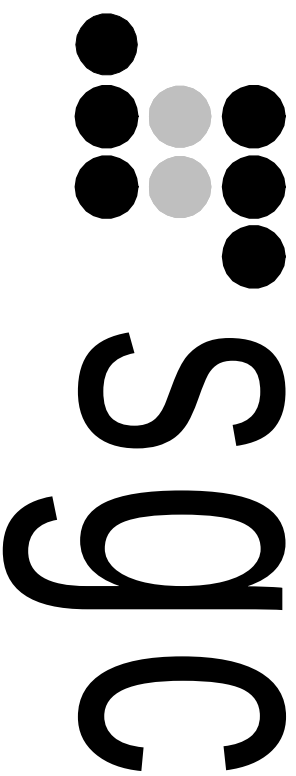


PROPOSED MULTI-UNIT FLAT BUILDING 21 ATKINSON STREET, LIVERPOOL

STORMWATER CONCEPT DESIGN



LOCALITY PLAN

DRAWING REGISTER	
No.	REV
SW01	B
SW02	B
SW03	B
SW04	B
SW05	B
SW06	B
SW07	B

Drawing Title			
COVER SHEET			
Project Number	Drawing Number	Revision Number	
20150209	SW01	B	
Sheet	1 of 7	Issue	FOR APPROVAL

SERVICES ON THIS DRAWING
ARE SHOWN BELOW SLAB UNLDO

CONTRACTOR TO LOCATE AND
VERIFY EXISTING STORMWATER MAIN
AND REPORT BACK TO DESIGN
ENGINEER SO THAT SOUND
JUDGEMENT/DECISION CAN BE MADE.
BREAK INTO EXISTING KERB
INLET PIT TO MAKE SMOOTH
CONNECTION TO COUNCIL
REQUIREMENT.

Ø300mm uPVC OVERFLOW PIPE
FROM RAINWATER TANK

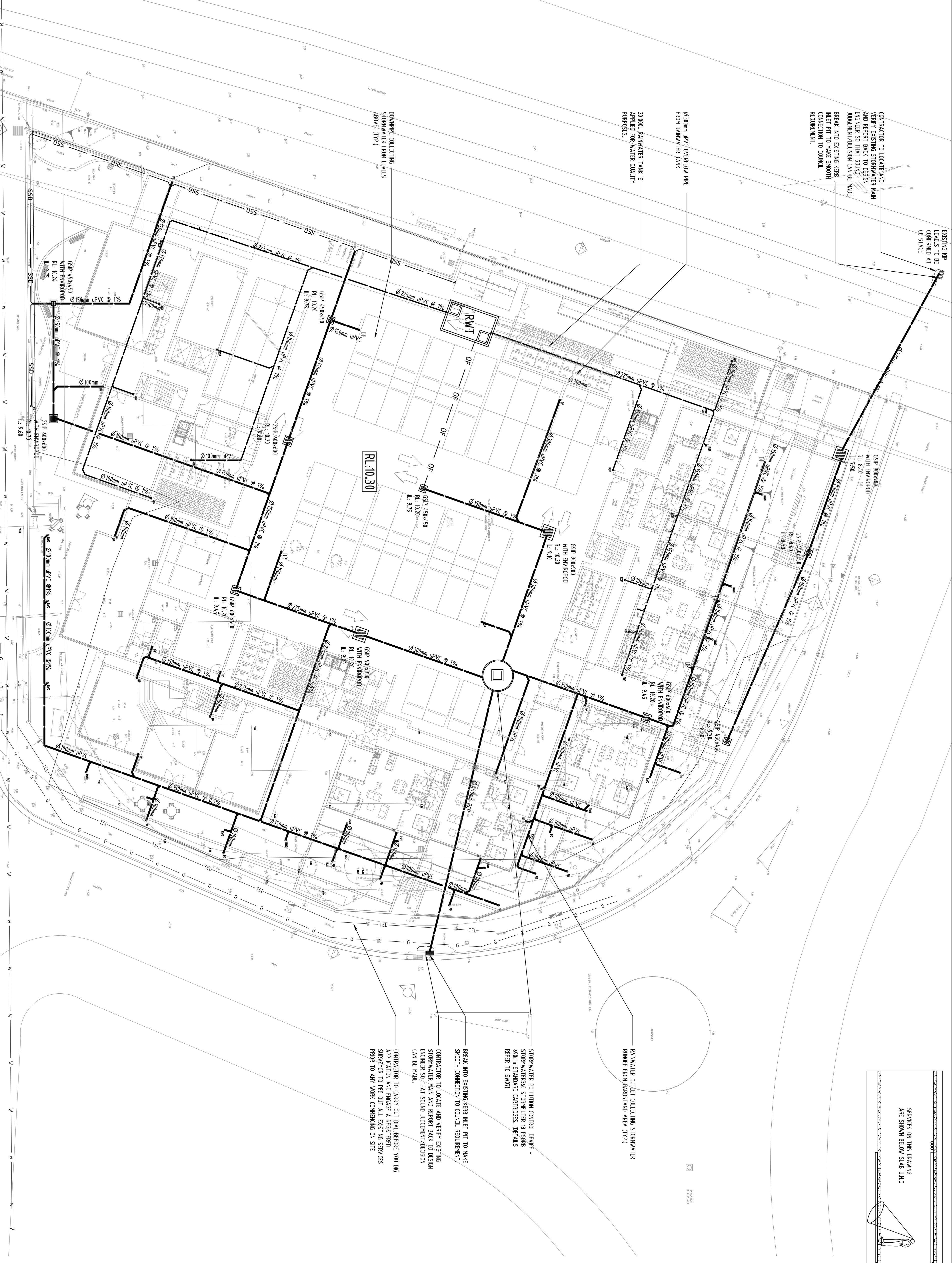
20 ROLL RAINWATER TANK IS
APPLIED FOR WATER QUALITY
PURPOSES.

