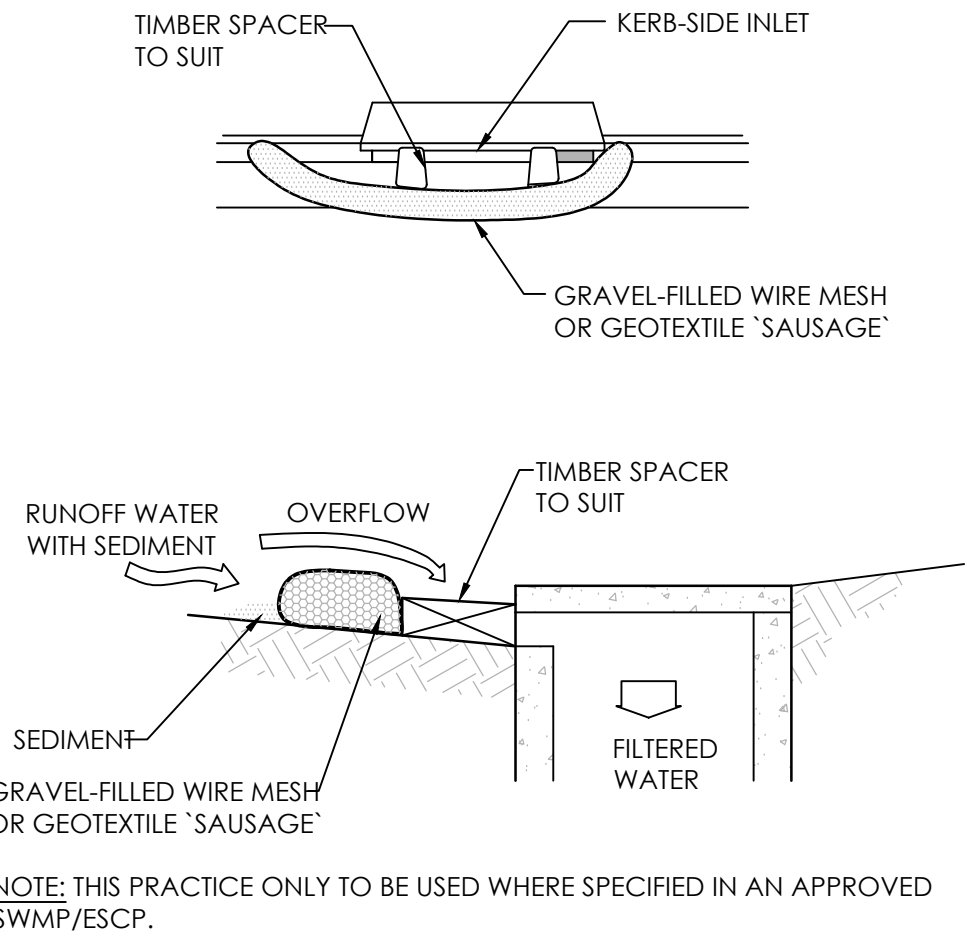


CONSTRUCTION NOTES:

1. LOCATE STOCKPILE AT LEAST 5 METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOWS, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS A LOW, FLAT, ELONGATED MOUND.
3. WHERE THERE IS SUFFICIENT AREA TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METERS IN HEIGHT.
4. REHABILITATE IN ACCORDANCE WITH THE SWMP/ESCP.
5. CONSTRUCT EARTH BANK (STANDARD DRAWING 5-2) ON THE UPSLOPE SIDE TO DIVERT RUN OFF AROUND THE STOCKPILE AND A SEDIMENT FENCE (STANDARD DRAWING 6-7) 1 TO 2 METRES DOWNSLOPE OF STOCKPILE.

