

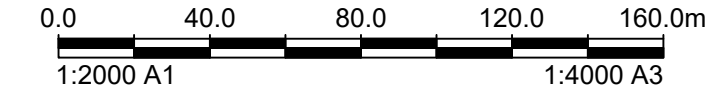
SES ICC UPGRADES

50-58 KNOX STREET GOULBURN, NSW 2580



NUMBER	DRAWING TITLE
GENERAL-00000	
241798-TTW-10-DR-CI-00001	GENERAL COVER SHEET
241798-TTW-10-DR-CI-00003	GENERAL NOTES AND LEGEND SHEET 1
EROSION AND SEDIMENT CONTROL-02000	
241798-TTW-10-DR-CI-02001	EROSION AND SEDIMENT CONTROL NOTES AND LEGEND
241798-TTW-10-DR-CI-02101	EROSION AND SEDIMENT CONTROL PLAN
STORMWATER-04000	
241798-TTW-10-DR-CI-04001	STORMWATER NOTES AND LEGEND SHEET 1
241798-TTW-10-DR-CI-04002	STORMWATER NOTES AND LEGEND SHEET 2
241798-TTW-10-DR-CI-04101	STORMWATER DRAINAGE PLAN

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NOT FOR CONSTRUCTION

			Client:		Engineer:	Project:	Drawing Title:	Scale at A1	Drawn	Designed	Approved
						SES ICC UPGRADES 56-58 KNOX STREET GOULBURN	GENERAL COVER SHEET	1:2000	ES	ML	GC
								Project No	Originator	Zone	Role
								241798-TTW-10-DR-CI-00001-B			
								20.12.2024	1:12 PM		
Rev	Description	Eng Draft	Date	Rev	Description	Eng Draft	Date	Rev	Description	Eng Draft	Date
B	ISSUE FOR APPROVAL	ML	ES 19.12.2024								
A	ISSUE FOR APPROVAL	GC	ES 15.11.2024								

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE REPORTED TO THE SUPERINTENDENT.
2. STRIP ALL TOPSOIL FROM THE CONSTRUCTION AREA. ALL STRIPPED TOPSOIL SHALL BE DISPOSED OF OFF-SITE UNLESS DIRECTED OTHERWISE.
3. MAKE SMOOTH CONNECTION WITH ALL EXISTING WORKS.
4. COMPACT SUBGRADE UNDER BUILDINGS AND PAVEMENTS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.1.1. COMPACTION UNDER BUILDINGS TO EXTEND 2M MINIMUM BEYOND BUILDING FOOTPRINT.
5. ALL WORK ON PUBLIC PROPERTY, PROPERTY WHICH IS TO BECOME PUBLIC PROPERTY, OR ANY WORK WHICH IS TO COME UNDER THE CONTROL OF THE STATUTORY AUTHORITY; THE CONTRACTOR IS TO OBTAIN ALL NECESSARY PERMITS AND DRAWINGS USED FOR CONSTRUCTION HAVE BEEN APPROVED BY ALL RELEVANT AUTHORITIES PRIOR TO COMMENCEMENT SITE.
6. ALL WORK ON PUBLIC PROPERTY, PROPERTY WHICH IS TO BECOME PUBLIC PROPERTY, OR ANY WORK WHICH IS TO COME UNDER THE CONTROL OF THE STATUTORY AUTHORITY IS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT AUTHORITY. THE CONTRACTOR SHALL OBTAIN THESE REQUIREMENTS FROM THE AUTHORITY, WHERE THE REQUIREMENTS OF THE AUTHORITY ARE DIFFERENT TO THE DRAWINGS AND SPECIFICATIONS, THE REQUIREMENTS OF THE AUTHORITY SHALL BE APPLICABLE.
7. FOR ALL TEMPORARY BATTERS REFER TO GEOTECHNICAL RECOMMENDATIONS.

1. THESE DRAWINGS HAVE BEEN BASED FROM, AND TO BE READ IN CONJUNCTION WITH THE FOLLOWING CONSULTANTS DRAWINGS. ANY CONFLICT TO THE DRAWINGS MUST BE NOTIFIED IMMEDIATELY TO THE ENGINEER.

BOUNDARIES AND EASEMENTS

1. THE PROPERTY BOUNDARY AND EASEMENT LOCATIONS SHOWN ON TAYLOR THOMSON WHITTING DRAWING'S HAVE BEEN BASED ON INFORMATION RECEIVED FROM : COOPER AND RICHARDS SURVEYORS
2. TAYLOR THOMSON WHITTING MAKES NO GUARANTEES THAT THE BOUNDARY OR EASEMENT INFORMATION SHOWN IS CORRECT. TAYLOR THOMSON WHITTING WILL ACCEPT NO LIABILITIES FOR BOUNDARY INACCURACIES. THE CONTRACTOR/BUILDER IS ADVISED TO CHECK/CONFIRM ALL BOUNDARIES IN RELATION TO ALL PROPOSED WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. BOUNDARY INACCURACIES FOUND ARE TO BE REPORTED TO THE SUPERINTENDENT PRIOR TO CONSTRUCTION STARTING.

ORIGIN OF LEVELS: PM 8770 WITH A VALUE OF 670.453 (AHD)
 DATUM OF LEVELS: AHD
 COORDINATE SYSTEM: MGA55 GDA2020
 SURVEY PREPARED BY: COOPER AND RICHARDS SURVEYORS
 SETOUT POINTS: CONTACT SURVEYOR

1. TAYLOR THOMSON WHITTING DOES NOT GUARANTEE THAT THE SURVEY INFORMATION SHOWN ON THESE DRAWINGS IS ACCURATE AND WILL ACCEPT NO LIABILITY FOR ANY INACCURACIES IN THE SURVEY INFORMATION PROVIDED TO US FROM ANY CAUSE WHATSOEVER.

1. THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ON TAYLOR THOMSON WHITTINGS DRAWINGS HAVE BEEN PLOTTED FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES. THIS INFORMATION HAS BEEN PREPARED SOLELY FOR THE AUTHORITIES OWN USE AND MAY NOT NECESSARILY BE UPDATED OR ACCURATE.
2. THE POSITION OF SERVICES AS RECORDED BY THE AUTHORITY AT THE TIME OF INSTALLATION MAY NOT REFLECT CHANGES IN THE PHYSICAL ENVIRONMENT SUBSEQUENT TO INSTALLATION. THE CONTRACTOR MUST CONFIRM THE EXACT LOCATION AND EXTENT OF SERVICES PRIOR TO CONSTRUCTION AND NOTIFY ANY CONFLICT WITH THE DRAWINGS IMMEDIATELY TO THE ENGINEER/SUPERINTENDENT.
3. THE CONTRACTOR OBTAIN APPROVAL FROM THE RELEVANT STATE SURVEY DEPARTMENT, TO REMOVE/ADJUST ANY SURVEY MARK. THIS INCLUDES BUT IS NOT LIMITED TO: STATE SURVEY MARKS (SSM), PERMANENT MARKS (PM), CADASTRAL REFERENCE MARKS OR ANY OTHER SURVEY MARK WHICH IS TO BE REMOVED OR ADJUSTED IN ANY WAY.
5. TAYLOR THOMSON WHITTING PLANS DO NOT INDICATE THE PRESENCE OF ANY SURVEY MARK. THE CONTRACTOR IS TO UNDERTAKE THEIR OWN SEARCH.

1. PUBLIC SERVICE UTILITY INFORMATION SHOWN ON PLAN HAS BEEN COMPLIED FROM INFORMATION RECEIVED FROM BEFORE YOU DIG AUSTRALIA INQUIRY, REFERENCE NUMBER 37967586, OBTAINED ON 04.11.2024 UNLESS SPECIFICALLY SHOWN OTHERWISE, THIS LOCATION AND DEPTH OF SERVICES SHOWN ON THIS PLAN HAVE NOT BEEN VERIFIED.
2. THE LOCATION OF SERVICES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED AS ACCURATELY AS POSSIBLE FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES AND SHOULD BE CONFIRMED BY SITE INSPECTION."

1. ALL BASECOURSE MATERIAL TO COMPLY WITH RMS SPECIFICATION NO 3051 AND COMPACTED TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1.
2. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
3. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH AN APPROVED SELECT MATERIAL AND COMPACTED TO A MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1

1. PUBLIC DOMAIN WORKS ARE NOT TO COMMENCE UNTIL THESE DRAWINGS ARE STAMPED AS APPROVED.

CONTRACTOR TO REFER TO APPENDIX B OF THE CIVIL SPECIFICATION FOR THE CIVIL RISK AND SOLUTIONS REGISTER.

3. EXISTING SERVICES
CONTRACTOR TO BE AWARE EXISTING SERVICES ARE LOCATED WITHIN THE SITE. LOCATION OF ALL SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WORKS. CONTRACTOR TO CONFIRM WITH RELEVANT AUTHORITY REGARDING MEASURES TO BE TAKEN TO ENSURE SERVICES ARE PROTECTED OR PROCEDURES ARE IN PLACE TO DEMOLISH AND/OR RELOCATE.
2. EXISTING STRUCTURES
CONTRACTOR TO BE AWARE EXISTING STRUCTURES MAY EXIST WITHIN THE SITE. TO PREVENT DAMAGE TO EXISTING STRUCTURE(S) AND/OR PERSONNEL, SITE WORKS TO BE CARRIED OUT AS FAR AS PRACTICABLY POSSIBLE FROM EXISTING STRUCTURE(S).
3. EXISTING TREES
CONTRACTOR TO BE AWARE EXISTING TREES EXIST WITHIN THE SITE WHICH NEED TO BE PROTECTED. TO PREVENT DAMAGE TO TREES AND/OR PERSONNEL, SITE WORKS TO BE CARRIED OUT AS FAR AS PRACTICABLY POSSIBLE FROM EXISTING TREES. ADVICE NEEDS TO BE SOUGHT FROM ARBORIST AND/OR LANDSCAPE ARCHITECT ON MEASURES REQUIRED TO PROTECT TREES.
4. GROUNDWATER
CONTRACTOR TO BE AWARE GROUND WATER LEVELS ARE CLOSE TO EXISTING SURFACE LEVEL. TEMPORARY DE-WATERING MAY BE REQUIRED DURING CONSTRUCTION WORKS.
5. EXCAVATIONS
DEEP EXCAVATIONS DUE TO STORMWATER DRAINAGE WORKS IS REQUIRED. CONTRACTOR TO ENSURE SAFE WORKING PROCEDURES ARE IN PLACE FOR WORKS. ALL EXCAVATIONS TO BE FENCED OFF AND BATTERS ADEQUATELY SUPPORTED TO APPROVAL OF GEOTECHNICAL ENGINEER.
6. GROUND CONDITIONS
CONTRACTOR TO BE AWARE OF THE SITE GEOTECHNICAL CONDITIONS. REFER TO GEOTECHNICAL REPORT BY
 - NO GEOTECH REPORT HAS BEEN PROVIDED FOR DA. CIVIL AND STRUCTURAL HAVE UTILISED SURROUNDING GEOTECH FROM NEARBY JOBS FOR DA
7. HAZARDOUS MATERIALS
EXISTING ASBESTOS PRODUCTS & CONTAMINATED MATERIAL MAY BE PRESENT ON SITE. CONTRACTOR TO ENSURE ALL HAZARDOUS MATERIALS ARE IDENTIFIED PRIOR TO COMMENCING WORKS. SAFE WORKING PRACTICES AS PER RELEVANT AUTHORITY TO BE ADOPTED AND APPROPRIATE PPE TO BE USED WHEN HANDLING ALL HAZARDOUS MATERIALS. REFER TO GEOTECHNICAL/ENVIRONMENTAL REPORT BY
 - NO GEOTECH REPORT HAS BEEN PROVIDED FOR DA. CIVIL AND STRUCTURAL HAVE UTILISED SURROUNDING GEOTECH FROM NEARBY JOBS FOR DA
8. CONFINED SPACES
CONTRACTOR TO BE AWARE OF POTENTIAL HAZARDS DUE TO WORKING IN CONFINED SPACES SUCH AS STORMWATER PITS, TRENCHES AND/OR TANKS. CONTRACTOR TO PROVIDE SAFE WORKING METHODS AND USE APPROPRIATE PPE WHEN ENTERING CONFINED SPACES.

