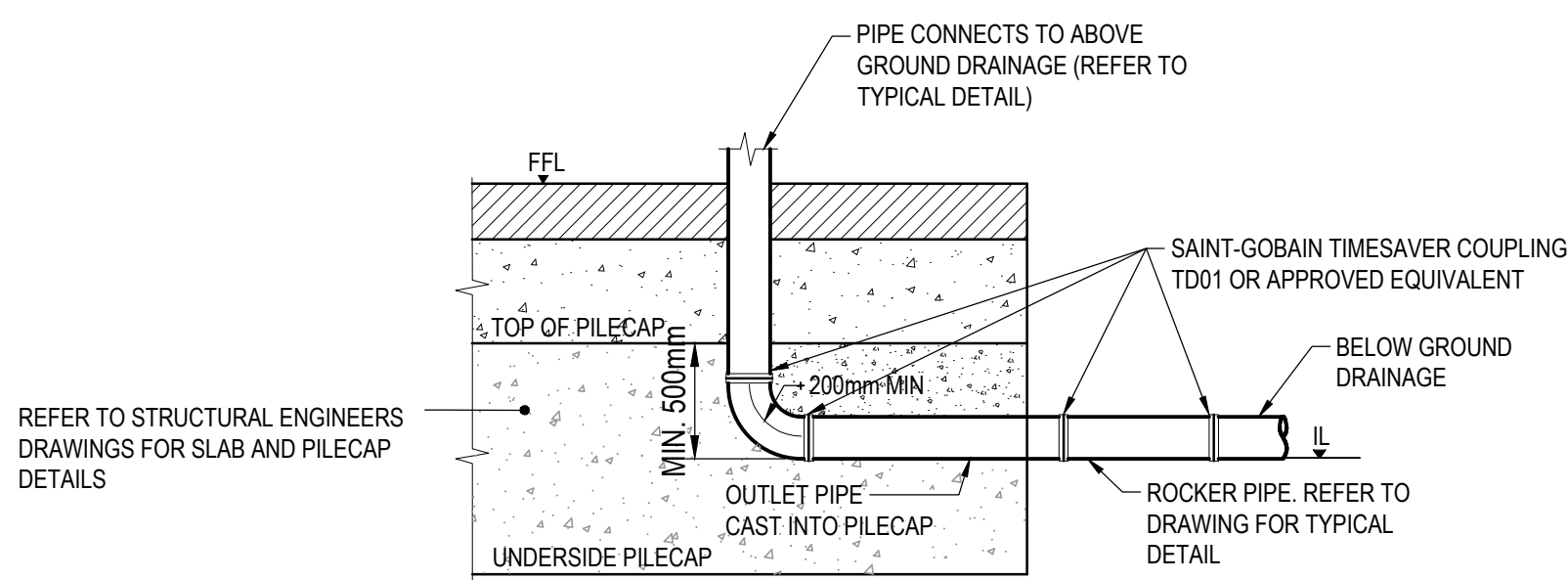
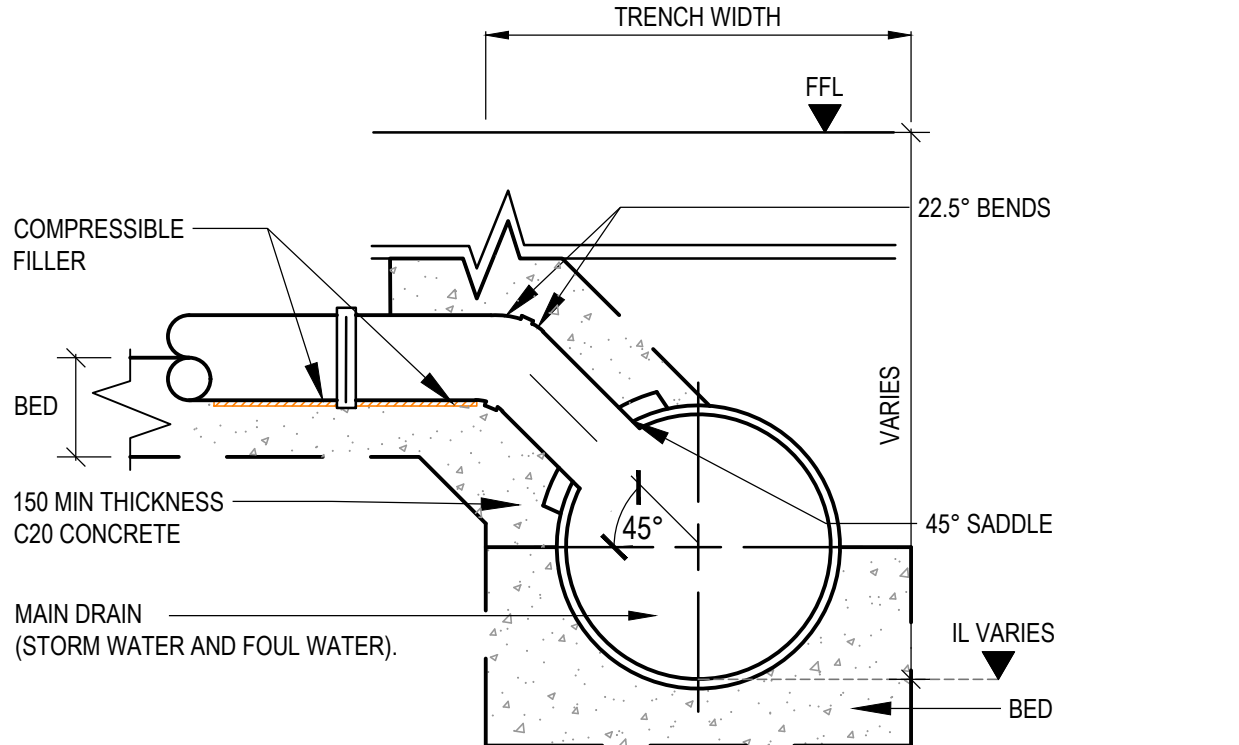