RAINWATER OUTLET COLLECTING STORMWATER
RUNOFF FROM HARVESTED AREA (TP2)

STORMWATER POLLUTION CONTROL DEVICE -
STORMWATER360 STORAGE/18 P5086
600mm STANDARD CARRIAGES. (DETAILS
REFER TO SW07)

BREAK INTO EXISTING KERB INLET PIT TO MAKE
SMOOTH CONNECTION TO COUNCIL REQUIREMENT.
CONTRACTOR TO LOCATE AND VERIFY EXISTING
STORMWATER MAIN AND REPORT BACK TO DESIGN
ENGINEER SO THAT SOUND JUDGEMENT/DECISION
CAN BE MADE.
CONTRACTOR TO CARRY OUT DIA. BEFORE YOU DIG
SURVEYOR TO PEG OUT ALL EXISTING SERVICES
PRIOR TO ANY WORK COMMENCING ON SITE

DOWNPIPE COLLECTING
STORMWATER FROM LEVELS
ABOVE (TP2)



Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev
ARCH	AP 04	03/08/15	
STRUCT			
MECH			
ELEC			
HYD			
LANDS			
CIVIL			



ENGINEERS
AUSTRALIAN
REGISTERED ENGINEERS

DIRECTIONS NOT SHOWN TO BE CHECKED @
SITE AND BY SCALE OF THE DRAWING.
DESIGNING SERVICES ARE TO BE CHECKED
AND APPROVED BY THE CONSULTANT
ENGINEER FOR REVISION/CLARIFICATION.
DRAWING IS TO BE USED IN CONNECTION
WITH THE SPECIFICATIONS AND OTHER
DOCUMENTS DRAWINGS.

QUALITY CONTROL

DATE
DATE
DATE
DATE
DATE

ISSUE THE DESIGN DRAWINGS, SPECIFICATIONS AND
PROPERTY OF SGC CONSULTANTS PTY LTD AND MUST
THE OPERATOR HEREIN REMAIN THE SOLE INTELLECTUAL
PROPERTY OF SGC CONSULTANTS PTY LTD
WHICH, OR IN PART IN ANY FORM WITHOUT THE
WRITTEN CONSENT OF SGC CONSULTANTS PTY LTD



SCALE 1:200 ON ORIGINAL SIZE

CLIENT
SYNERGY
DEVELOPMENT GROUP



MOSCO PDSERVICES architects
P: 02 9601 3344 F: 02 9601 6306
PO BOX 3353 LIVERPOOL WESTMEATH NSW 2170

CONSULTING ENGINEER

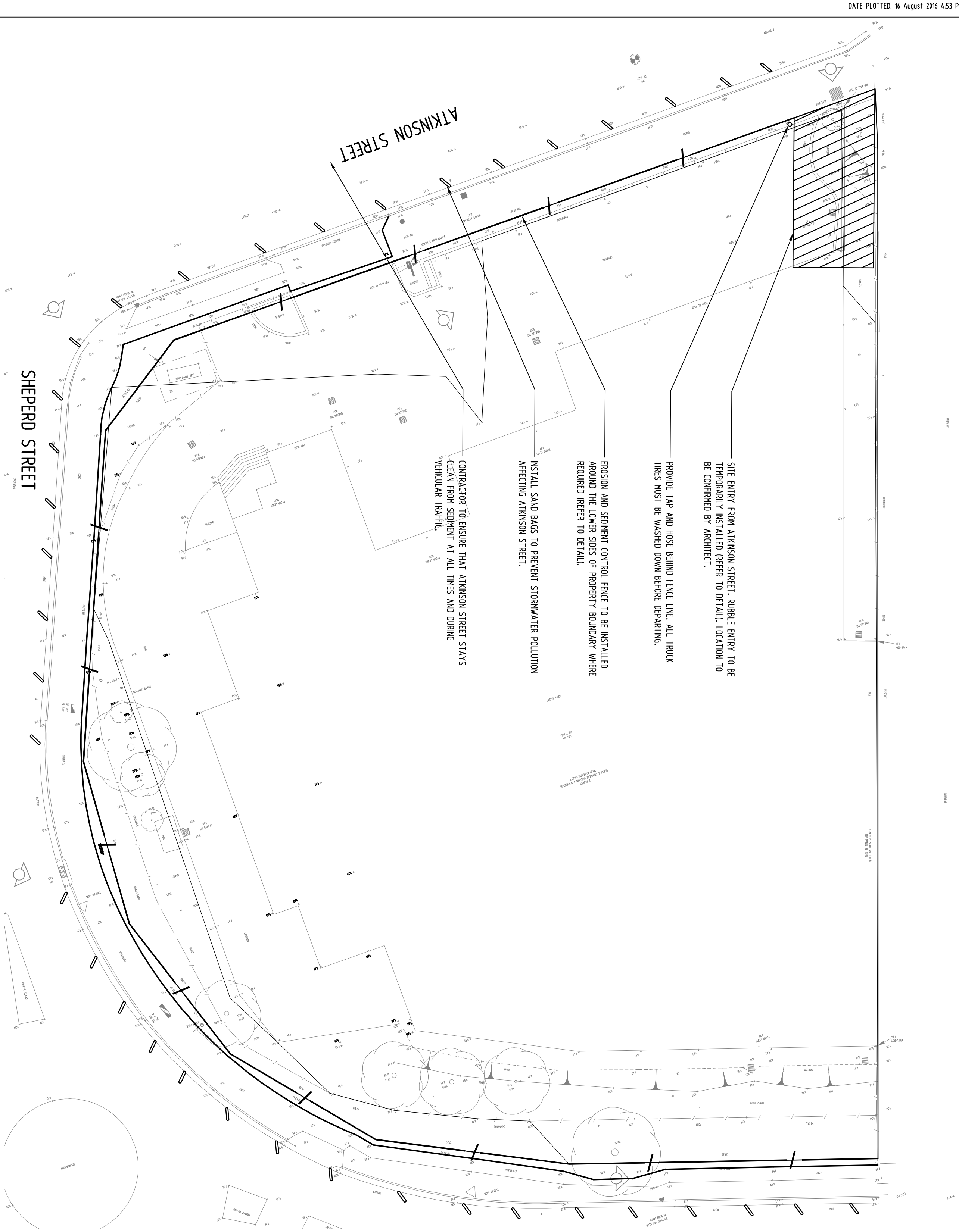
S&G CONSULTANTS PTY LIMITED
14-16 TEMINGTON DRIVE
BELLA VISTA NSW 2153
P: +61 2 8883 4255
F: +61 2 8883 4277
Email: office@sgc.com.au
Web: www.sgc.com.au