9. **MANUAL HANDLING**
CONTRACTOR TO BE AWARE MANUAL HANDLING MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ENSURE MANUAL HANDLING PROCEDURES AND ASSESSMENTS ARE IN PLACE PRIOR TO COMMENCING WORKS.
10. **WATER POLLUTION**
CONTRACTOR TO ENSURE APPROPRIATE MEASURES ARE TAKEN TO PREVENT POLLUTANTS FROM CONSTRUCTION WORKS CONTAMINATING THE SURROUNDING ENVIRONMENT.
11. **SITE ACCESS/EGRESS**
CONTRACTOR TO BE AWARE SITE WORKS OCCUR IN CLOSE PROXIMITY TO FOOTPATHS AND ROADWAYS. CONTRACTOR TO ERECT APPROPRIATE BARRIERS AND SIGNAGE TO PROTECT SITE PERSONNEL AND PUBLIC.
12. **VEHICLE MOVEMENT**
CONTRACTOR TO SUPPLY AND COMPLY WITH TRAFFIC MANAGEMENT PLAN AND PROVIDE ADEQUATE SITE TRAFFIC CONTROL INCLUDING A CERTIFIED TRAFFIC MARSHALL TO SUPERVISE VEHICLE MOVEMENTS WHERE NECESSARY.

BLOCK BOUNDARY EXTINGUISHED

FUTURE BUILDING ENVELOPE

BASEMENT OUTLINE

BUILDING AWNING

BUILDING DOUBLE DOOR ENTRY

BUILDING SINGLE DOOR ENTRY

BUILDING SLIDING DOOR ENTRY

BUILDING SLIDING DOOR ENTRY
TREE REPRESENTATION MAY VARY BASED ON
LANDSCAPE CONSULTANT OR SURVEY INFORMATION

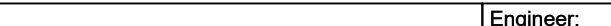
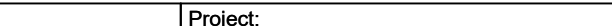
PAVEMENT

SOFT LANDSCAPE

TREE PROTECTION ZONE

STRUCTURAL ROOT ZONE

NOT FOR CONSTRUCTION

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B ISSUE FOR APPROVAL					ML ES 19.12.2024																																					
A ISSUE FOR APPROVAL					GC ES 15.11.2024																																					
Rev Description			Eng Draft			Date			Rev Description			Eng Draft			Date			Rev Description			Eng Draft			Date																		
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EROSION AND SEDIMENT CONTROL NOTES

1. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH:-
- LOCAL AUTHORITY REQUIREMENTS,
 - EPA POLLUTION CONTROL MANUAL FOR URBAN STORMWATER, LANDCOM NSW - MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION ("BLUE BOOK").
2. EROSION AND SEDIMENT CONTROL DRAWINGS AND NOTES ARE PROVIDED FOR THE WHOLE OF THE WORKS. SHOULD THE CONTRACTOR STAGE THESE WORKS THEN THE DESIGN MAY BE REQUIRED TO BE MODIFIED. VARIATION TO THESE DETAILS MAY REQUIRE APPROVAL BY THE RELEVANT AUTHORITIES. THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE IMPLEMENTED AND ADAPTED TO MEET THE VARYING SITUATIONS AS WORK ON SITE PROGRESSES.
3. MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
4. WHEN STORMWATER PITS ARE CONSTRUCTED PREVENT SITE RUNOFF ENTERING THE PITS UNLESS SILT FENCES ARE ERECTED AROUND PITS.
5. MINIMISE THE AREA OF SITE BEING DISTURBED AT ANY ONE TIME.
6. PROTECT ALL STOCKPILES OF MATERIALS FROM SCOUR AND EROSION. DO NOT STOCKPILE LOOSE MATERIAL IN ROADWAYS, NEAR DRAINAGE PITS OR IN WATERCOURSES.
7. ALL SOIL AND WATER CONTROL MEASURES ARE TO BE PUT BACK IN PLACE AT THE END OF EACH WORKING DAY, AND MODIFIED TO BEST SUIT SITE CONDITIONS.
8. CONTROL WATER FROM UPSTREAM OF THE SITE SUCH THAT IT DOES NOT ENTER THE DISTURBED SITE.
9. ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE TEMPORARY CONSTRUCTION ENTRY/EXIT.
10. ALL VEHICLES LEAVING THE SITE SHALL BE CLEANED AND INSPECTED BEFORE LEAVING.
11. MAINTAIN ALL STORMWATER PIPES AND PITS CLEAR OF DEBRIS AND SEDIMENT. INSPECT STORMWATER SYSTEM AND CLEAN OUT AFTER EACH STORM EVENT.
12. CLEAN OUT ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH STORM EVENT.

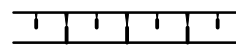
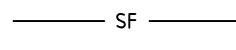




