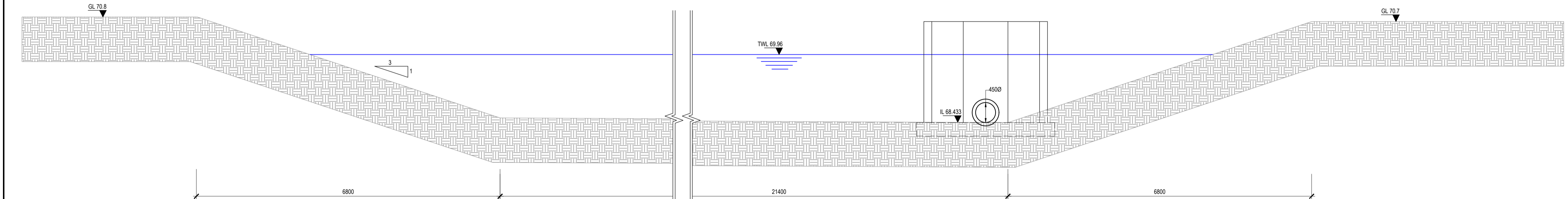
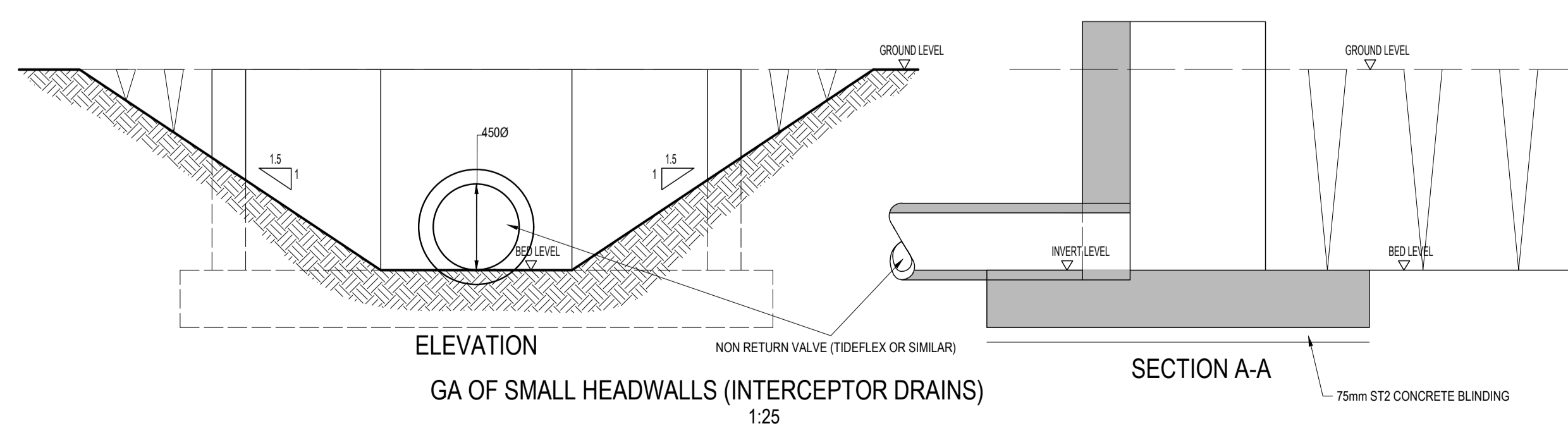