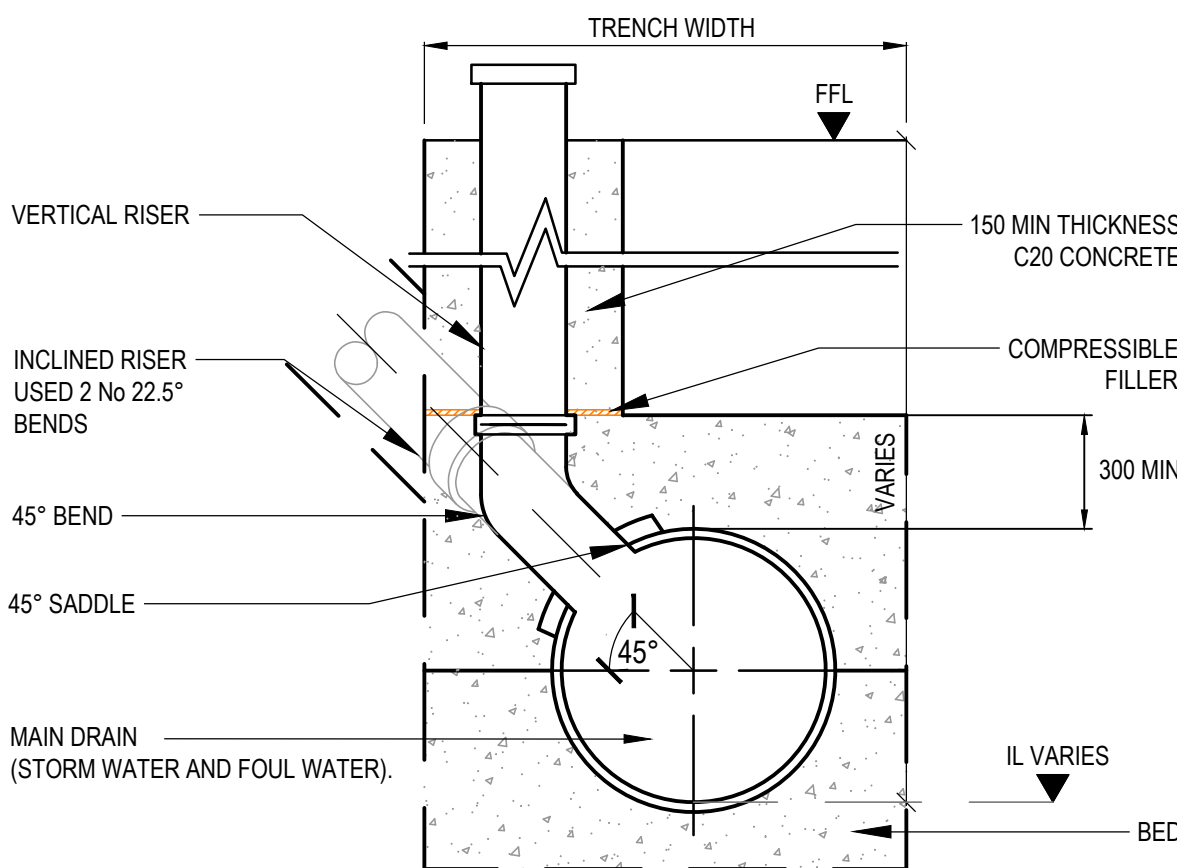
DRAIN POINT THROUGH A PILE CAP

SCALE 1:20



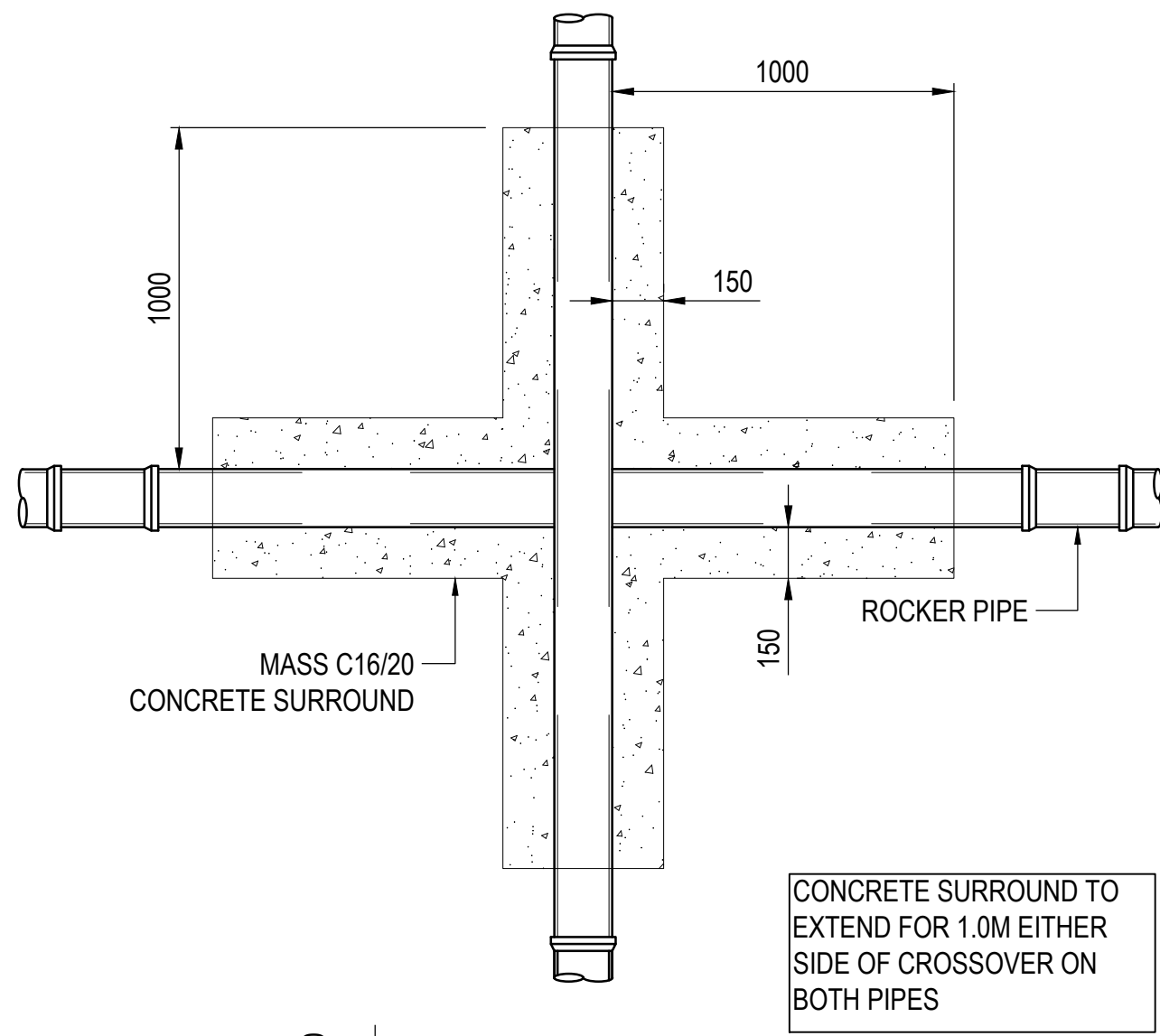