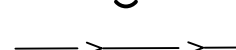
SEQUENCE OF WORKS

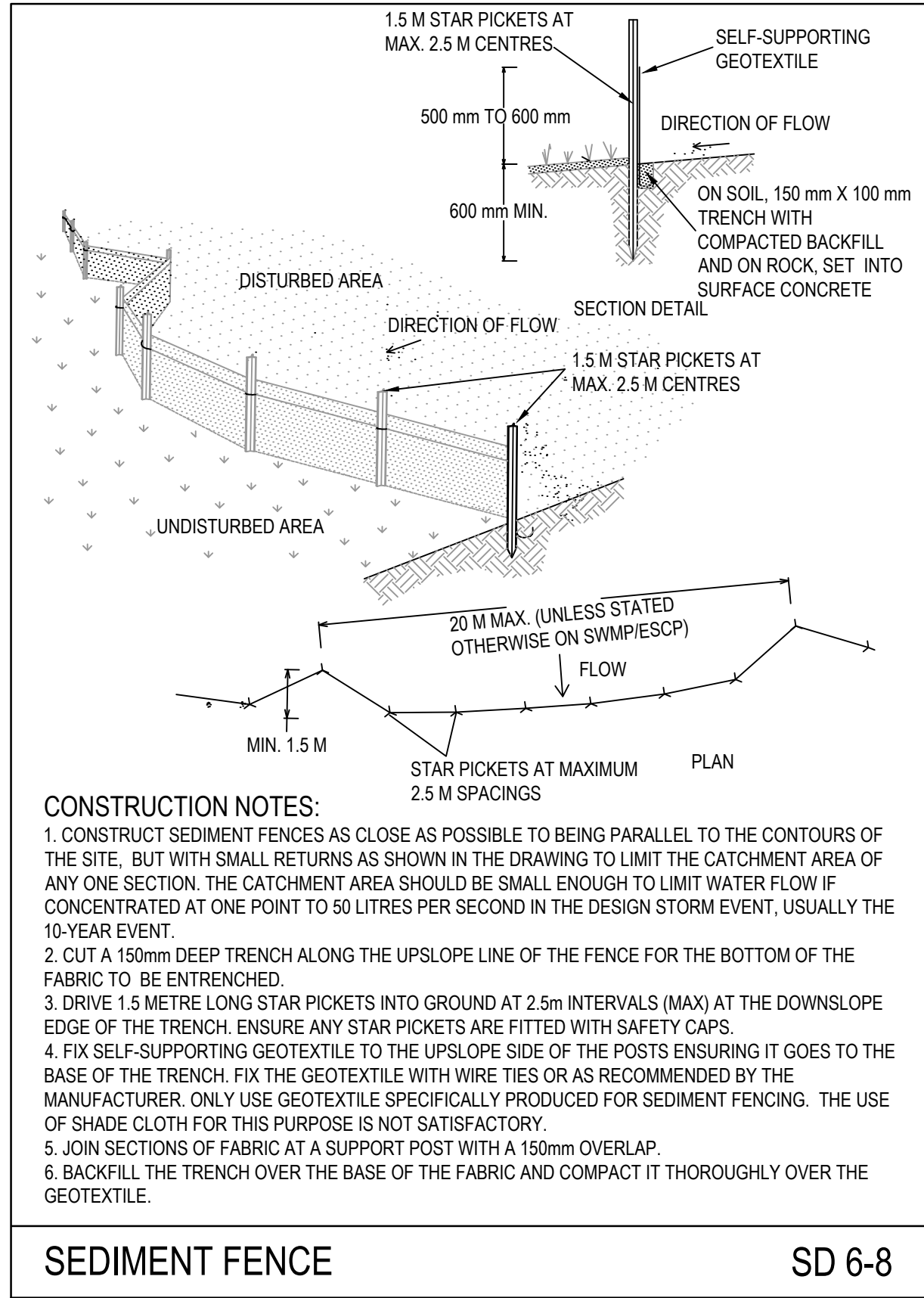
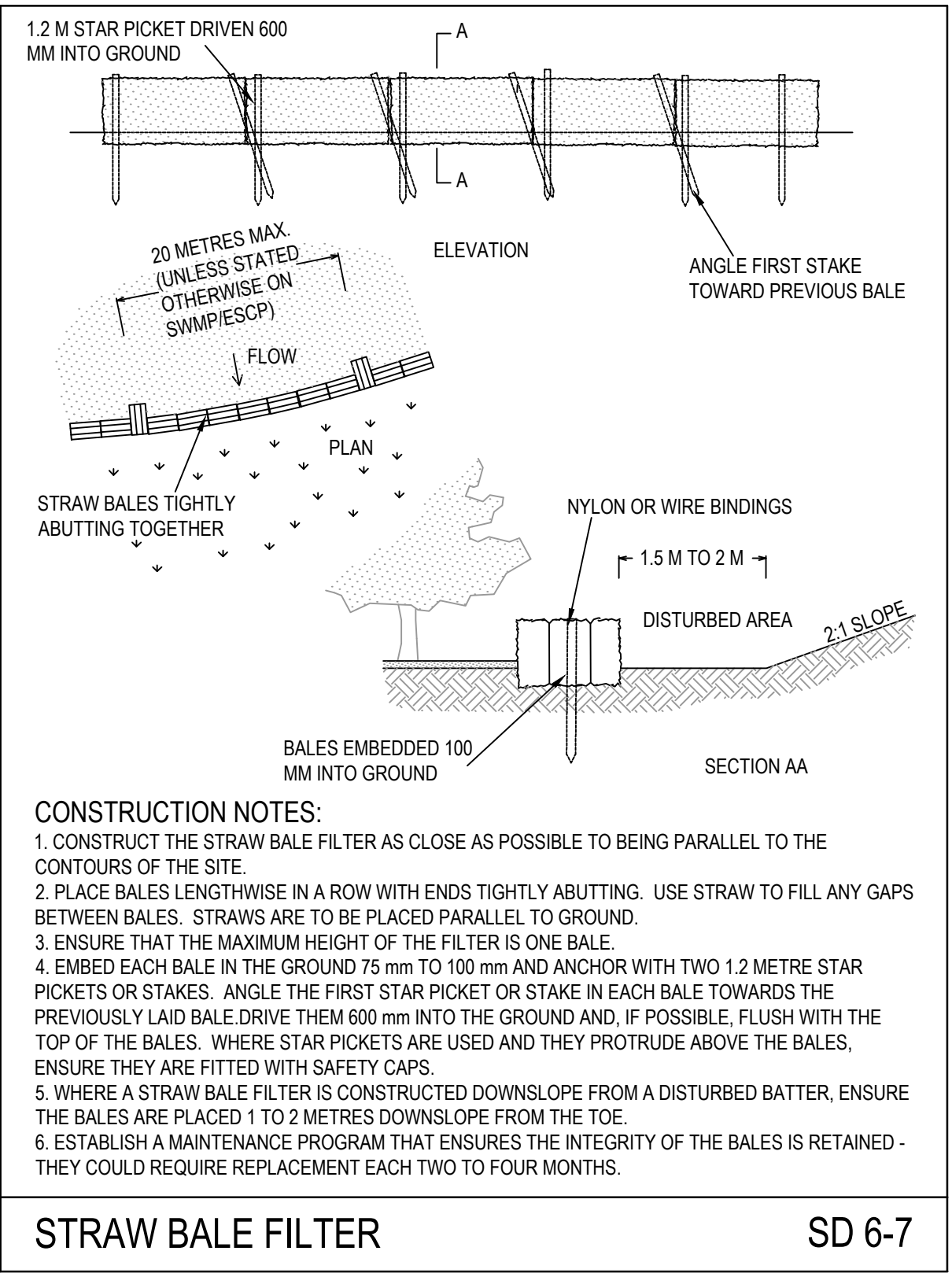
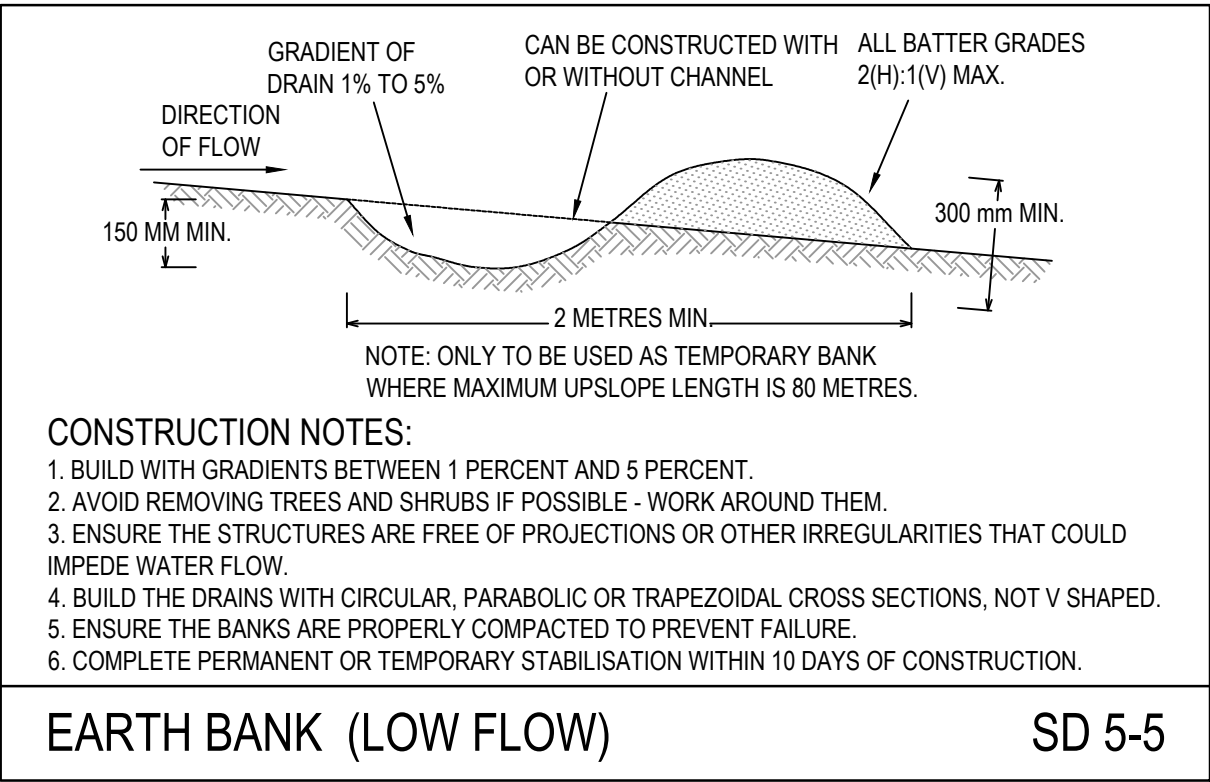
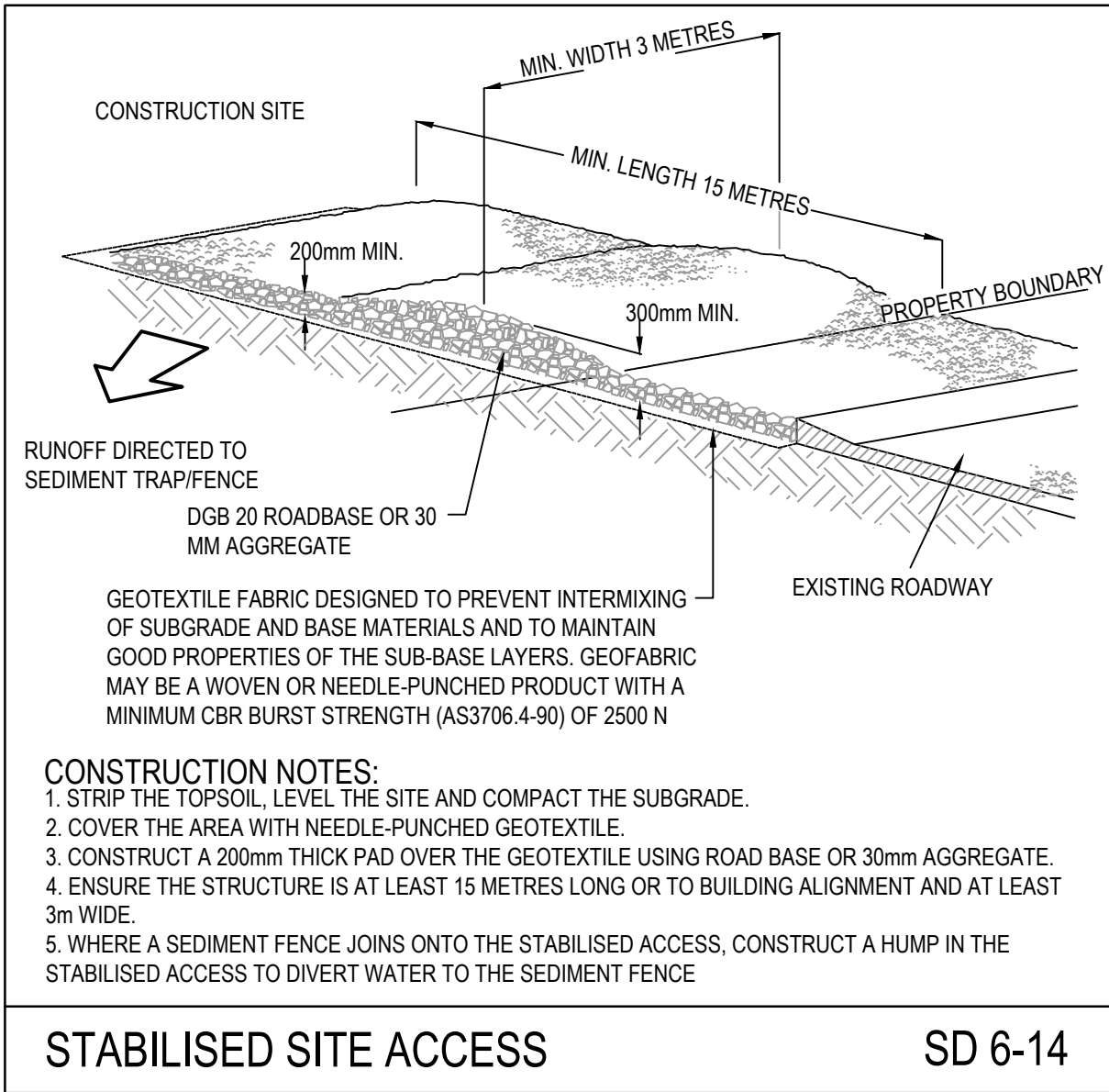
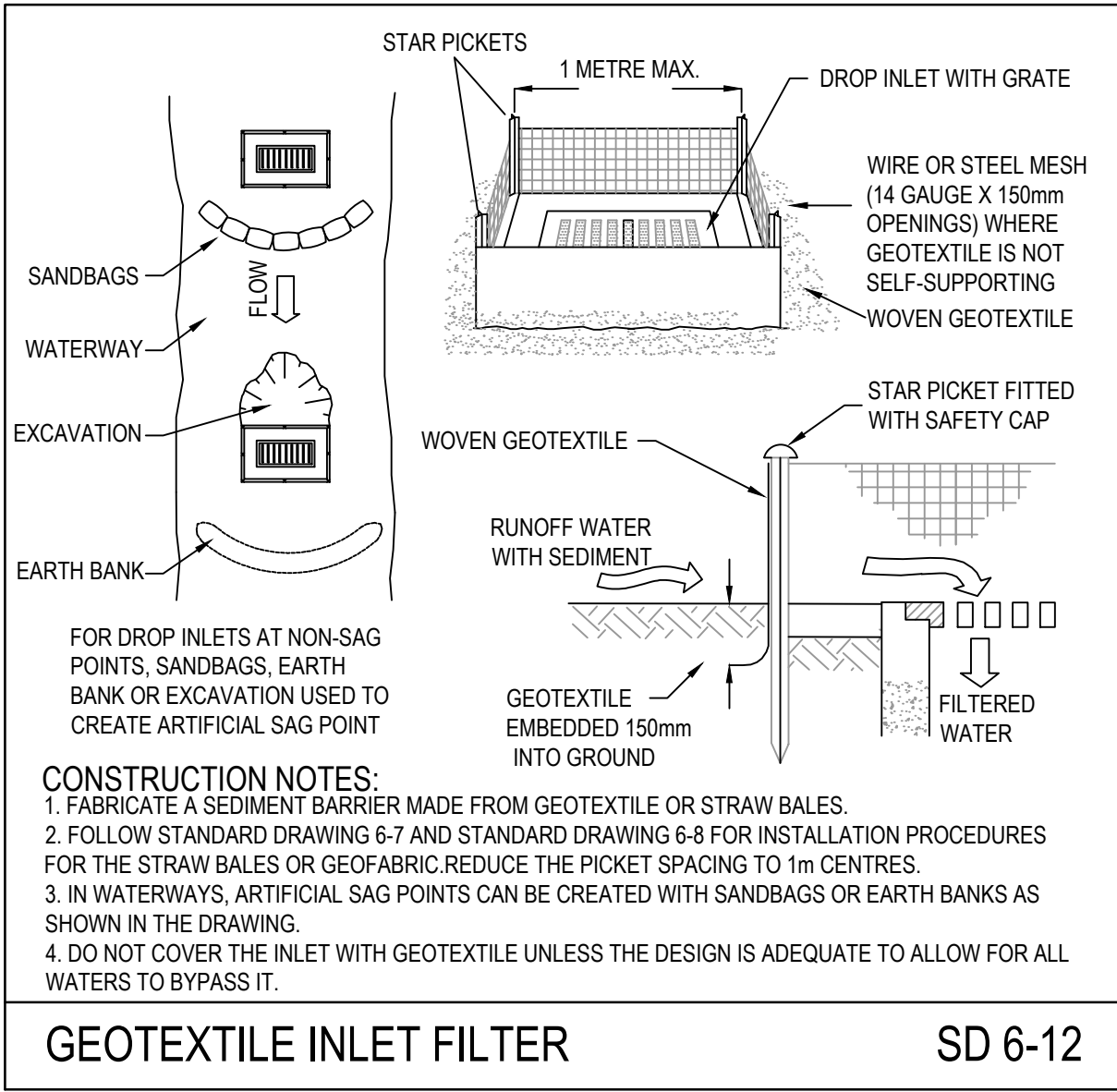
1. PRIOR TO COMMENCEMENT OF EXCAVATION THE FOLLOWING SOIL MANAGEMENT DEVICES MUST BE INSTALLED.
- 1.1. CONSTRUCT SILT FENCES BELOW THE SITE AND ACROSS ALL POTENTIAL RUNOFF SITES.
 - 1.2. CONSTRUCT TEMPORARY CONSTRUCTION ENTRY/EXIT AND DIVERT RUNOFF TO SUITABLE CONTROL SYSTEMS.
 - 1.3. CONSTRUCT MEASURES TO DIVERT UPSTREAM FLOWS INTO EXISTING STORMWATER SYSTEM.
 - 1.4. CONSTRUCT SEDIMENTATION TRAPS/BASIN INCLUDING OUTLET CONTROL AND OVERFLOW.
 - 1.5. CONSTRUCT TURF LINED SWALES.
 - 1.6. PROVIDE SANDBAG SEDIMENT TRAPS UPSTREAM OF EXISTING PITS.
2. CONSTRUCT GEOTEXTILE FILTER PIT SURROUND AROUND ALL PROPOSED PITS AS THEY ARE CONSTRUCTED.
3. ON COMPLETION OF PAVEMENT PROVIDE SAND BAG KERB INLET SEDIMENT TRAPS AROUND PITS.
4. PROVIDE AND MAINTAIN A STRIP OF TURF ON BOTH SIDES OF ALL ROADS AFTER THE CONSTRUCTION OF KERBS.