STOCKPILES

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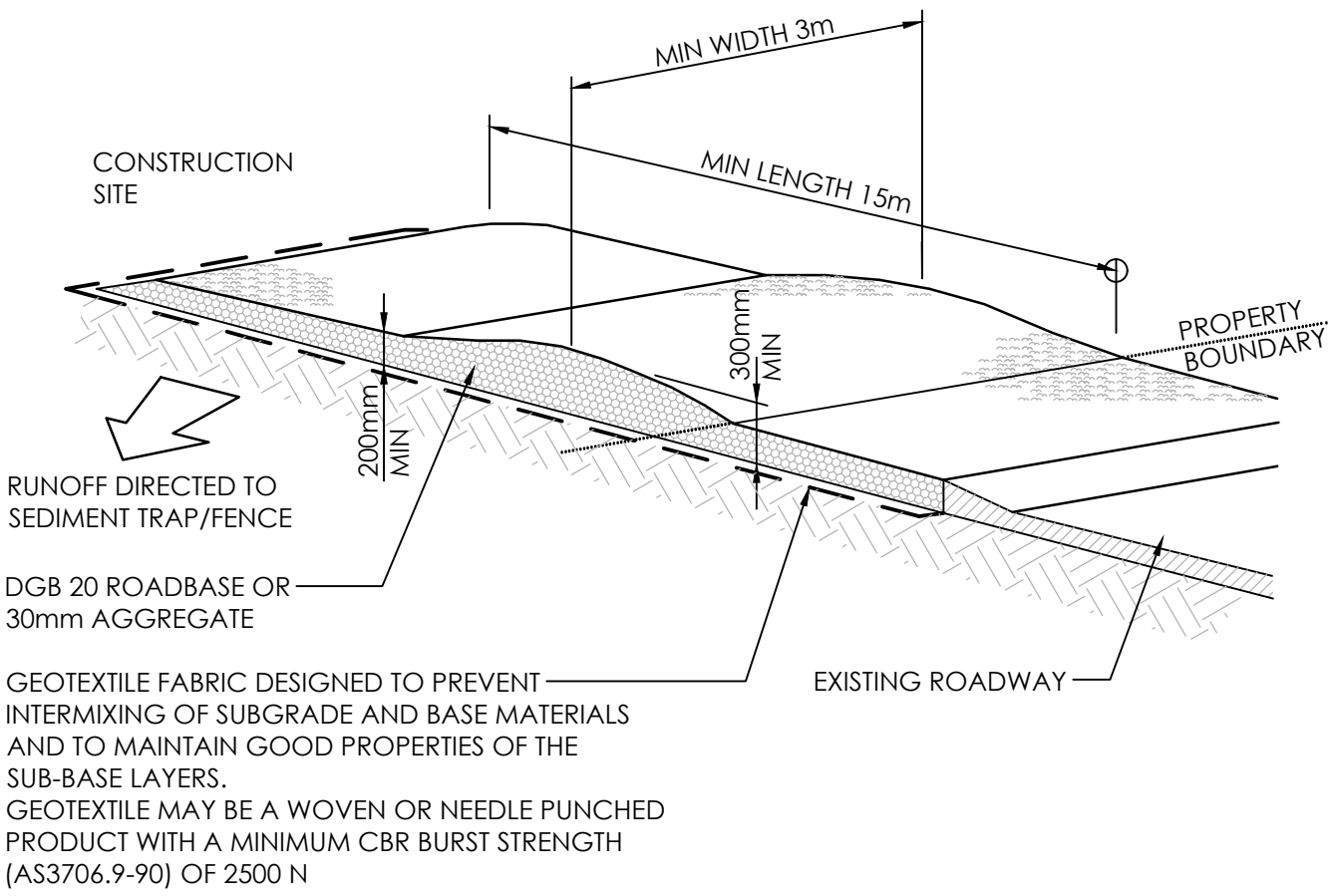


CONSTRUCTION NOTES:

1. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT.
2. FILL THE SLEEVE WITH 25MM TO 50MM GRAVEL.
3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150MM HIGH X 400MM WIDE.
4. PLACE THE FILTER AT THE OPENING OF THE KERB INLET LEAVING A 100MM GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY.
5. MAINTAIN THE OPENING WITH SPACER BLOCKS.
6. FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER.
7. FIT TO ALL KERB INLETS AT SAG POINTS.

MESH AND GRAVEL INLET FILTER

SOURCE: MANAGING URBAN STORMWATER
SOILS AND CONSTRUCTION
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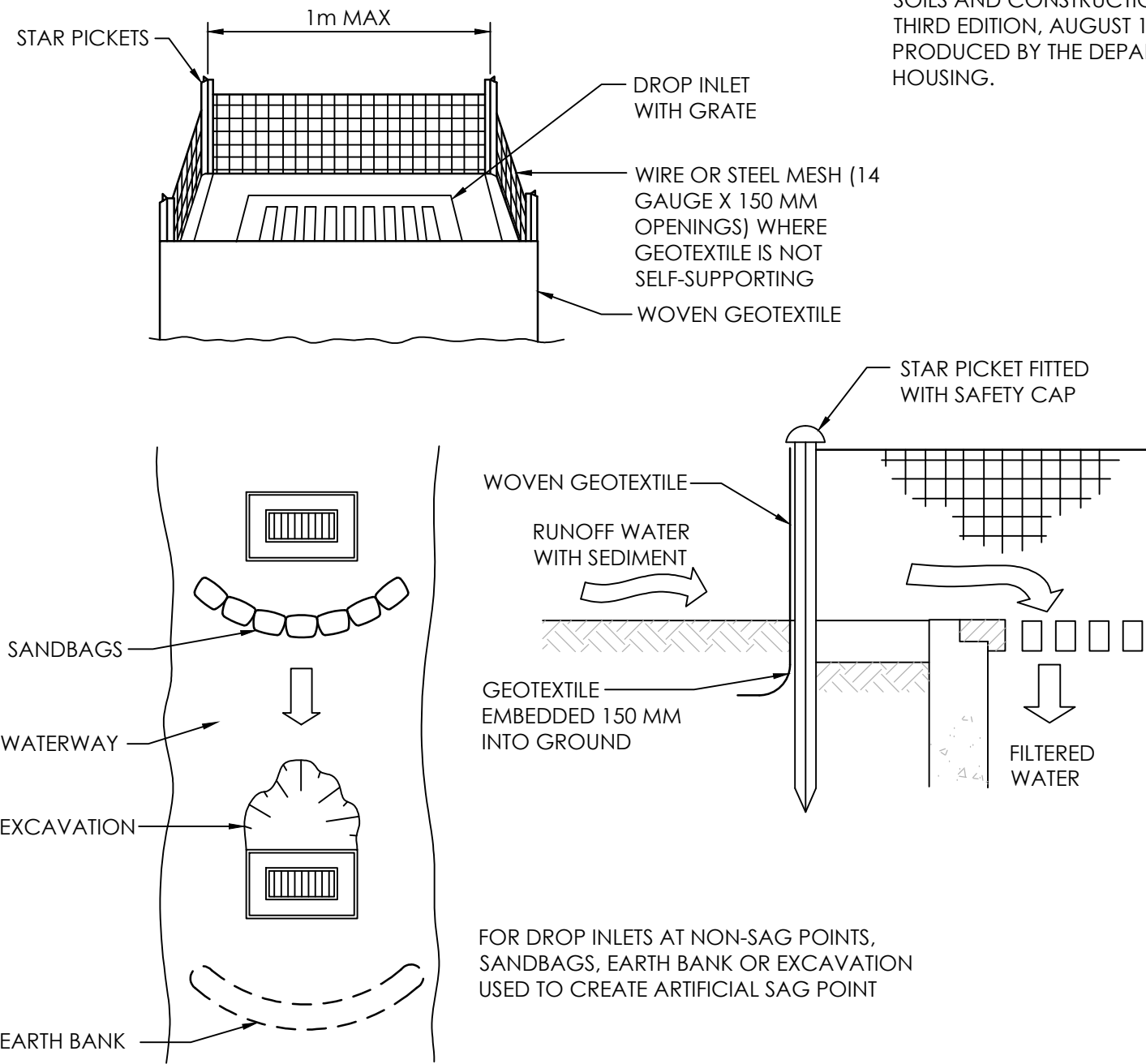


