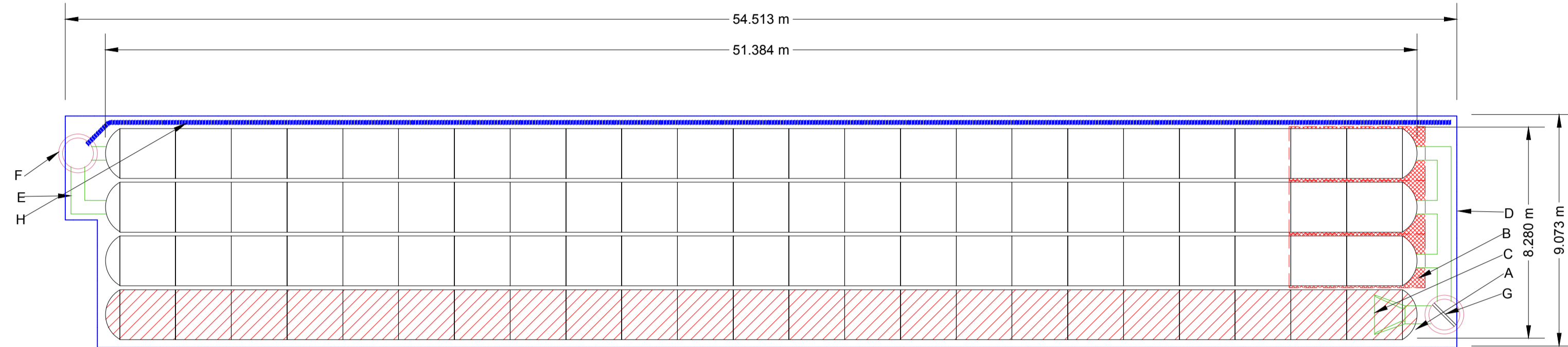
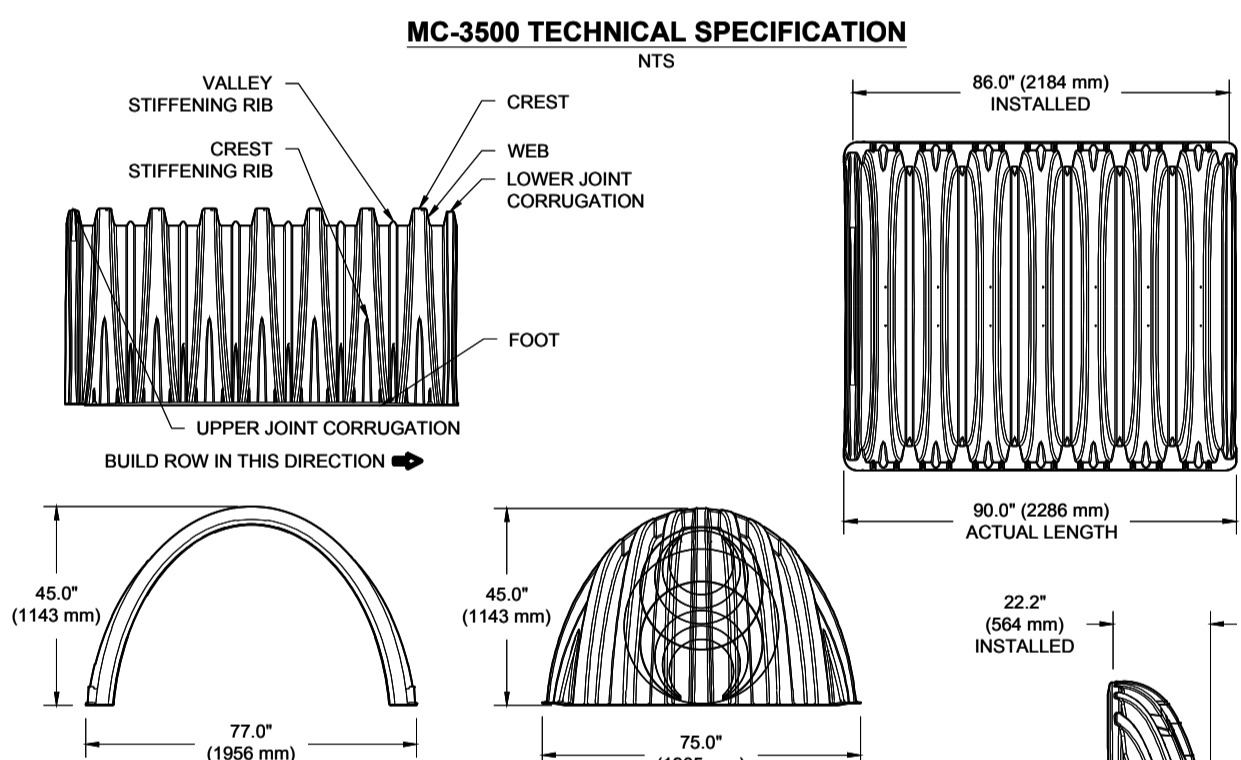