SHALLOW SADDLE CONNECTION

N.T.S



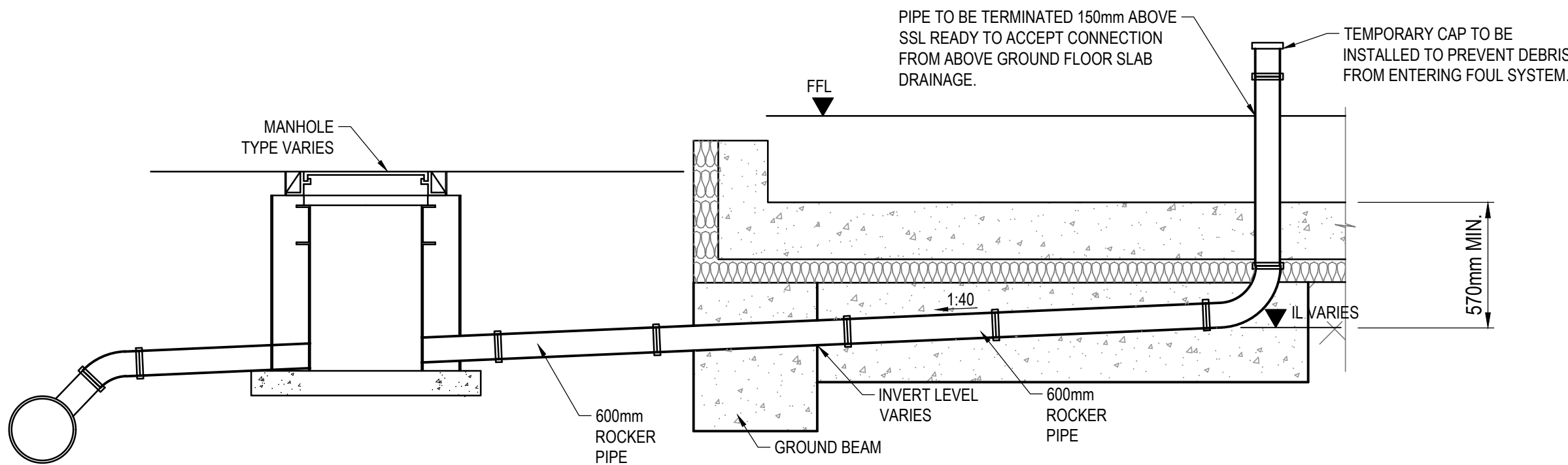
VERTICAL AND INCLINED RISER SADDLE CONNECTION