**CATCHMENT A:
LAYOUT PLAN**
SCALE: 1:250

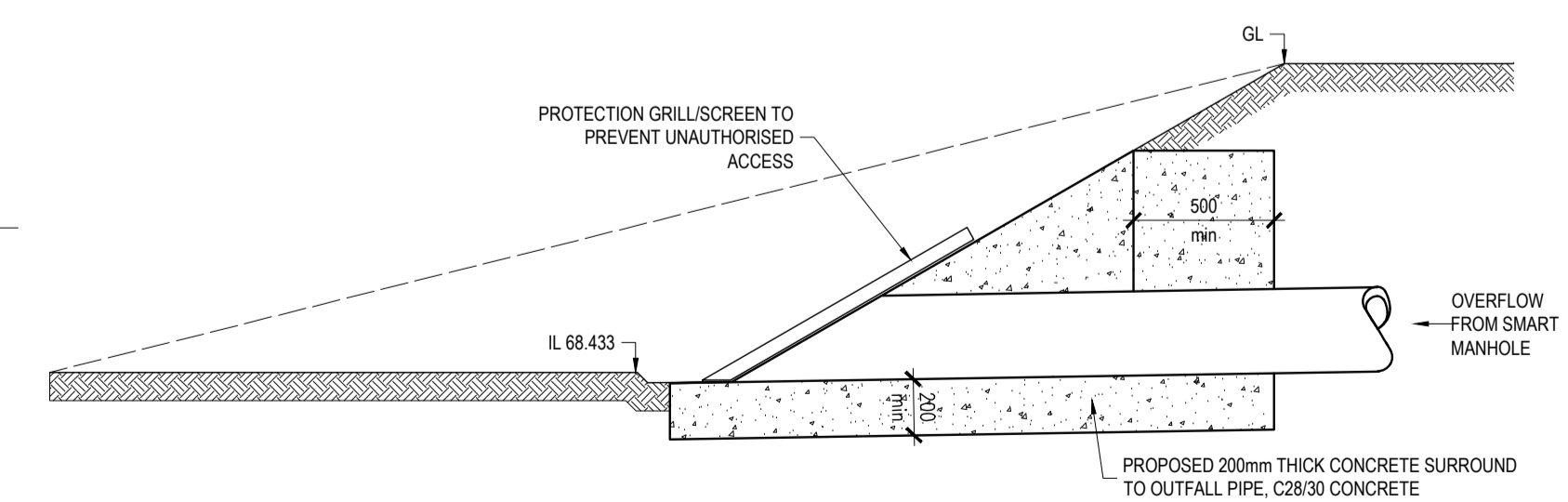


**CATCHMENT A:
SECTION P1-P1**
SCALE: 1:50



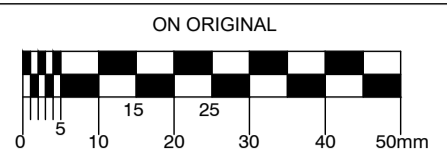
ELEVATION
GA OF SMALL HEADWALLS (INTERCEPTOR DRAINS)
SCALE: 1:25

SECTION A-A
75mm ST2 CONCRETE BLINDING



OUTFLOW/FLOW RETURN OUTLET DETAIL
SCALE: 1:25

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- NOTES:
- WHERE ROCKS OR OTHER HARD TRENCH BOTTOM IS ENCOUNTERED, THE FIGURE DENOTED BY '1' IS TO BE DOUBLED.
 - TYPE 1 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE.
 - TYPE 2 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm - 25mm SIEVE, ACCORDING TO PIPE SIZE, (SEE TABLE) AND BE RETAINED ON 5mm SIEVE.
 - CLAUSE 601 S.R.W. BACKFILL : UNIFORM READILY COMPACTED MATERIAL FREE FROM TREE ROOTS, VEGETABLE MATTER, BUILDING DEBRIS, AND FROZEN SOIL AND EXCLUDING CLAY LUMPS RETAINED ON A 75mm SIEVE AND STONES RETAINED ON A 37.5mm SIEVE.
 - RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE OR CLAY.
 - GULLY GRATINGS AND FRAMES SHALL COMPLY WITH THE REQUIREMENTS OF I.S.I.E.N/124 1994. GULLIES SHALL BE CLASS D400.
 - GULLY WALLS SHALL BE CONSTRUCTED IN CLASS 30N/mm² PRECAST OR IN-SITU CONCRETE OR ALTERNATIVELY IN SOLID CONCRETE BLOCKS DESIGNATED S10, STRENGTH 10N/mm².
 - ALL PIPES TO BE BEDDED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO IS EN1916 AND IS 6 2004.

B	14-09-21	FOR SHD APPLICATION	JVS	BK
A	16-07-21	REVISED LAYOUT	JVS	BK
REV.	DATE	DESCRIPTION	BY	CHKD.

PLANNING

DESIGNED	BK	PREPARED	JVS
DATE	AUG 2021	CHECKED	BK

DBFL Consulting Engineers email: info@dbfl.ie site: www.dbfl.ie

PROJECT
**LANDS AT CLONMINCH,
TULLAMORE, CO OFFALY**

DRG. TITLE
**CATCHMENT
ATTENUATION A**

CLIENT
**STEINFORT INVESTMENTS
FUND**

SCALE	AS SHOWN @A1	FILE REF.	180002-3015
DRG. NO.	180002-3015		B