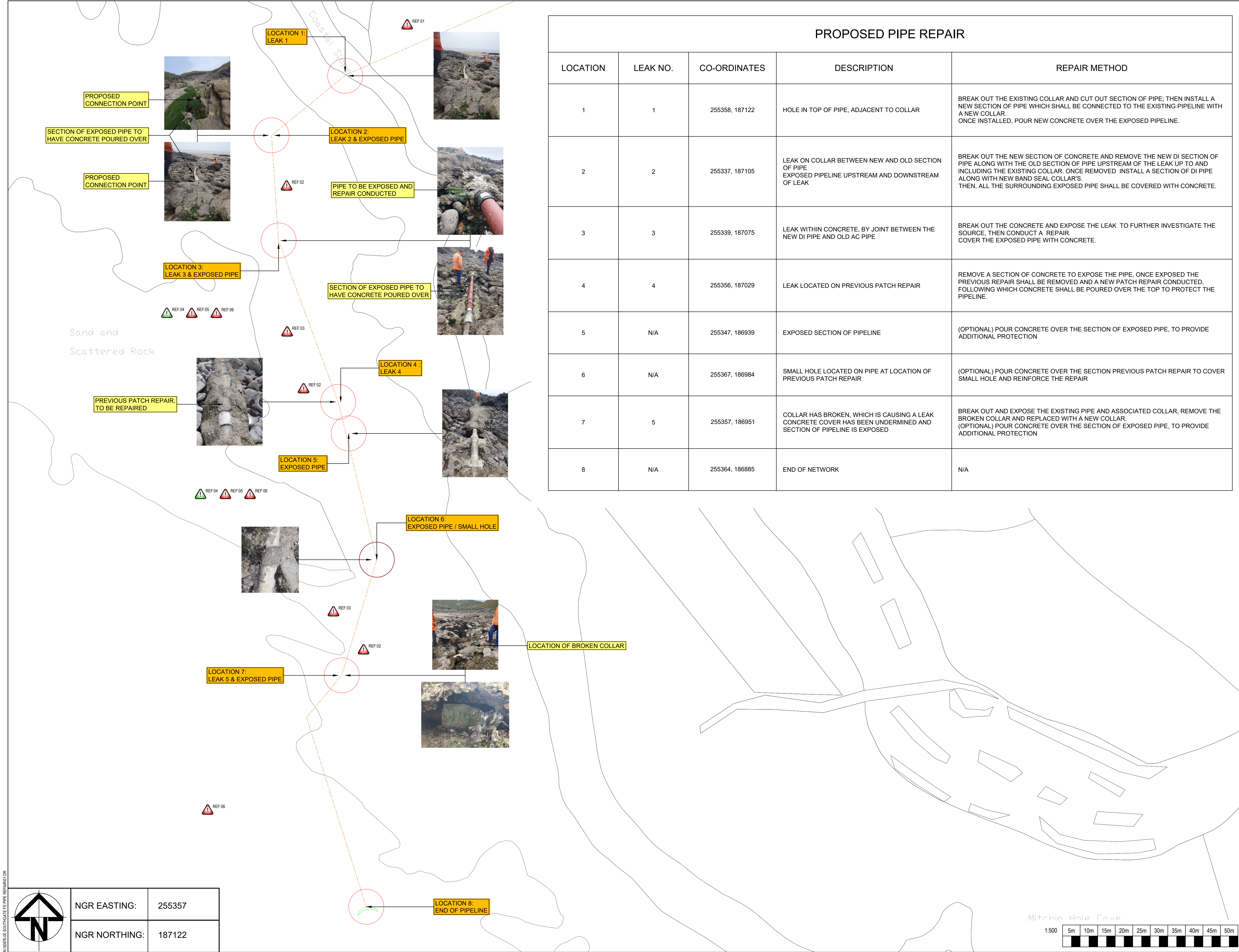




PROPOSED PIPE REPAIR				
LOCATION	LEAK NO.	CO-ORDINATES	DESCRIPTION	REPAIR METHOD
1	1	255358, 187122	HOLE IN TOP OF PIPE, ADJACENT TO COLLAR	BREAK OUT THE EXISTING COLLAR AND CUT OUT SECTION OF PIPE; THEN INSTALL A NEW SECTION OF PIPE WHICH SHALL BE CONNECTED TO THE EXISTING PIPELINE WITH A NEW COLLAR.
2	2	255337, 187105	LEAK ON COLLAR BETWEEN NEW AND OLD SECTION OF PIPE EXPOSED PIPELINE UPSTREAM AND DOWNSTREAM OF LEAK	BREAK OUT THE NEW SECTION OF CONCRETE AND REMOVE THE NEW DI SECTION OF PIPE ALONG WITH THE OLD SECTION OF PIPE UPSTREAM OF THE LEAK UP TO AND INCLUDING THE EXISTING COLLAR. ONCE REMOVED, INSTALL A SECTION OF DI PIPE ALONG WITH NEW BAND SEAL COLLAR'S. THEN, ALL THE SURROUNDING EXPOSED PIPE SHALL BE COVERED WITH CONCRETE.
3	3	255339, 187075	LEAK WITHIN CONCRETE, BY JOINT BETWEEN THE NEW DI PIPE AND OLD AC PIPE	BREAK OUT THE CONCRETE AND EXPOSE THE LEAK. TO FURTHER INVESTIGATE THE SOURCE, THEN CONDUCT A REPAIR. COVER THE EXPOSED PIPE WITH CONCRETE.
4	4	255356, 187029	LEAK LOCATED ON PREVIOUS PATCH REPAIR	REMOVE A SECTION OF CONCRETE TO EXPOSE THE PIPE, ONCE EXPOSED THE PREVIOUS REPAIR SHALL BE REMOVED AND A NEW PATCH REPAIR CONDUCTED, FOLLOWING WHICH CONCRETE SHALL BE POURED OVER THE TOP TO PROTECT THE PIPELINE.
5	N/A	255347, 186939	EXPOSED SECTION OF PIPELINE	(OPTIONAL) POUR CONCRETE OVER THE SECTION OF EXPOSED PIPE, TO PROVIDE ADDITIONAL PROTECTION
6	N/A	255367, 186984	SMALL HOLE LOCATED ON PIPE AT LOCATION OF PREVIOUS PATCH REPAIR	(OPTIONAL) POUR CONCRETE OVER THE SECTION PREVIOUS PATCH REPAIR TO COVER SMALL HOLE AND REINFORCE THE REPAIR
7	5	255357, 186951	COLLAR HAS BROKEN, WHICH IS CAUSING A LEAK. CONCRETE COVER HAS BEEN UNDERMINED AND SECTION OF PIPELINE IS EXPOSED	BREAK OUT AND EXPOSE THE EXISTING PIPE AND ASSOCIATED COLLAR, REMOVE THE BROKEN COLLAR AND REPLACE WITH A NEW COLLAR. (OPTIONAL) POUR CONCRETE OVER THE SECTION OF EXPOSED PIPE, TO PROVIDE ADDITIONAL PROTECTION
8	N/A	255364, 186885	END OF NETWORK	N/A

- DRAWING NOTES:**
- RISKS SHOWN MATCH THE REFERENCES INCLUDED ON THE DESIGNERS RISK ASSESSMENT
 - DCWW GIS HAS BEEN AMEND TO MATCH THE ON-SITE FINDINGS.