N.T.S



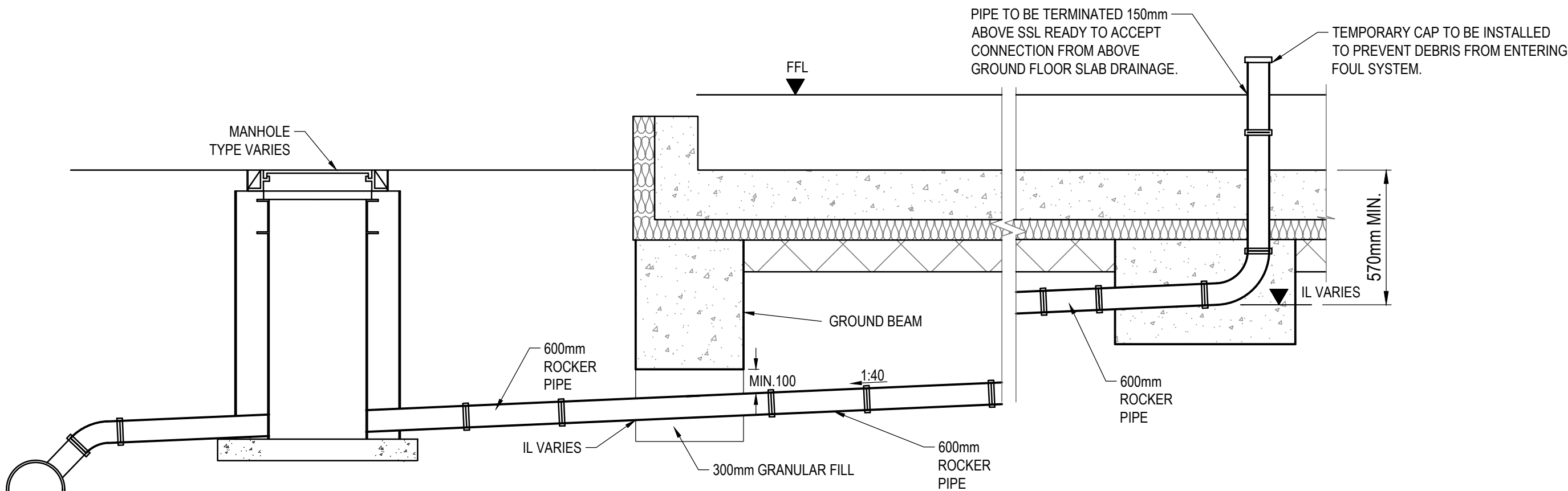
PIPE CROSSOVER DETAIL WHERE PIPE SEPARATION IS BETWEEN 100mm AND 300mm