WATER QUALITY TESTING REQUIREMENTS

1. PRIOR TO DISCHARGE OF SITE STORMWATER, GROUNDWATER AND SEEPAGE WATER INTO COUNCIL'S STORMWATER SYSTEM, CONTRACTORS MUST UNDERTAKE WATER QUALITY TESTS IN CONJUNCTION WITH A SUITABLY QUALIFIED ENVIRONMENT CONSULTANT OUTLINING THE FOLLOWING: -
- COMPLIANCE WITH THE CRITERIA OF THE AUSTRALIAN AND NEW ZEALAND GUIDELINES FOR FRESH AND MARINE WATER QUALITY (2000)
 - IF REQUIRED SUBJECT TO THE ENVIRONMENTAL CONSULTANTS ADVICE, PROVIDE REMEDIAL MEASURES TO IMPROVE THE QUALITY OF WATER THAT IS TO BE DISCHARGED INTO COUNCILS STORM WATER DRAINAGE SYSTEM.THIS SHOULD INCLUDE COMMENTS FROM A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT CONFIRMING THE SUITABILITY OF THESE REMEDIAL MEASURES TO MANAGE THE WATER DISCHARGED FROM THE SITE INTO COUNCILS STORM WATER DRAINAGE SYSTEM. OUTLINING THE PROPOSED, ONGOING MONITORING, CONTINGENCY PLANS AND VALIDATION PROGRAM THAT WILL BE IN PLACE TO CONTINUALLY MONITOR THE QUALITY OF WATER DISCHARGED FROM THIS SITE. THIS SHOULD OUTLINE THE FREQUENCY OF WATER QUALITY TESTING THAT WILL BE UNDERTAKEN BY A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT.