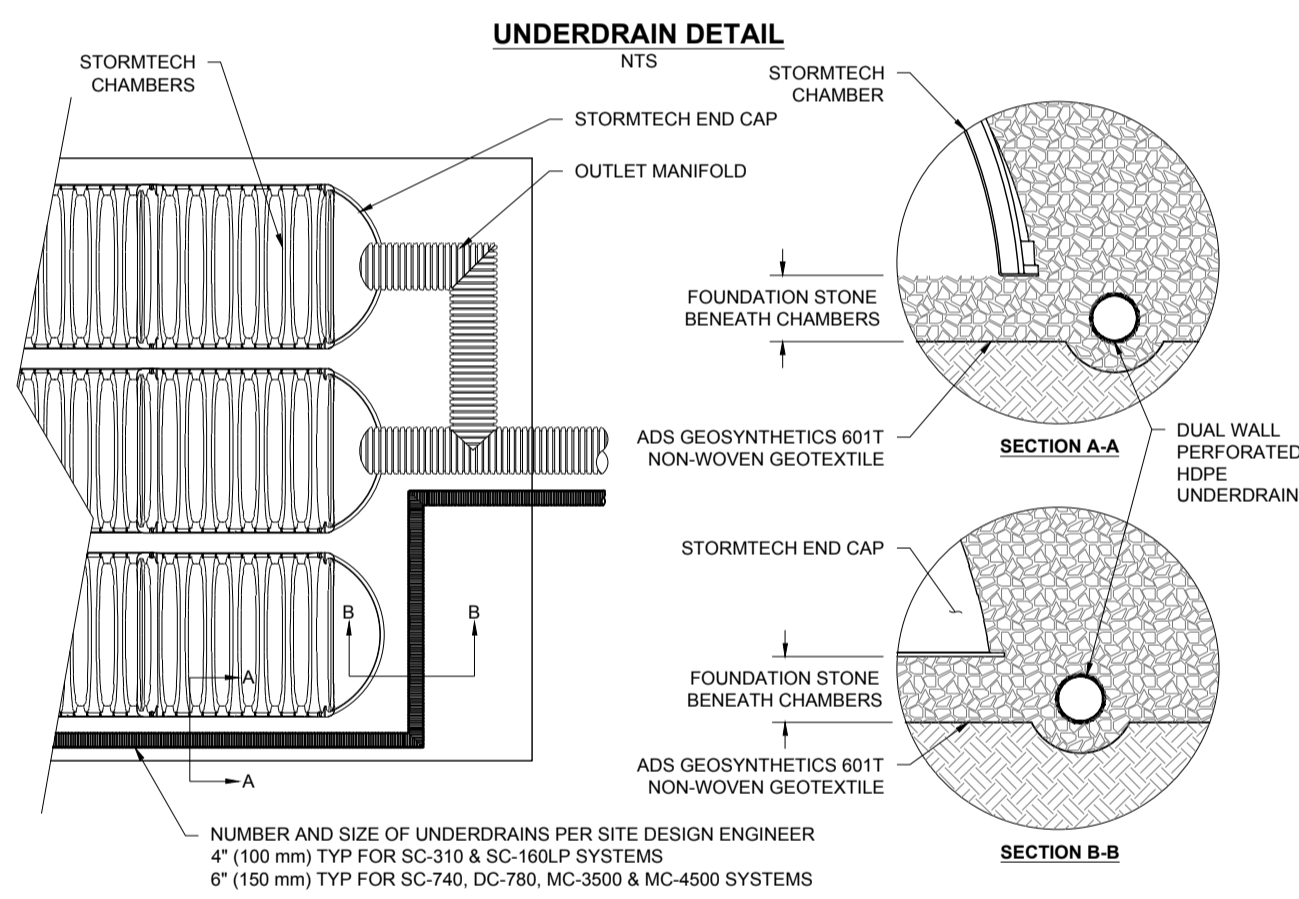


PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT	MAX FLOW
PREFABRICATED END CAP	A	600 mm BOTTOM CORED END CAP, PART#: MC3500IEPP24BC / TYP OF ALL 600 mm BOTTOM CONNECTIONS AND ISOLATOR PLUS ROWS	52 mm	
PREFABRICATED END CAP	B	450 mm BOTTOM CORED END CAP, PART#: MC3500IEPP18BC / TYP OF ALL 450 mm BOTTOM CONNECTIONS	45 mm	
FLAMP	C	INSTALL FLAMP ON 600 mm ACCESS PIPE / PART#: MC350024RAMP		
MANIFOLD	D	450 mm x 450 mm BOTTOM MANIFOLD, ADS N-12	45 mm	
MANIFOLD	E	450 mm x 450 mm BOTTOM MANIFOLD, ADS N-12	45 mm	
CONCRETE STRUCTURE	F	OCS (DESIGN BY ENGINEER / PROVIDED BY OTHERS)		227 L/s OUT
CONCRETE STRUCTURE	G	(DESIGN BY ENGINEER / PROVIDED BY OTHERS)		467 L/s IN
W/WEIR				
UNDERDRAIN	H	150 mm ADS N-12 DUAL WALL PERFORATED HDPE UNDERDRAIN		



- ISOLATOR ROW PLUS (SEE DETAIL)
- PLACE MINIMUM 5.334 m OF ADSPLUS175 WOVEN GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS
- BED LIMITS



NOMINAL CHAMBER SPECIFICATIONS		77" X 45" X 86"		77" X 45" X 86"	
SIZE (W X H X INSTALLED LENGTH)	CHAMBER STORAGE	109.9 CUBIC FEET	(3.11 m³)	109.9 CUBIC FEET	(3.11 m³)
MINIMUM INSTALLED STORAGE*	WEIGHT	175.0 CUBIC FEET	(4.96 m³)	175.0 CUBIC FEET	(4.96 m³)
		134 lbs.	(60.8 kg)	134 lbs.	(60.8 kg)
NOMINAL END CAP SPECIFICATIONS		75" X 45" X 22"		75" X 45" X 22"	
SIZE (W X H X INSTALLED LENGTH)	END CAP STORAGE	14.9 CUBIC FEET	(0.42 m³)	14.9 CUBIC FEET	(0.42 m³)
MINIMUM INSTALLED STORAGE*	WEIGHT	45.1 CUBIC FEET	(1.28 m³)	45.1 CUBIC FEET	(1.28 m³)
		48 lbs.	(22.2 kg)	48 lbs.	(22.2 kg)

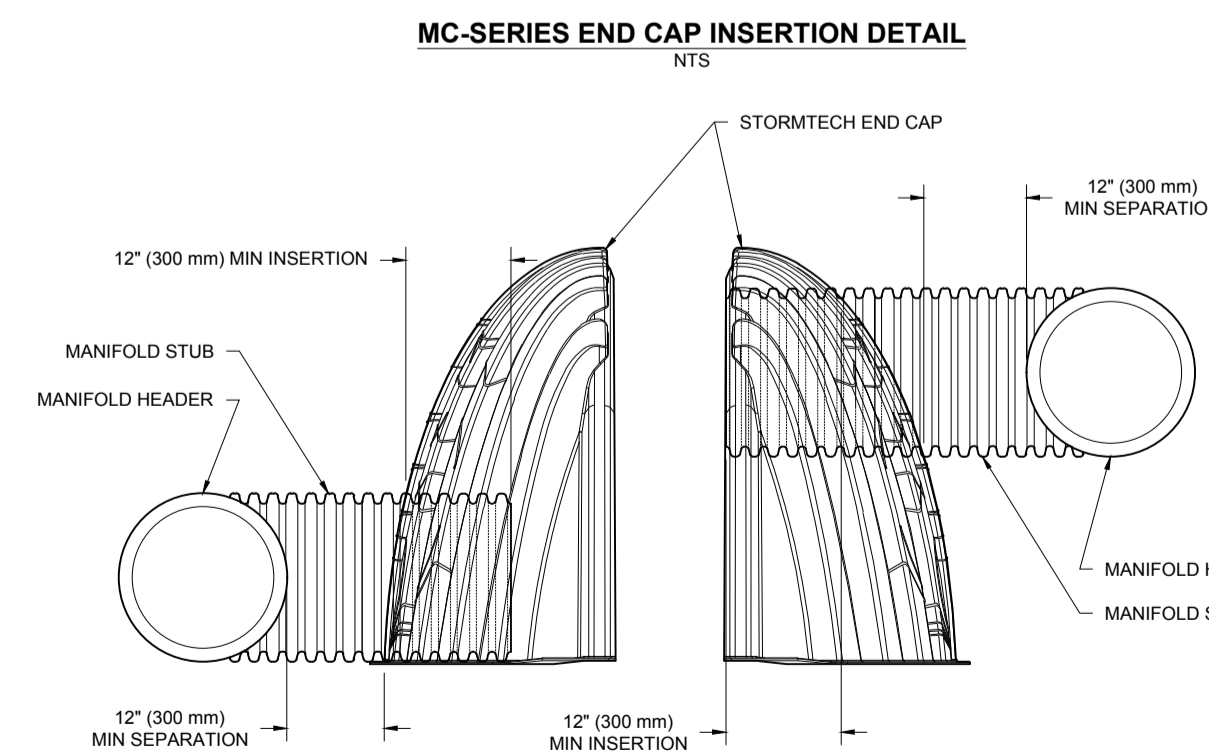
*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION, 6" SPACING BETWEEN CHAMBERS, 6" (152 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A WELDED CROWN PLATE END WITH "C"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

