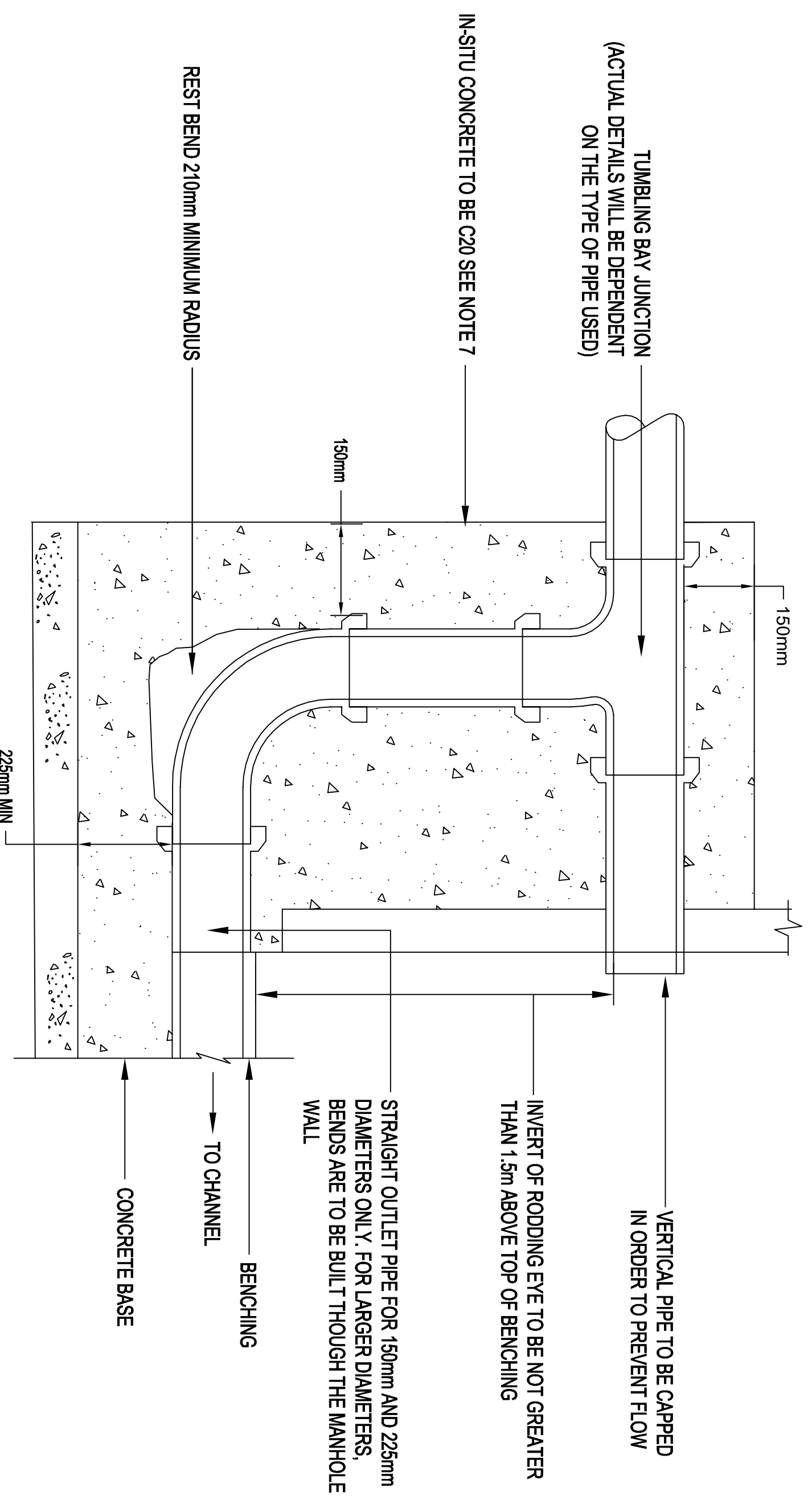


EXTERNAL RAMPED BACKDROP DETAIL

SCALENTS



EXTERNAL VERTICAL BACKDROP DETAIL

SCALENTS

DO NOT SCALE

NOTES:

1. WHERE THE TUMBLING BAY IS MORE THAN 1.5m ABOVE BENCHING CONSIDERATION SHALL BE GIVEN TO PROVIDING ACCESS TO THE RODDING EYE
2. PIPE DIAMETER DROP/SHAFT DIAMETER

(MM)	(MM)
225-300	225
375	300
450	375
525-600	450
675	525
750-900	600
3. THE CONNECTION AT THE BOTTOM OF THE BACK DROP IS TO BE MADE AT THE OUTGOING PIPE INVERT LEVEL
4. THE TUMBLING BAY SHALL BE BUILT INTO THE MANHOLE CHAMBER BELOW THE REDUCING SLAB
5. THE VERTICAL RODDING EYE MAY BE REQUIRED IN SITUATIONS WHERE BLOCKAGES ARE A HIGH RISK (TYPE B)
6. THE TUMBLING BAY SHALL BE BUILT INTO THE MANHOLE CHAMBER BELOW THE REDUCING SLAB
7. ALL IN-SITU CONCRETE TO BE C20 DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGGRESSIVE GROUND. AGGRESSIVE CHEMICAL ENVIRONMENT FOR CONCRETE CLASS = AC1. DC CLASS = DC-1.
8. BEDDING AND HAUNCHING TO RODDING EYE COVER FRAME TO BE DESIGNATION (I) MORTAR IN ACCORDANCE WITH CLAUSE 2404.
9. WHERE A RODDING EYE IS LOCATED AT THE HEAD OF A CARRIER DRAIN, THE PIPES ARE TO BE OF THE SAME TYPE AS THE CARRIER DRAIN.
10. WHERE A RODDING EYE IS LOCATED AT THE HEAD OF A FILTER DRAIN, IMPERVIOUS PIPES ARE TO BE USED FROM THE RODDING EYE TO THE BEGINNING OF THE DRAIN RUN. CONNECTION IS TO BE MADE BY MEANS OF A SUITABLE ADAPTOR.

REV	DATE	BY	DESCRIPTION	CHK	APP
001	31/07/2023	MA	FOR CONSTRUCTION	BB	MM

DRAWING STATUS: S3 - FOR REVIEW

wsp

North Yorkshire
County Council

CLIENT: **North Yorkshire County Council**

DESIGNER: **wsp**

PROJECT: **A59 KEX GILL DIVERSION**

TITLE: **STANDARD DETAILS - MANHOLE BACKDROP**

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SCALE @ A1:	NTS	CHECKED:	MM	APPROVED:	BB
PRODUCT NO:	70049554	DESIGNED:	BB	DATE:	31/07/2023
DRAWING NO:	NYK\GDD-WSP-HDG-SG-DR-CD-0500_034	REV:	C01		