CONSTRUCTION NOTES:

1. STRIP TOPSOIL AND LEVEL SITE.
2. COMPACT SUBGRADE.
3. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
4. CONSTRUCT 200MM THICK PAD OVER GEOTEXTILE USING ROADBASE OR 30MM AGREGATE. MINIMUM LENGTH 1.5M OR TO BUILDING ALIGNMENT, MINIMUM WIDTH 3 METRES.
5. CONSTRUCT HUMP IMMEDIATELY WITHIN BUUNDARY TO DIVERT WATER TO A SEDIMENT FENCE OR OTHER SEDIMENT TRAP.

STABILISED SITE ACCESS

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SOILS AND CONSTRUCTION
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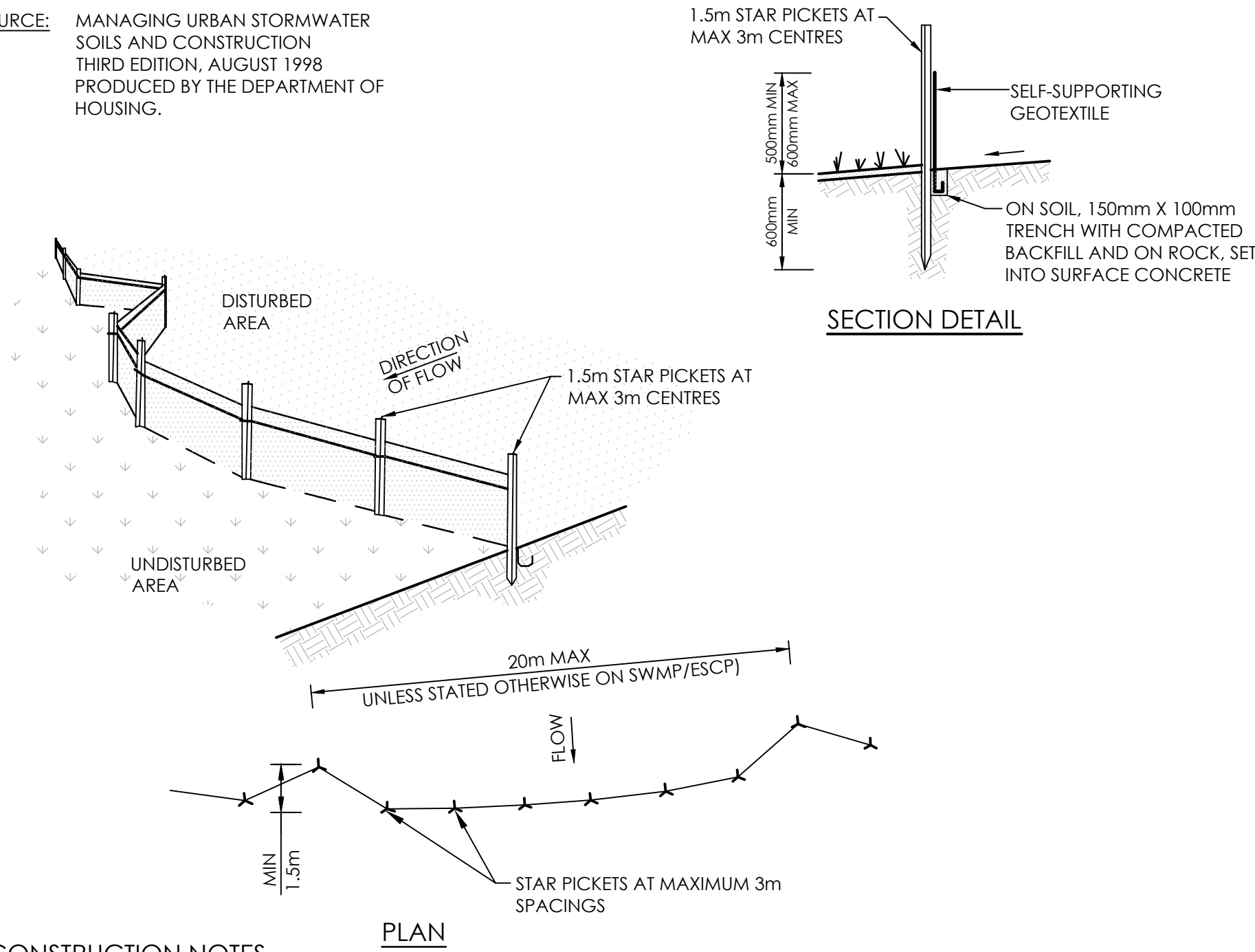