NTS



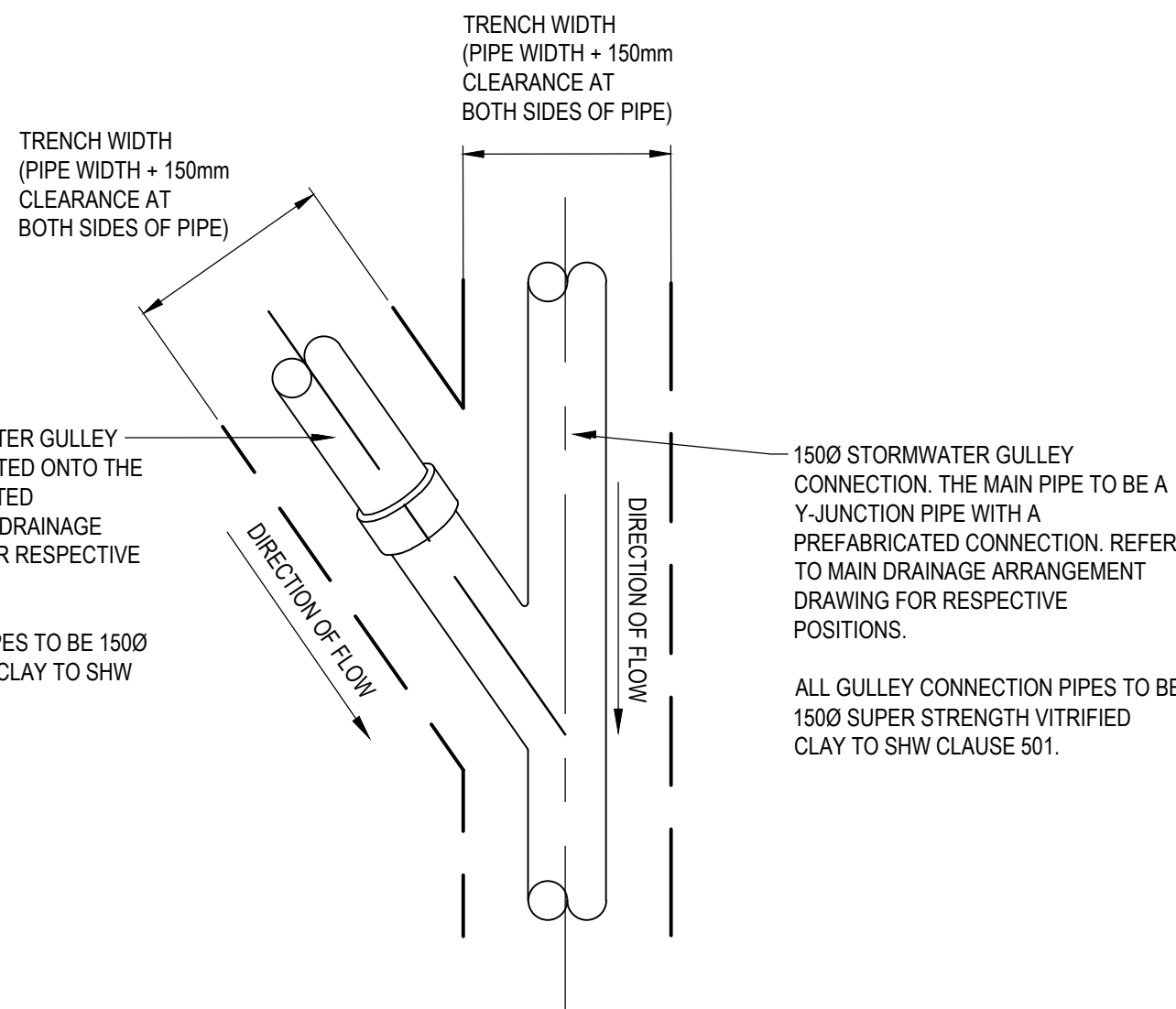
TYPICAL DRAIN POINT CONNECTION (THROUGH GROUND BEAM)