EROSION AND SEDIMENT CONTROL LEGEND

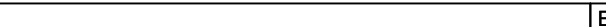
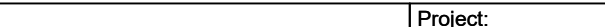
	BATTER
	SEDIMENT FENCE (6-8)
	STORMWATER PIT WITH GEOTEXTILE INLET FILTER (SD6-12)
	STRAW BALE FILTERS (SD6-7)
	SANDBAG SEDIMENT FILTER (SD6-11)
	CATCH DRAIN (SD5-5)
	LEVEL SPREADER (SD5-6)



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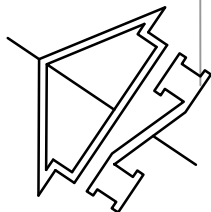
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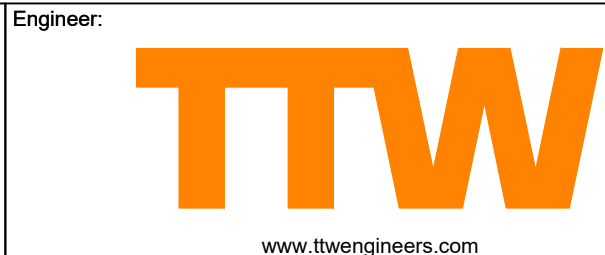
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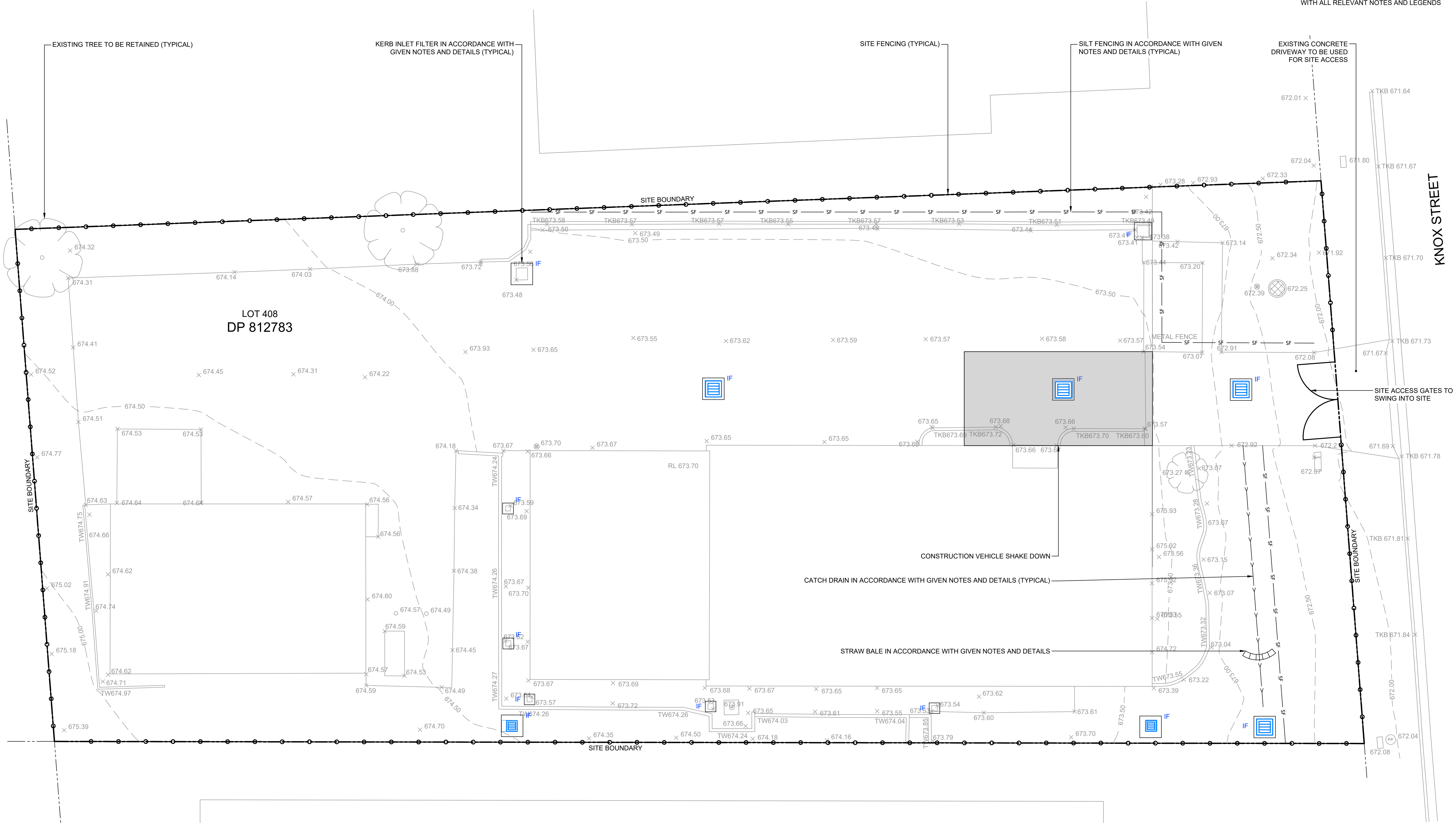
B ISSUE FOR APPROVAL			ML ES 19.12.2024					
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Rev	Description	Eng Draft	Date	Rev	Description	Eng Draft	Date	Rev



Project:
SES ICC UPGRADES
56-58 KNOX STREET
GOULBURN

Drawing Title:
EROSION AND SEDIMENT
CONTROL PLAN

Scale at A1	Drawn	Designed	Approved
1:100	ES	ML	GC
Project No	Originator	Zone	Type
241798-TTW-10-DR-CI-02101-B			
20.12.2024	1:12 PM		