CONSTRUCTION NOTES:

1. FABRICATE A SEDIMENT BARRIER FROM GEOTEXTILE OR STRAW BALES.
2. SUPPORT GEOTEXTILE WITH MESH TIED TO POSTS AT 1 METRE CENTRES.
3. DO NOT COVER INLET WITH GEOTEXTILE.
4. CONSTRUCTION DETAILS ARE SIMILAR TO TYPICAL SEDIMENT FENCING DETAIL.

GEOTEXTILE INLET FILTER

SOURCE: MANAGING URBAN STORMWATER
SOILS AND CONSTRUCTION
THIRD EDITION, AUGUST 1998
PRODUCED BY THE DEPARTMENT OF
HOUSING.



CONSTRUCTION NOTES

1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
2. DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND, 3 METRES APART.
3. DIG A 150 MM DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC.
5. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150 MM OVERLAP.

SEDIMENT FENCE

NOT FOR CONSTRUCTION

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CLIENT
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CHROFI
mdp architecture

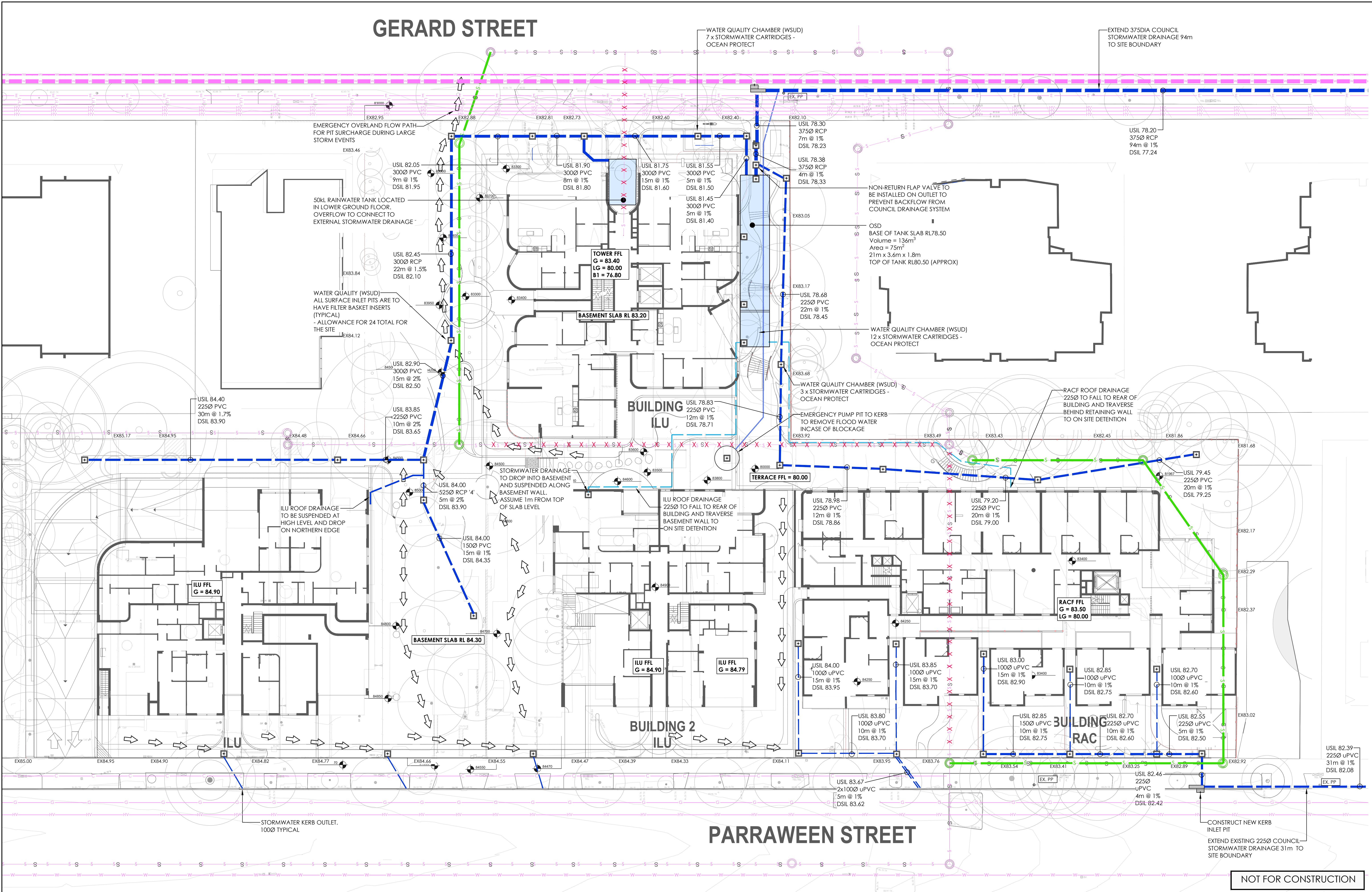
CIVIL CONSULTANT
ENTEC
CONSULTANTS

PROJECT
PATHWAYS RESIDENCES CREMORNE
50-88 PARRAWEEEN STREET and 59-67 GERARD STREET, CREMORNE, N.S.W.