 - THE LOCATIONS MENTIONED IN THE PLAN WERE OBTAINED DURING A SITE VISIT CARRIED OUT BY BURROUGHS, DCWW, AND YOUNG'S BROTHERS.
 - THE CONTRACTOR SHALL MEASURE THE EXISTING PIPEWORK TO CONFIRM THE REQUIRED SIZE AND LENGTHS, PRIOR TO ORDERING PARTS.
 - THE CONTRACTOR SHALL ARRANGE APPROPRIATE MATERIAL DELIVERIES.
 - WORKING HOURS TO BE COMPRISED BY LOW TIDE HOURS. CONTRACTOR TO START WHEN TIDE IS LOWERING AND TO PLAN THE WORK DURATION ACCORDING WITH TIDAL TIMES.
 - CONTRACTOR TO OBTAIN UTILITY SEARCH IF NEEDED AND LIAISE WITH UTILITY COMPANIES IF REQUIRED.
 - IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT PERSON WORKING TO APPROVED SAFE SYSTEM OF WORK.
 - ALL ENGINEERING WORK TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION, 7TH EDITION.
 - LEVELS AND DISTANCES ARE TO BE VERIFIED ON SITE BY CONTRACTOR. ANY SIGNIFICANT DEVIATION FROM THAT SHOWN SHOULD BE REFERRED BACK TO THE ENGINEER FOR COMMENT.

- LEGEND:**
- EXISTING DCWW FOUL NETWORK
 - SITE VISIT SURVEY LOCATIONS

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

TO BE READ IN CONJUNCTION WITH DESIGNERS SUMMARY OF SIGNIFICANT HAZARDS AND RISKS AND HEALTH & SAFETY HAZARDS IDENTIFICATION CHECK LIST.

THE DESIGN TEAM HAVE HIGHLIGHTED ONLY WHAT MAY NOT BE OBVIOUS TO A COMPETENT CONTRACTOR. THEY ASSIST WITH RISK REDUCTION ONLY AND ARE NOT NECESSARILY COMPREHENSIVE. EVERYDAY OR LOW RISK HAZARDS HAVE NOT BEEN IDENTIFIED.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING TO AN APPROVED METHOD STATEMENT. SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED, THE CONTRACTOR SHALL NOTIFY THE RELEVANT SCHEME TEAM MEMBERS.

IN ADDITION TO THE RISKS ASSOCIATED WITH THE TYPES OF WORKS DETAILED ON THE DRAWING, NOTE THE FOLLOWING SIGNIFICANT RISKS AND INFORMATION.

- HEALTH AND SAFETY RISK
- CONSTRUCTION/BUILDABILITY RISK,
- ENVIRONMENTAL RISK

1:1 FOR CONSTRUCTION	04/06/24	SA	KC
REV.	DESCRIPTION	DATE	DRW.



Project Name: DCWW REACTIVE SOUTHGATE PIPE REPAIR

Drawing Title: GENERAL ARRANGMENT

Status: A1 Status Description: FOR CONSTRUCTION

Checked: K.CRITCHLEY Approved: K.CRITCHLEY Date: 04/06/24
Scale: 1:500 @ A1 Designer: SASHLEY Rev.: C1.0

Drawing Number: Q50876-121316-13-BG-DR-CA-C11001

	NGR EASTING:	255357
	NGR NORTHING:	187122