PROJECT
PROPOSED MULTI-UNIT
FLAT BUILDING

21 ATKINSON STREET, LIVERPOOL
Site: 4/2, Level 1,
14-16 TEMINGTON DRIVE
BELLA VISTA NSW 2153
P: +61 2 8883 4255
F: +61 2 8883 4277
Email: office@sgc.com.au
Web: www.sgc.com.au

Drawing Status
FOR APPROVAL

NOT TO BE USED FOR CONSTRUCTION PURPOSES
STORMWATER CONCEPT DESIGN
GROUND FLOOR PLAN
Project No 20150209
Drawing No SW02
Revision No B



EROSION & SEDIMENTATION CONTROL NOTES

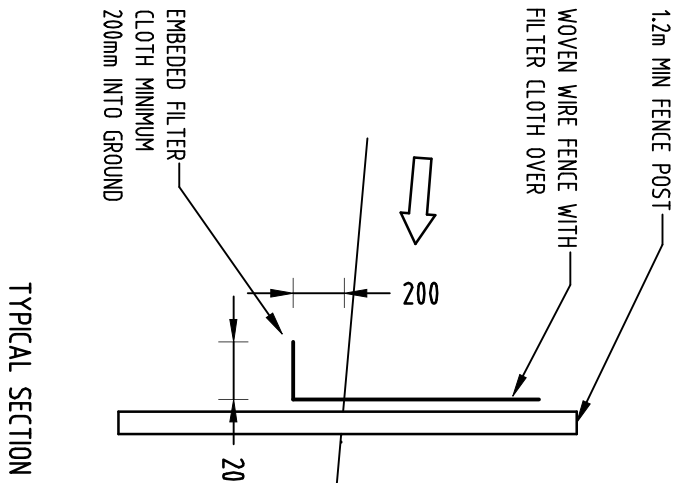
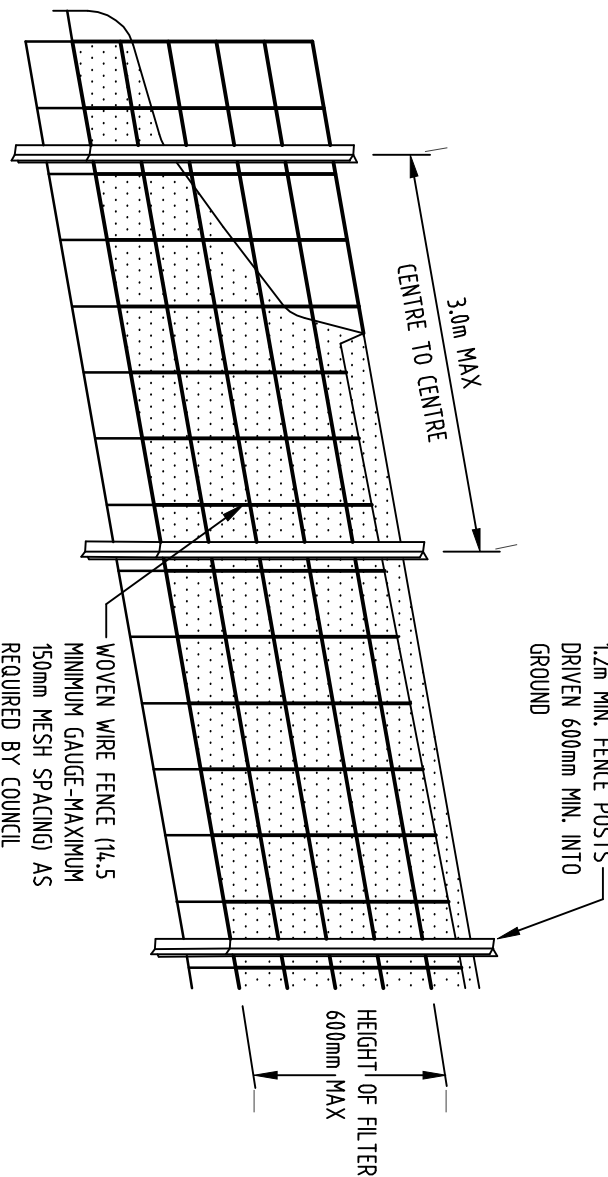
- CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. THE SEDIMENT FENCING MATERIAL TO CYCLOPE WIRE SECURITY FENCE. SEDIMENT CONTROL FENCING SHALL BE AN APPROVED MATERIAL (E.G. HURDIS PROPEX SUE STOP) STANDING 300mm ABOVE GROUND & EXTENDING 15mm BELOW GROUND.
- EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
- NO PARKING OR STORAGE OF MATERIALS IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
- GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
- CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING & LEAVING THE SITE DO SO IN A FORWARD DIRECTION.