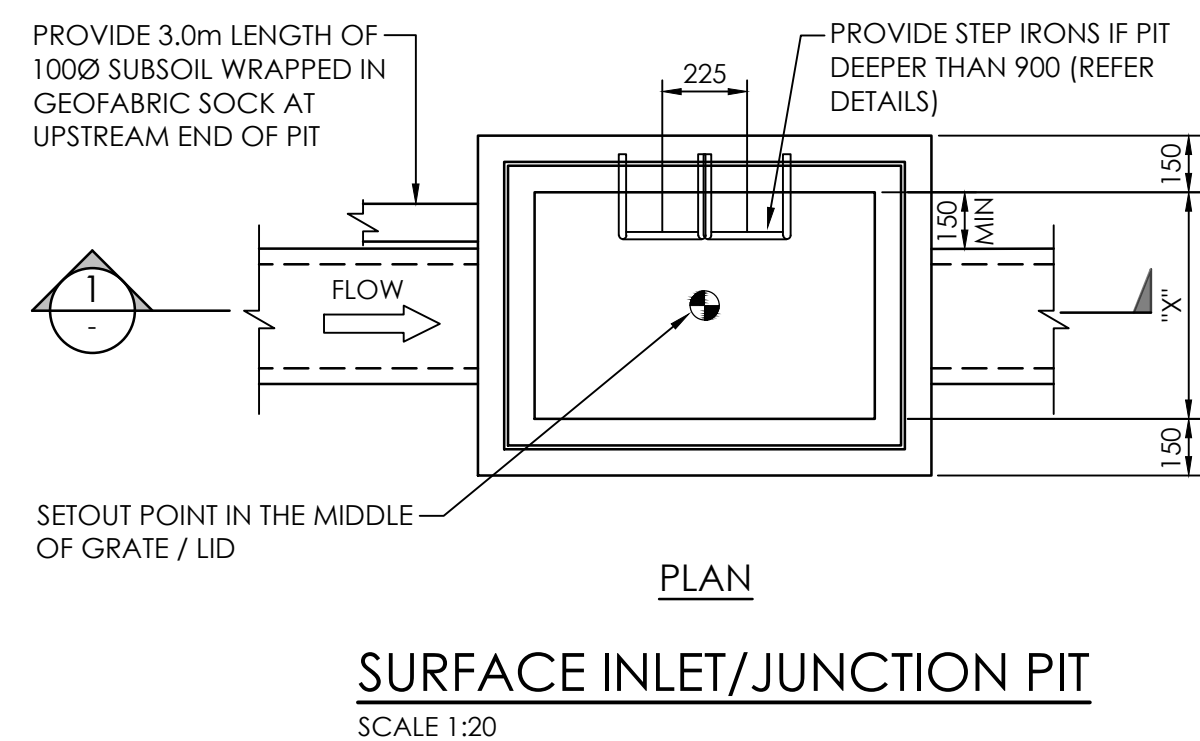
NORTH POINT

DRAWING TITLE					
CIVIL SERVICES					
EROSION AND SEDIMENT CONTROL DETAILS					
DRAWN	DATE	SCALE	AT	QA CHECK	DATE
JL	JUNE 24	NTS		NP	14.06.24
DESIGNED	PROJECT NO.			DRAWING NO.	ISSUE