NOT FOR CONSTRUCTION

STORMWATER DRAINAGE

EXISTING	EXHUMED OR ABANDONED	PROPOSED	
			Ø150 STORMWATER LINE WITH GRATED INLET SUMP AND PIPE END CAP
			Ø300 STORMWATER LINE WITH KERB INLET SUMP (KIS) ON GRADE (KIS) AND DIRECTIONAL FLOW ARROW
			Ø375 STORMWATER LINE WITH KERB INLET SUMP (KIS) IN SAG (KIS) AND HEADWALL
			Ø225 STORMWATER LINE WITH KERB GRATED INLET SUMP AND TRENCH DRAIN
			Ø450 STORMWATER LINE WITH JUNCTION PIT AND KERB INLET SUMP ON GRADE (KIS) FOR PIPES > THAN Ø450 UP TO Ø750
			DISH DRAIN WITH DISH DRAIN INLET SUMP (DDIS) AND FLOW DIRECTIONAL ARROWS

SUBSOIL DRAINAGE

EXISTING	PROPOSED	
		SUBSOIL DRAINAGE WITH HIGH END RISER AND INTERMEDIATE RISER

SEWER

EXISTING	EXHUMED OR ABANDONED	PROPOSED	
			CAST IN-SITU REINFORCED DN1050 SEWER MAINTENANCE HOLE SEWERS ≤ DN350. DEPTH OF INVERT 1.2m TO 6.0m DEEP
			CAST IN-SITU REINFORCED DN1200 SEWER MAINTENANCE HOLE SEWERS ≤ DN450. DEPTH OF INVERT 1.6m TO 10m DEEP
			CAST IN-SITU REINFORCED DN1800 SEWER MAINTENANCE HOLE SEWERS DN500 - DN750. DEPTH OF INVERT 1.6m TO 10m DEEP
			PRECAST DN1050 SEWER MAINTENANCE HOLE SEWERS DN150 - DN225. DEPTH UP TO 6.0m
			PRECAST DN1200 SEWER MAINTENANCE HOLE SEWERS DN150 - DN225. DEPTH UP TO 6.0m
			PRECAST DN1050 SEWER MAINTENANCE HOLE SEWERS DN150 - DN225. DEPTH UP TO 6.0m WITH EXTERNAL DROP DN150 OR DN225

WATER

EXISTING	EXHUMED OR ABANDONED	PROPOSED	
			Ø150 WATER LINE WITH HYDRANT, STOP VALVE AND PIPE END CAP
			Ø150 WATER LINE WITH THRUST BLOCK, STOP COCK AND WATER METER
			Ø150 WATER LINE WITH REDUCER, PIERED THRUST BLOCK

GAS

EXISTING	EXHUMED OR ABANDONED	PROPOSED	
			110kPa Ø50 GAS LINE, WITH GAS MARKER AND GAS VALVE

TELECOMMUNICATIONS

EXISTING	EXHUMED OR ABANDONED	PROPOSED	
			TELECOMMUNICATIONS LINE WITH TELECOMMUNICATIONS PIT

ELECTRICAL

EXISTING	EXHUMED OR ABANDONED	PROPOSED	
			LOW VOLTAGE OVERHEAD ELECTRICAL LINE WITH POWER POLE
			LOW VOLTAGE BELOW GROUND ELECTRICAL CONDUIT WITH ELECTRICAL PIT
			HIGH VOLTAGE OVERHEAD ELECTRICAL LINE WITH POWER POLE
			HIGH VOLTAGE BELOW GROUND ELECTRICAL CONDUIT WITH ELECTRICAL PIT

LIGHTING

EXISTING	EXHUMED OR ABANDONED	PROPOSED	
			LIGHTING CONDUIT WITH SINGLE REACH LIGHT COLUMN
			LIGHTING CONDUIT WITH DUAL REACH LIGHT COLUMN
			LIGHTING CONDUIT PEDESTRIAN LIGHT COLUMN

SHARED UTILITIES TRENCH

EXISTING	EXHUMED OR ABANDONED	PROPOSED	
			SHARED UTILITIES TRENCH TYPE 1
			SHARED UTILITIES TRENCH TYPE 2
			SHARED UTILITIES TRENCH TYPE 3
			SHARED UTILITIES TRENCH TYPE 4
			SHARED UTILITIES TRENCH TYPE 5
REFER SHARED UTILITIES TRENCH	DETAILS		

CLASSIFICATION OF EXISTING UTILITY INFORMATION

- A - SIGHTED, MUST BE LOCATED, THEN POTHOLED. UTILITY MUST BE PHYSICALLY SIGHTED AND MEASURED.
- B - ELECTRONICALLY DETECTED AND LOCATED ON SITE USING VARIOUS TRACING METHODS.
- C - ALIGNED FROM SURFACE FEATURES AND DIGITISED DATA.
- D - DIGITISED DATA (DIAL BEFORE YOU DIG).

NOTE

- BELOW GROUND SERVICES CAN BE REPRESENTED AS GREY FOR EXISTING AND BLACK FOR PROPOSED DEPENDING ON THE PLAN.
- EXISTING SERVICES PITS, STRUCTURES AND COLUMNS ARE ILLUSTRATED AS PER THE ORIGINAL SURVEY.

NOT FOR CONSTRUCTION

			Client:		Engineer:	Project:	Drawing Title:	Scale at A1	Drawn	Designed	Approved
						SES ICC UPGRADES	STORMWATER	AS SHOWN	ES	ML	GC
						56-58 KNOX STREET	NOTES AND LEGEND	Project No	Originator	Zone	Type
						GOULBURN	SHEET 2	241798-TTW-10-DR-CI-04002-B			
								20.12.2024	1:13 PM		
B	ISSUE FOR APPROVAL	ML	ES	19.12.2024							
A	ISSUE FOR APPROVAL	GC	ES	15.11.2024							
Rev	Description	Eng Draft	Date	Rev	Description	Eng Draft	Date	Rev	Description	Eng Draft	Date

KNOX STREET



Scale at A1	Drawn	Designed	Approved			
1:100	ES	ML	GC			
Project No	Originator	Zone	Type	Role	Sheet No.	Rev
241798-TTW-10-DR-CI-04101-B						
20.12.2024 1:13 PM						