GENERAL NOTES

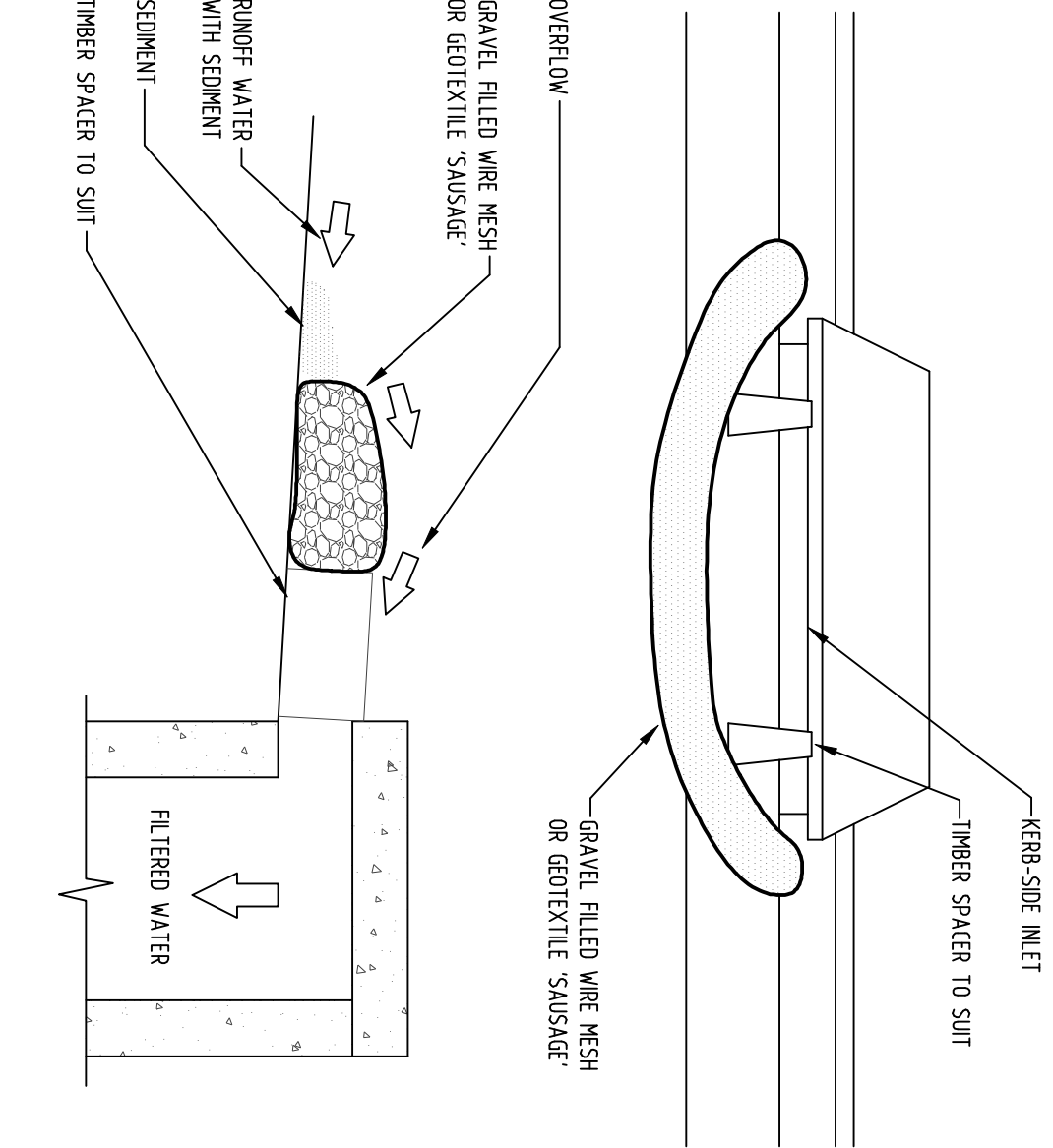
- THIS PLAN IS A CONCEPT PLAN ONLY FOR STORMWATER DISPOSAL & EROSION CONTROL. IT IS NOT SUITABLE FOR CONSTRUCTION. THIS PLAN SHOULD BE ADAPTED BY THE BUILDER DURING DEMOLITION, EXCAVATION & CONSTRUCTION PHASES TO ENSURE ADEQUATE PERFORMANCE.
- ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY ALTER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

CLAY SOILS

- A SYSTEM SHALL BE INSTALLED TO EITHER:
- TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
 - TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER SYSTEMS IS NOT GREATER THAN 100mg/L OF SOLIDS PER LITRE IN ACCORDANCE WITH THE PROTECTION OF THE ENVIRONMENT OPERATIONS ACT (PEEO 1997) AND SHALL BE APPROVED BY LOCAL COUNCIL.