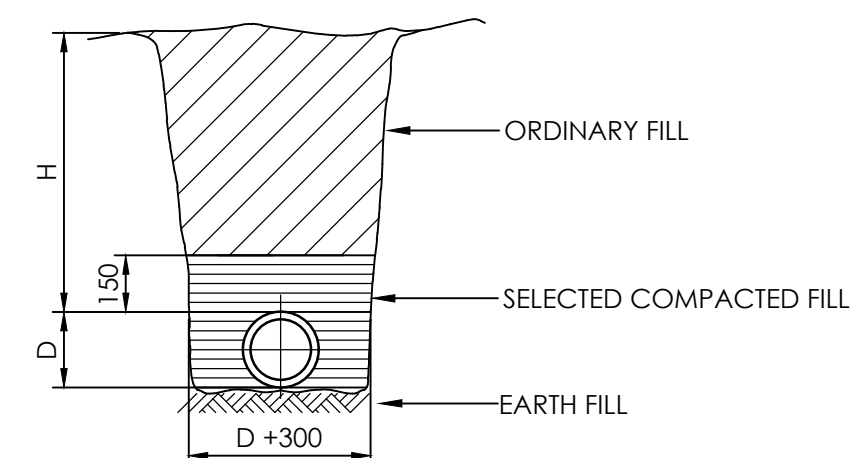
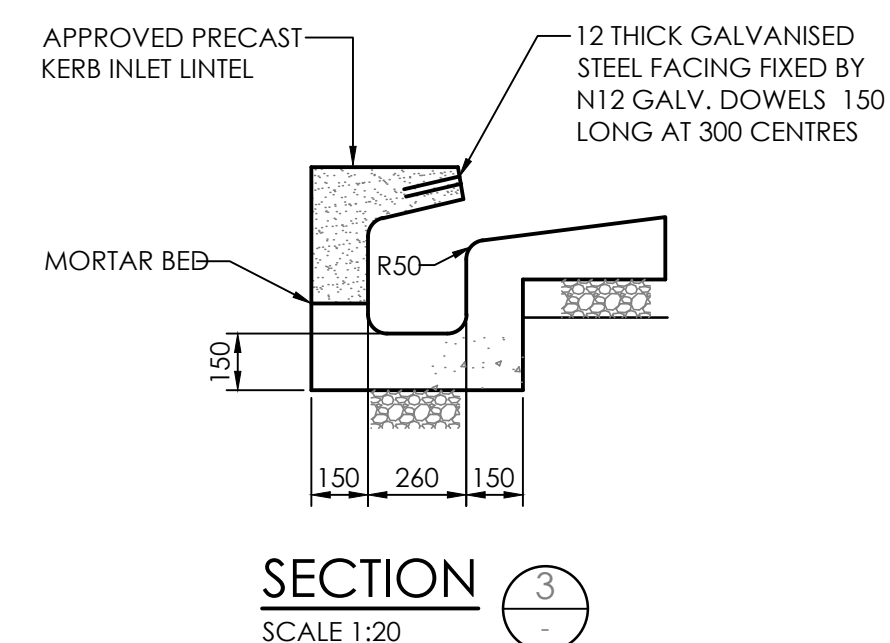
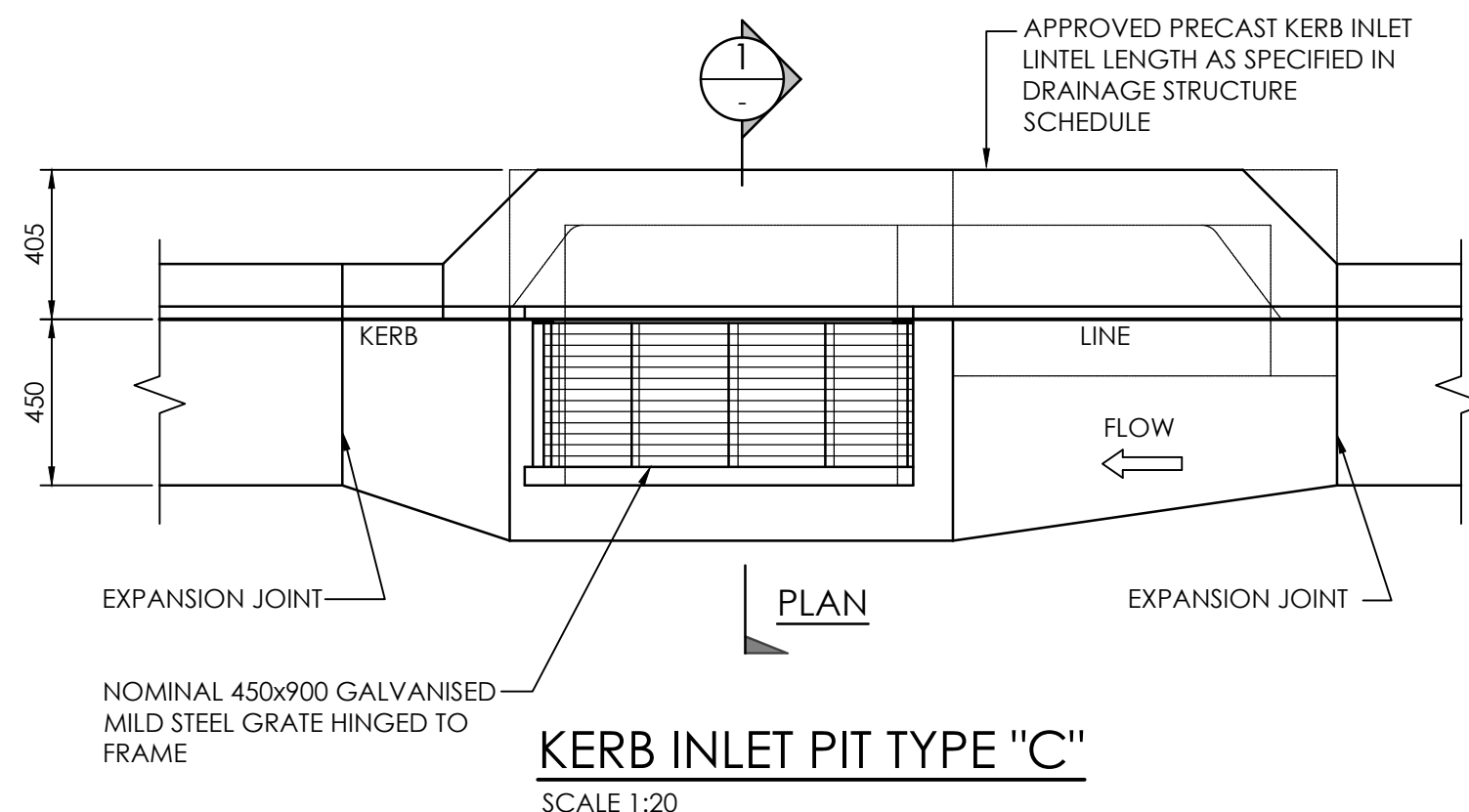
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						CLIENT	ARCHITECT	CIVIL CONSULTANT	PROJECT	NORTH POINT	DRAWING TITLE
D	ISSUE FOR REVISED SSDA	16.07.24	JL	NP	PATHWAYS RESIDENCES	CHROFI architecture	mdp architecture	ENTEC CONSULTANTS	PATHWAYS RESIDENCES CREMORNE 50-88 PARRAWEE STREET and 59-67 GERARD STREET, CREMORNE, N.S.W.	NORTH POINT	CIVIL SERVICES STORMWATER MANAGEMENT PLAN
C	ISSUE FOR REVISED SSDA	12.07.24	JL	NP							
B	ISSUE FOR REVISED SSDA	14.06.24	JL	NP							
A	ISSUE FOR SSDA	16.06.23	SM	NP							
ISSUE	AMENDMENT	DATE	DRAWN	APP							
											DRAWN JL DATE JUNE 24 SCALE 1:200 A1 QA CHECK NP DATE 12.07.24 DESIGNED NP PROJECT NO. 220059 DRAWING NO. C05 ISSUED D

