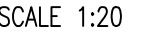


1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DETAILS.
2. ALL MATERIAL & WORKMANSHIP TO BE IN ACCORDANCE WITH 'SEWERAGE SECTOR GUIDANCE APPENDIX C: DESIGN AND CONSTRUCTION GUIDANCE'.
3. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BRITISH STANDARDS, B.S. CODES OF PRACTICE & BUILDING REGULATIONS.
4. REFER TO SSG DCG SPECIFICATION FOR CONCRETE GRADES & SAND/CEMENT MORTAR GRADES. ALL PRECAST & IN-SITU CONCRETE TO CONTAIN A MINIMUM CLASS 3 SUPHATE RESISTANT CEMENT.
5. PRE-FORMED CHANNELS ARE TO BE USED AT MANHOLES.
6. GRANULITHIC CONCRETE BENCHING TO BE STEEL TROWELLED TO A DENSE SMOOTH FACE NEATLY SHAPED & FINISHED TO ALL BRANCH CONNECTIONS & LAID IN ACCORDANCE WITH THE SPECIFICATION.
7. ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.
8. PIPE BENDS TO SUIT DIRECTION OF FLOW.
9. MANHOLE COVERS AND FRAMES TO BE IN EN 124. USE GRADE D400 COVERS IN VEHICULAR MOVEMENT AREAS AND GRADE A15 COVERS IN NON-VEHICULAR AREAS.
10. ALL TRENCHES UNDER CARRIAGEWAY TO BE BACKFILLED WITH TYPE 1 SUB-BASE, WELL COMPACTED IN LAYERS NOT EXCEEDING 150mm LOOSE DEPTH.



SCALE 1:20



MINIMUM CHAMBER DIAMETER	
LARGEST PIPE SIZE	MIN. DIAMETER
≤450	1200
>450	THE LARGER OF 1800 OR DN+450



SCALE 1:20



SCALE 1:20



MINIMUM CHAMBER SIZE	
LARGEST PIPE SIZE	MIN. DIMENSIONS
≤150	750x675*
225	1200x675
300	1200x750
>300	1800 x DN+450
* IF SERVING MORE THAN ONE PROPERTY 1200x750mm MIN.	

SCALE 1:20



CHAMBER DETAILS TO BE IN ACCORDANCE
WITH HYDRO INTERNATIONALS HYDRO-BRAK
DETAILS

MINIMUM CHAMBER DIAMETER	
LARGEST PIPE SIZE	MIN. DIAMETER
≤150	1000*
225	1200
300	1200
>300	THE LARGER OF 1800 OR DN+450
* IF SERVING MORE THAN ONE PROPERTY 1200Ø MIN.	

MINIMUM CHAMBER DIAMETER	
LARGEST PIPE SIZE	MIN. DIAMETER
≤450	1200
>450	THE LARGER OF 1800 OR DN+450

A	SECOND ISSUE -- FOR TENDER	MRB	APW	19.0
	FIRST ISSUE -- FOR DISCUSSION PURPOSES	MRB	APW	16.0
REV.	DESCRIPTION	DRN.	APP.	DA

**SHIELDS
WILSON**
e: info@shieldswilson.co.uk t: 01775 72925
STRUCTURAL AND CIVIL ENGINEERING

STATUS FOR TENDER

CLIENT
BUFFALOAD LOGISTICS LTD.

PROJECT PROPOSED NEW WAREHOUSE
ELSOMS WAY, SPALDING, PE11 3BG

TITLE	PROPOSED DRAINAGE DETAILS - 2 OF 2
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DATE	JUL. '24	SCALE @A1 1:20	DRAWING NO. SW24-217-107	REV. A
DRAWN	MRB			