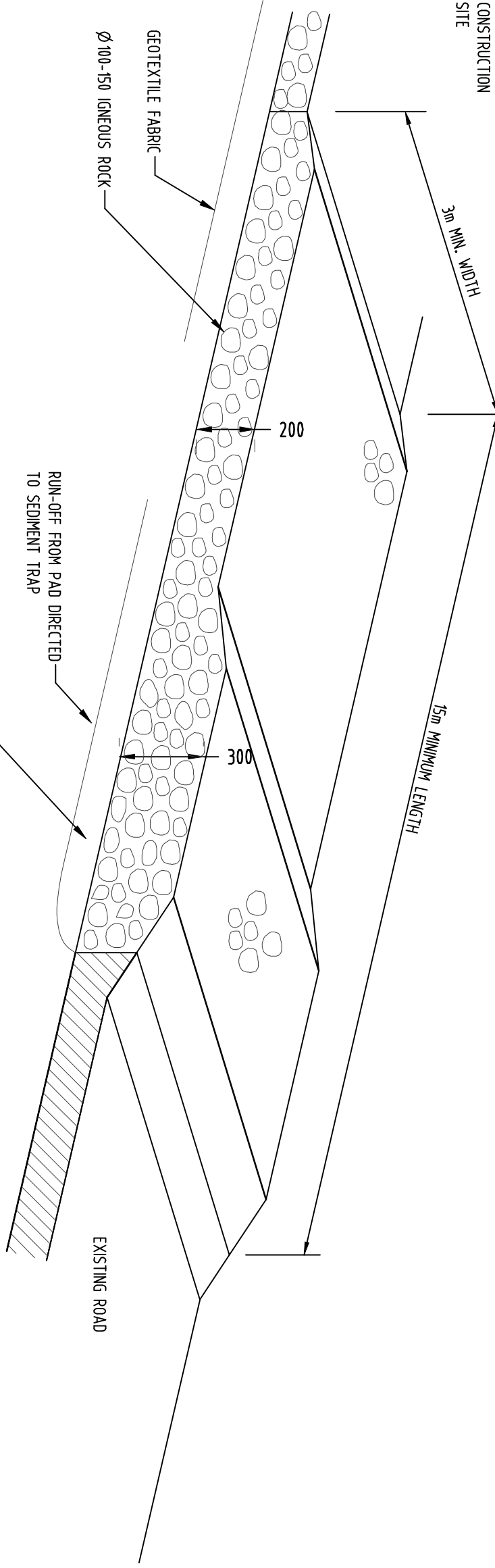
4 DETAIL SEDIMENT FENCE NOT TO SCALE



CONSTRUCTION NOTES

- FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT
- FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL
- FORM AN ELIPTICAL CROSS-SECTION OF THE KERB INLET LEAVING A 100mm GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY
- MAINTAIN THE OPENING WITH SPACER BLOCKS
- FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER
- FIT TO ALL KERB INLETS AT SAC POINTS