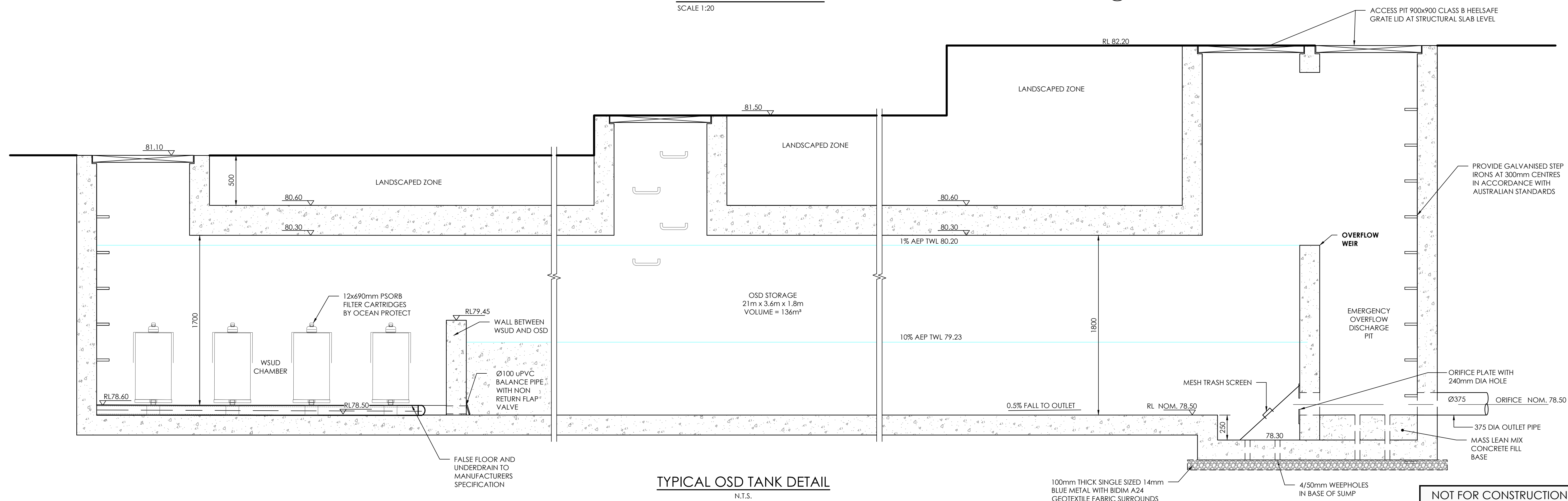


TYPICAL PIT CORNER DETAIL



EARTH FOUNDATIONS TRENCH CONDITIONS

DESIGN CRITERIA	
CATCHMENT AREA =	7355.3m ²
PRE-DEVELOPMENT IMPERVIOUS AREA =	66%
POST-DEVELOPMENT IMPERVIOUS AREA =	75%
PRE-DEVELOPMENT FLOWS (L/s)	
1% AEP	442
5% AEP	330
10% AEP	278
20% AEP	228
POST-DEVELOPMENT FLOWS	
1% AEP	228
5% AEP	183
10% AEP	163
20% AEP	141
OSD STORAGE VOLUME =	136m ³



NOT FOR CONSTRUCTION

D	ISSUE FOR REVISED SSDA	08.08.24	JL	NP
C	ISSUE FOR REVISED SSDA	12.07.24	JL	NP
B	ISSUE FOR REVISED SSDA	14.06.24	JL	NP
A	ISSUE FOR SSDA	16.06.23	SM	NP
ISSUE	AMENDMENT	DATE	DRAWN	APP

CLIENT

PATHWAYS

RESIDENCES

ARCHITECT

CHROFI

mdp

architecture

PROJECT

PATHWAYS RESIDENCES
CREMORNE

50-88 PARRAWEN STREET
and 59-67 GERARD STREET,
CREMORNE, N.S.W.

CIVIL CONSULTANT

ENTEC

CONSULTANTS

PROJECT

PATHWAYS RESIDENCES
CREMORNE

50-88 PARRAWEN STREET
and 59-67 GERARD STREET,
CREMORNE, N.S.W.