PART #	STUB	B	C
MC3500IEPP06T	6" (150 mm)	33.21" (844 mm)	—
MC3500IEPP08B	—	—	0.66" (17 mm)
MC3500IEPP08T	8" (200 mm)	31.16" (791 mm)	—
MC3500IEPP08B	—	—	0.81" (21 mm)
MC3500IEPP10T	10" (250 mm)	29.04" (738 mm)	—
MC3500IEPP10B	—	—	0.93" (24 mm)
MC3500IEPP12T	12" (300 mm)	26.36" (670 mm)	—
MC3500IEPP12B	—	—	1.35" (34 mm)
MC3500IEPP15T	15" (375 mm)	23.39" (594 mm)	—
MC3500IEPP15B	—	—	1.50" (38 mm)
MC3500IEPP18T	18" (450 mm)	20.03" (509 mm)	—
MC3500IEPP18B	—	—	1.77" (45 mm)
MC3500IEPP24T	24" (600 mm)	14.48" (368 mm)	—
MC3500IEPP24B	—	—	2.08" (52 mm)
MC3500IEPP24W	—	—	2.75" (70 mm)
MC3500IEPP30B	30" (750 mm)	—	—

NOTE: ALL DIMENSIONS ARE NOMINAL

CUSTOM PRECORED INVERTS ARE AVAILABLE UPON REQUEST. INVERTED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-3500 END CAP OUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.



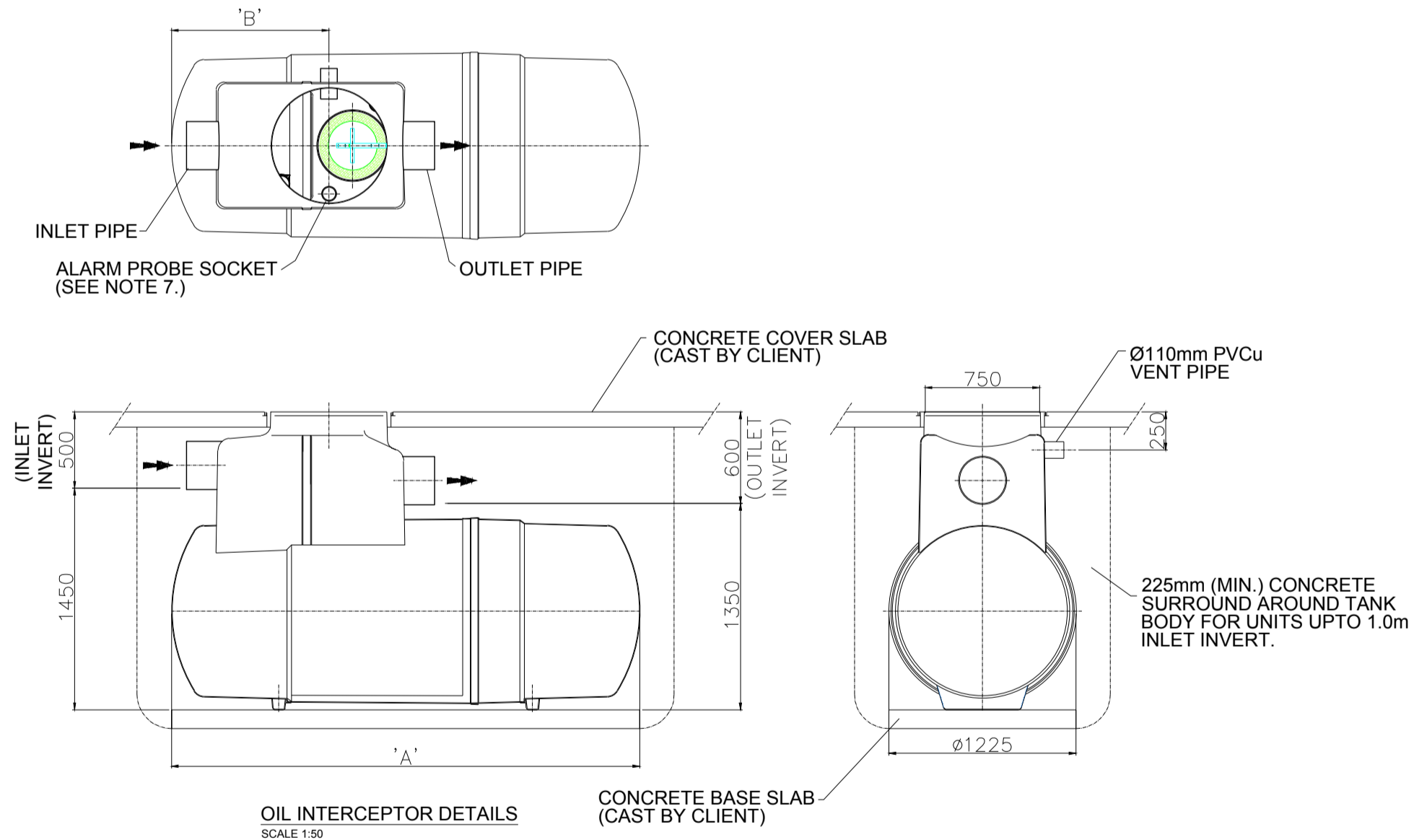
NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