3 DETAIL GRAVEL INLET FILTER (SAUSAGE) NOT TO SCALE

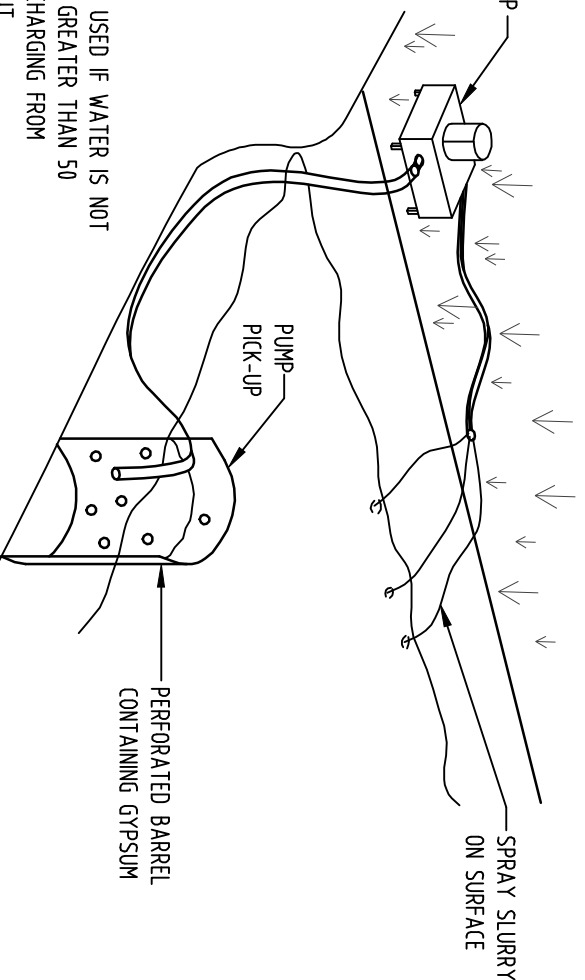


RUBBLE ALTERNATIVE

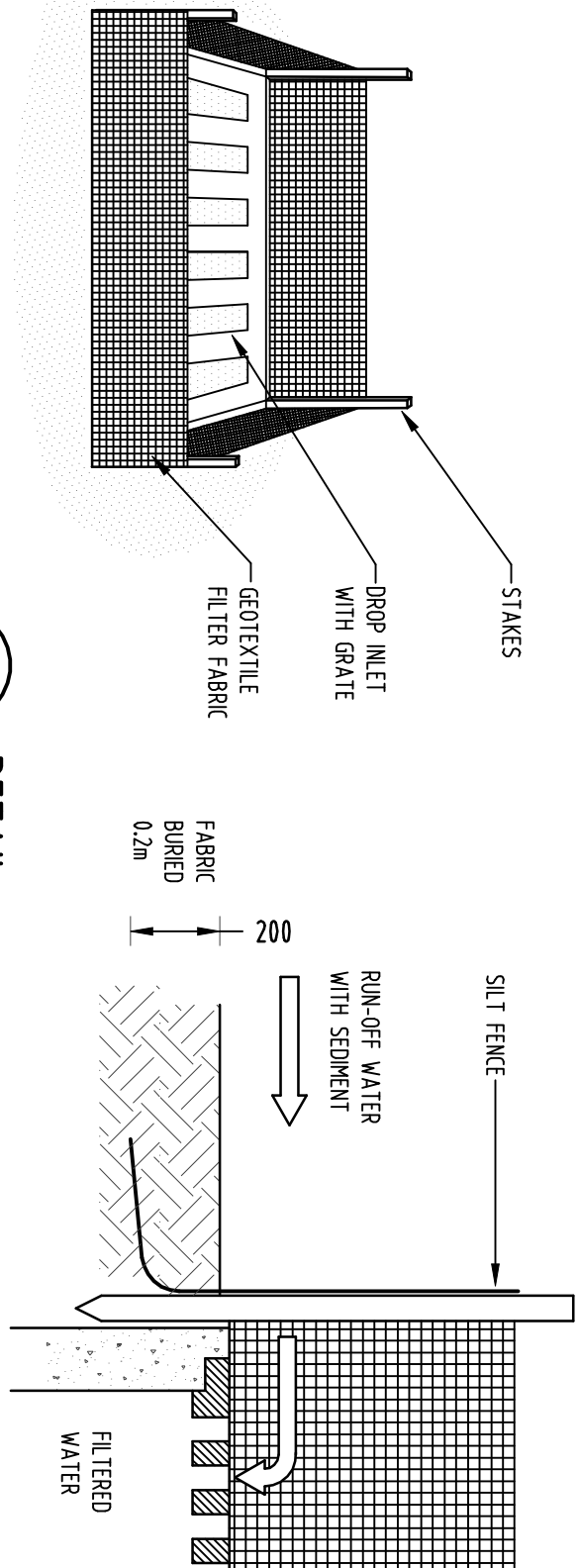
5 DETAIL TEMPORARY CONSTRUCTION EXIT NOT TO SCALE

2 DETAIL FLOCCULATION DETAIL NOT TO SCALE

- NOTE:
- FLOCCULATION TO BE USED IF WATER IS NOT CLEAR (i.e. SEDIMENT GREATER THAN 50 mg/L) PRIOR TO DISCHARGING FROM TEMPORARY PUMP OUT
 - FOR RATES & AGENTS SEE APPENDIX E OF NEW SOUTH WALES DEPARTMENT OF HOUSING "MANAGING URBAN STORMWATER SOILS & CONSTRUCTION".