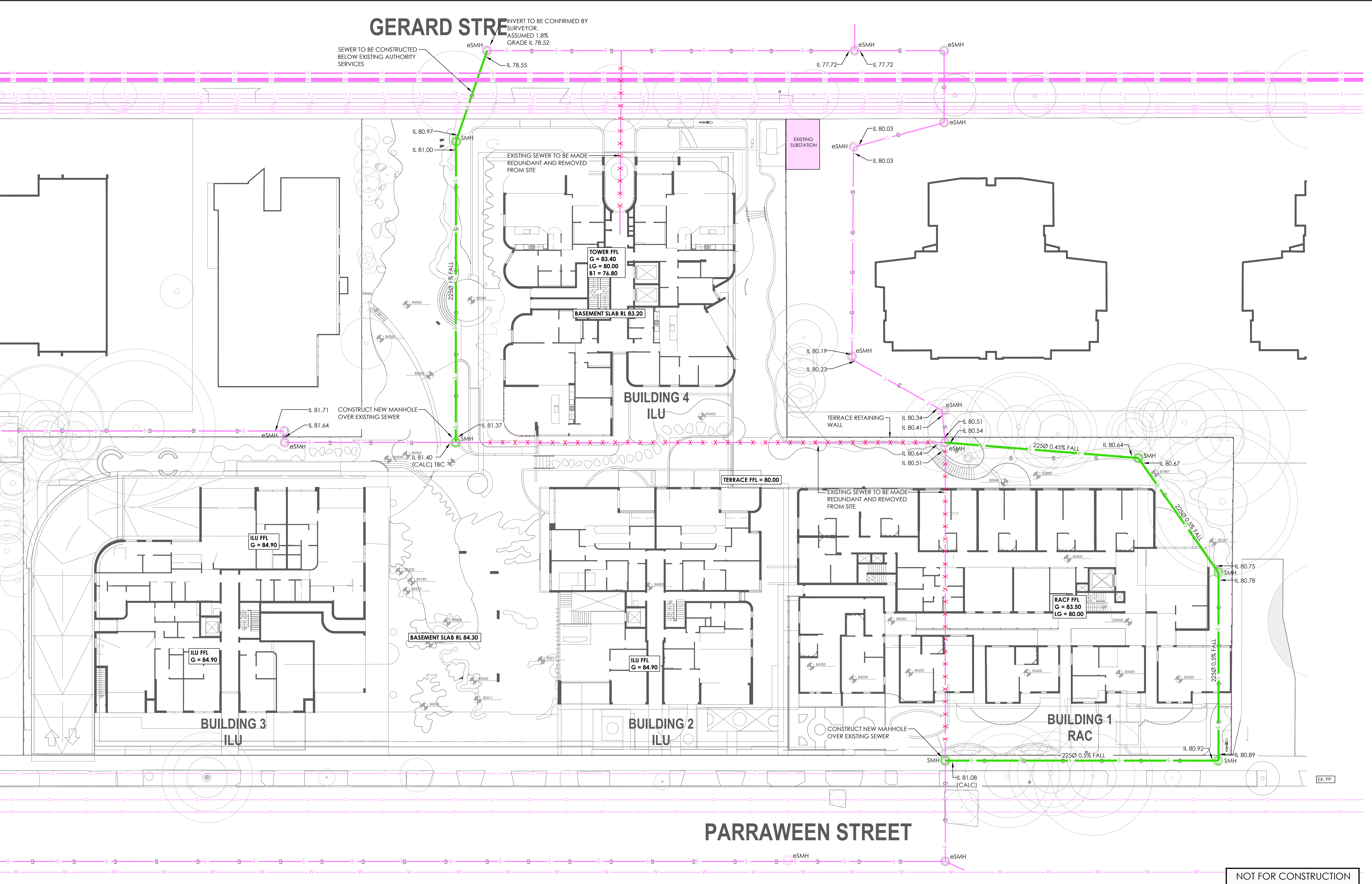
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DRAWING TITLE

CIVIL SERVICES
STORMWATER MANAGEMENT DETAILS

DRAWN JL	DATE JUNE 24	SCALE N/T	A1	QA CHECK NP	DATE 12.07.24
DESIGNED NP	PROJECT NO. 220059	DRAWING NO. C06	ISSUE D		

Jun 08 2024 - 2:36pm	P1202 Price-K120159 Pathways 50-68 Parvathan S Damsel/Dawson/Coll 04/24/2019 09:00-09:06 dm
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B	ISSUE FOR REVISED SSDA	14.06.24	JL	NP	
A	ISSUE FOR SSDA	16.06.23	SM	NP	
ISSUE	AMENDMENT	DATE	DRAWN	APP	

CLIENT

PATHWAYS

RESIDENCES

ARCHITECT

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mdp

architecture

CIVIL CONSULTANT

ENTEC

CONSULTANTS

PROJECT

PATHWAYS RESIDENCES

CREMORNE

50-88 PARRAWEEN STREET

and 59-67 GERARD STREET,

CREMORNE, N.S.W.

NORTH POINT

DRAWING TITLE

CIVIL SERVICES

SEWER DIVERSION PLAN

DRAWN	DATE	SCALE	AI	QA CHECK	DATE
SM	JUNE 24	1:200		NP	14.06.24
DESIGNED	PROJECT NO.	DRAWING NO.	ISSUE		
NP	220059	C07	B		

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