DIMENSIONS

UNIT REF No.	NOMINAL FLOW	DIM 'A'	DIM 'B'	STD. PIPE Ø	APPROX. EMPTY WEIGHT (KG)	FALL ACROSS UNIT
NSBD003	3 L/S	1765	850	160	145	100
NSBD004	4.5 L/S	1765	850	200	160	100
NSBD006	6 L/S	1765	850	200	160	100
NSBD008	8 L/S	3065	1560	250	210	100
NSBD010	10 L/S	3065	1560	315	210	100
NSBD012	12 L/S	3915	1560	315	240	100
NSBD015	15 L/S	3915	1560	315	240	100

NOTES:-

- 1.) INLET / OUTLET PIPES ARE PLAIN PVCu.
- 2.) PLEASE NOTE A CLASS 1 BYPASS SEPARATOR INCLUDES A COALESCER, CLASS 2 BYPASS SEPARATORS DO NOT.
- 3.) EXTENSION NECKS FOR DEEPER INVERT CAN BE PROVIDED IN 0.5m INCREMENTS FOR ON SITE ASSEMBLY. PLEASE ASK OUR SALES DEPARTMENT FOR FURTHER DETAILS.
- 4.) ALL UNITS REQUIRE APPROPRIATE COVER AND FRAME TO SUIT APPLIED LOADINGS.
- 5.) THIS DRAWING SHOULD BE USED FOR DIMENSIONAL INFORMATION ONLY. IT IS ESSENTIAL THAT THIS DRAWING IS READ IN CONJUNCTION WITH THE INSTALLATION GUIDELINES SUPPLIED WITH THE UNIT (COPIES ARE AVAILABLE FROM OUR SALES DEPARTMENT).
- 6.) STANDARD PIPE ORIENTATION SHOWN. FOR OTHER AVAILABLE OPTIONS PLEASE CONTACT OUR SALES DEPARTMENT.
- 7.) AN Ø82mm SOCKET IS SUPPLIED TO HOUSE AN OIL ALARM PROBE.
- 8.) THIS DRAWING IS ALSO AVAILABLE ON OUR WEBSITE www.klargester.com



NOTES:-

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.
5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD.

Rev	Date	Description	By	Chkd.
A	18.06.21	PLANNING ISSUE	MN	MMcC



Project: **PROFILE PARK POWER PLANT**

Title: **PROPOSED ATTENUATION & INTERCEPTOR DETAILS**

Scale @ A1: **1:500**
 Prepared by: **PK** Checked: **MMcC** Date: **Feb' 2021**
 Project Director: **S. Tinnelly**
 Drawing Status: **Planning**

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Drawing No.: **11069-2023** A