1 DETAIL SUMP SEDIMENT TRAP NOT TO SCALE



20150209										20150209									
										</									

5-1	2-1	3-1	4-1	5-1	6-1	7-1	8-1	9-1	10-1	11-1	12-1	13-1	14-1	15-1	16-1	17-1	18-1	19-1	20-1	21-1	22-1	23-1	24-1	25-1	26-1	27-1	28-1	29-1	30-1	31-1	32-1	33-1	34-1	35-1	36-1	37-1	38-1	39-1	40-1	41-1	42-1	43-1	44-1	45-1	46-1	47-1	48-1	49-1	50-1	51-1	52-1	53-1	54-1	55-1	56-1	57-1	58-1	59-1	60-1	61-1	62-1	63-1	64-1	65-1	66-1	67-1	68-1	69-1	70-1	71-1	72-1	73-1	74-1	75-1	76-1	77-1	78-1	79-1	80-1	81-1	82-1	83-1	84-1	85-1	86-1	87-1	88-1	89-1	90-1	91-1	92-1	93-1	94-1	95-1	96-1	97-1	98-1	99-1	100-1	101-1	102-1	103-1	104-1	105-1	106-1	107-1	108-1	109-1	110-1	111-1	112-1	113-1	114-1	115-1	116-1	117-1	118-1	119-1	120-1	121-1	122-1	123-1	124-1	125-1	126-1	127-1	128-1	129-1	130-1	131-1	132-1	133-1	134-1	135-1	136-1	137-1	138-1	139-1	140-1	141-1	142-1	143-1	144-1	145-1	146-1	147-1	148-1	149-1	150-1	151-1	152-1	153-1	154-1	155-1	156-1	157-1	158-1	159-1	160-1	161-1	162-1	163-1	164-1	165-1	166-1	167-1	168-1	169-1	170-1	171-1	172-1	173-1	174-1	175-1	176-1	177-1	178-1	179-1	180-1	181-1	182-1	183-1	184-1	185-1	186-1	187-1	188-1	189-1	190-1	191-1	192-1	193-1	194-1	195-1	196-1	197-1	198-1	199-1	200-1	201-1	202-1	203-1	204-1	205-1	206-1	207-1	208-1	209-1	210-1	211-1	212-1	213-1	214-1	215-1	216-1	217-1	218-1	219-1	220-1	221-1	222-1	223-1	224-1	225-1	226-1	227-1	228-1	229-1	230-1	231-1	232-1	233-1	234-1	235-1	236-1	237-1	238-1	239-1	240-1	241-1	242-1	243-1	244-1	245-1	246-1	247-1	248-1	249-1	250-1	251-1	252-1	253-1	254-1	255-1	256-1	257-1	258-1	259-1	260-1	261-1	262-1	263-1	264-1	265-1	266-1	267-1	268-1	269-1	270-1	271-1	272-1	273-1	274-1	275-1	276-1	277-1	278-1	279-1	280-1	281-1	282-1	283-1	284-1	285-1	286-1	287-1	288-1	289-1	290-1	291-1	292-1	293-1	294-1	295-1	296-1	297-1	298-1	299-1	300-1	301-1	302-1	303-1	304-1	305-1	306-1	307-1	308-1	309-1	310-1	311-1	312-1	313-1	314-1	315-1	316-1	317-1	318-1	319-1	320-1	321-1	322-1	323-1	324-1	325-1	326-1	327-1	328-1	329-1	330-1	331-1	332-1	333-1	334-1	335-1	336-1	337-1	338-1	339-1	340-1	341-1	342-1	343-1	344-1	345-1	346-1	347-1	348-1	349-1	350-1	351-1	352-1	353-1	354-1	355-1	356-1	357-1	358-1	359-1	360-1	361-1	362-1	363-1	364-1	365-1	366-1	367-1	368-1	369-1	370-1	371-1	372-1	373-1	374-1	375-1	376-1	377-1	378-1	379-1	380-1	381-1	382-1	383-1	384-1	385-1	386-1	387-1	388-1	389-1	390-1	391-1	392-1	393-1	394-1	395-1	396-1	397-1	398-1	399-1	400-1	401-1	402-1	403-1	404-1	405-1	406-1	407-1	408-1	409-1	410-1	411-1	412-1	413-1	414-1	415-1	416-1	417-1	418-1	419-1	420-1	421-1	422-1	423-1	424-1	425-1	426-1	427-1	428-1	429-1	430-1	431-1	432-1	433-1	434-1	435-1	436-1	437-1	438-1	439-1	440-1	441-1	442-1	443-1	444-1	445-1	446-1	447-1	448-1	449-1	450-1	451-1	452-1	453-1	454-1	455-1	456-1	457-1	458-1	459-1	460-1	461-1	462-1	463-1	464-1	465-1	466-1	467-1	468-1	469-1	470-1	471-1	472-1	473-1	474-1	475-1	476-1	477-1	478-1	479-1	480-1	481-1	482-1	483-1	484-1	485-1	486-1	487-1	488-1	489-1	490-1	491-1	492-1	493-1	494-1	495-1	496-1	497-1	498-1	499-1	500-1	501-1	502-1	503-1	504-1	505-1	506-1	507-1	508-1	509-1	510-1	511-1	512-1	513-1	514-1	515-1	516-1	517-1	518-1	519-1	520-1	521-1	522-1	523-1	524-1	525-1	526-1	527-1	528-1	529-1	530-1	531-1	532-1	533-1	534-1	535-1	536-1	537-1	538-1	539-1	540-1	541-1	542-1	543-1	544-1	545-1	546-1	547-1	548-1	549-1	550-1	551-1	552-1	553-1	554-1	555-1	556-1	557-1	558-1	559-1	560-1	561-1	562-1	563-1	564-1	565-1	566-1	567-1	568-1	569-1	570-1	571-1	572-1	573-1	574-1	575-1	576-1	577-1	578-1	579-1	580-1	581-1	582-1	583-1	584-1	585-1	586-1	587-1	588-1	589-1	590-1	591-1	592-1	593-1	594-1	595-1	596-1	597-1	598-1	599-1	600-1	601-1	602-1	603-1	604-1	605-1	606-1	607-1	608-1	609-1	610-1	611-1	612-1	613-1	614-1	615-1	616-1	617-1	618-1	619-1	620-1	621-1	622-1	623-1	624-1	625-1	626-1	627-1	628-1	629-1	630-1	631-1	632-1	633-1	634-1	635-1	636-1	637-1	638-1	639-1	640-1	641-1	642-1	643-1	644-1	645-1	646-1	647-1	648-1	649-1	650-1	651-1	652-1	653-1	654-1	655-1	656-1	657-1	658-1	659-1	660-1	661-1	662-1	663-1	664-1	665-1	666-1	667-1	668-1	669-1	670-1	671-1	672-1	673-1	674-1	675-1	676-1	677-1	678-1	679-1	680-1	681-1	682-1	683-1	684-1	685-1	686-1	687-1	688-1	689-1	690-1	691-1	692-1	693-1	694-1	695-1	696-1	697-1	698-1	699-1	700-1	701-1	702-1	703-1	704-1	705-1	706-1	707-1	708-1	709-1	710-1	711-1	712-1	713-1	714-1	715-1	716-1	717-1	718-1	719-1	720-1	721-1	722-1	723-1	724-1	725-1	726-1	727-1	728-1	729-1	730-1	731-1	732-1	733-1	734-1	735-1	736-1	737-1	738-1	739-1	740-1	741-1	742-1	743-1	744-1	745-1	746-1	747-1	748-1	749-1	750-1	751-1	752-1	753-1	754-1	755-1	756-1	757-1	758-1	759-1	760-1	761-1	762-1	763-1	764-1	765-1	766-1	767-1	768-1	769-1	770-1	771-1	772-1	773-1	774-1	775-1	776-1	777-1	778-1	779-1	780-1	781-1	782-1	783-1	784-1	785-1	786-1	787-1	788-1	789-1	790-1	791-1	792-1	793-1	794-1	795-1	796-1	797-1	798-1	799-1	800-1	801-1	802-1	803-1	804-1	805-1	806-1	807-1	808-1	809-1	810-1	811-1	812-1	813-1	814-1	815-1	816-1	817-1	818-1	819-1	820-1	821-1	822-1	823-1	824-1	825-1	826-1	827-1	828-1	829-1	830-1	831-1	832-1	833-1	834-1	835-1	836-1	837-1	838-1	839-1	840-1	841-1	842-1	843-1	844-1	845-1	846-1	847-1	848-1	849-1	850-1	851-1	852-1	853-1	854-1	855-1	856-1	857-1	858-1	859-1	860-1	861-1	862-1	863-1	864-1	865-1	866-1	867-1	868-1	869-1	870-1	871-1	872-1	873-1	874-1	875-1	876-1	877-1	878-1	879-1	880-1	881-1	882-1	883-1	884-1	885-1	886-1	887-1	888-1	889-1	890-1	891-1	892-1	893-1	894-1	895-1	896-1	897-1	898-1	899-1	900-1	901-1	902-1	903-1	904-1	905-1	906-1	907-1	908-1	909-1	910-1	911-1	912-1	913-1	914-1	915-1	916-1	917-1	918-1	919-1	920-1	921-1	922-1	923-1	924-1	925-1	926-1	927-1	928-1	929-1	930-1	931-1	932-1	933-1	934-1	935-1	936-1	937-1	938-1	939-1	940-1	941-1	942-1	943-1	944-1	945-1	946-1	947-1	948-1	949-1	950-1	951-1	952-1	953-1	954-1	955-1	956-1	957-1	958-1	959-1	960-1	961-1	962-1	963-1	964-1	965-1	966-1	967-1	968-1	969-1	970-1	971-1	972-1	973-1	974-1	975-1	976-1	977-1	978-1	979-1	980-1	981-1	982-1	983-1	984-1	985-1	986-1	987-1	988-1	989-1	990-1	991-1	992-1	993-1	994-1	995-1	996-1	997-1	998-1	999-1	1000-1	1001-1	1002-1	1003-1	1004-1	1005-1	1006-1	1007-1	1008-1	1009-1	1010-1	1011-1	1012-1	1013-1	1014-1	1015-1	1016-1	1017-1	1018-1	1019-1	1020-1	1021-1	1022-1	1023-1	1024-1	1025-1	1026-1	1027-1	1028-1	1029-1	1030-1	1031-1	1032-1	1033-1	1034-1	1035-1	1036-1	1037-1	1038-1	1039-1	1040-1	1041-1	1042-1	1043-1	1044-1	1045-1	1046-1	1047-1	1048-1	1049-1	1050-1	1051-1	1052-1	1053-1	1054-1	1055-1	1056-1	1057-1	1058-1	1059-1	1060-1	1061-1	1062-1	1063-1	1064-1	1065-1	1066-1	1067-1	1068-1	1069-1	1070-1	1071-1	1072-1	1073-1	1074-1	1075-1	1076-1	1077-1	1078-1	1079-1	1080-1	1081-1	1082-1	1083-1	1084-1	1085-1	1086-1	1087-1	1088-1	1089-1	1090-1	1091-1	1092-1	1093-1	1094-1	1095-1	1096-1	1097-1	1098-1	1099-1	1100-1	1101-1	1102-1	1103-1	1104-1	1105-1	1106-1	1107-1	1108-1	1109-1	1110-1	1111-1	1112-1	1113-1	1114-1	1115-1	1116-1	1117-1	1118-1	1119-1	1120-1	1121-1	1122-1	1123-1	1124-1	1125-1	1126-1	1127-1	1128-1	1129-1	1130-1	1131-1	1132-1	1133-1	1134-1	1135-1	1136-1	1137-1	1138-1	1139-1	1140-1	1141-1	1142-1	1143-1	1144-1	1145-1	1146-1	1147-1	1148-1	1149-1	1150-1	1151-1	1152-1	1153-1	1154-1	1155-1	1156-1	1157-1	1158-1	1159-1	1160-1	1161-1	1162-1	1163-1	1164-1	1165-1	1166-1	1167-1	1168-1	1169-1	1170-1	1171-1	1172-1	1173-1	1174-1	1175-1	1176-1	1177-1	1178-1	1179-1	1180-1	1181-1	1182-1	1183-1	1184-1	1185-1	1186-1	1187-1	1188-1	1189-1	1190-1	1191-1	1192-1	1193-1	1194-1	1195-1	1196-1	1197-1	1198-1	1199-1	1200-1	1201-1	1202-1	1203-1	1204-1	1205-1	1206-1	1207-1	1208-1	1209-1
-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