NOT TO SCALE



TYPICAL DRAIN POINT CONNECTION (BENEATH GROUND BEAM)

NOT TO SCALE



PLAN: Y-JUNCTION CONNECTION DETAIL (FOR 1500 TO 1500 GULLY CONNECTIONS)

NOT TO SCALE

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DO NOT SCALE THIS DRAWING.			
HEALTH AND SAFETY INFORMATION			
IN ADDITION TO THE HAZARDOUS RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:			
CONSTRUCTION			
<ul style="list-style-type: none">WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONSWORKS IN PROXIMITY TO LIVE SERVICESWORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET			
MAINTENANCE/CLEANING/OPERATION			
<ul style="list-style-type: none">WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONSWORKS IN PROXIMITY TO LIVE SERVICESWORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET			
DECOMMISSIONING/DEMOLITION			
<ul style="list-style-type: none">WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONSWORKS IN PROXIMITY TO LIVE SERVICESWORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET			

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL DRAINAGE LAYOUTS, SCHEDULES AND DETAILS.
- THE DEVELOPER SHALL REVIEW THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATION FOR THE PROPOSED ADOPTABLE SEWERS IN ACCORDANCE WITH SEWERS FOR ADOPTION AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER / BUILDING CONTROL AND THE SPECIFIC REQUIREMENTS OF THE CLIENT.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN/NEAR CONFINED SPACES, DEEP EXCAVATIONS AND UTILITIES.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
- ALL DRAINAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH BS EN 752 DRAINS AND SEWERS OUTSIDE BUILDINGS, THE CURRENT LOCAL BUILDING REGULATIONS AND TO THE SATISFACTION OF THE WATER AUTHORITY / BUILDING CONTROL OR SPECIFIC REQUIREMENTS OF THE CLIENT IF APPLICABLE.
- BURIED CONCRETE, INCLUDING PRECAST CONCRETE TO BE DESIGNED TO BRE DIGEST 1, CONCRETE IN AGGRESSIVE GROUND, SULPHATE RESISTING CEMENT SHALL BE USED UNLESS AN ALTERNATIVE IS AGREED WITH THE SUPERVISING OFFICER/ENGINEER.
- FOR DESIGNED, DESIGNATED OR STANDARDISED PRESCRIBED CONCRETE REFER TO BS EN 206-1 AND BS 8500. THEY SHALL HAVE A 20mm NOMINAL MAXIMUM SIZE OF AGGREGATE, AND A SLUMP CLASS S2 FOR TARGET 70mm AND NO ADMIXTURES.
- ALL PIPES SHALL BE LAID SOFFIT TO SOFFIT UNLESS STATED OTHERWISE ON THE MANHOLE SCHEDULE.
- MANHOLES & COVER SLABS TO BS EN 1917 AND BS 5911-3. PREFORMED SWEPT CHANNELS SHALL BE USED AT JUNCTIONS AND NO BRANCH SHALL ENTER AT LESS THAN 90 DEGREES FROM THE OUTGOING SEWER.
- MANHOLE COVERS TO BE TO BS EN 124.
- ALL PROPRIETARY PRODUCTS ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS AND SPECIFICATION.

P01 ISSUED FOR STAGE 3			
Rev	Description	Date	Iss'd Rev'd App'd

STAGE 3

Project Stage

COMMENT

Status of Drawing

BURO HAPPOLD

3 Wellington Place
Leeds
LS1 4 AP
UK

Client: MEPC

Architect: CARTWRIGHT PICKARD

Project: ANGEL SQUARE PLOTS 2 AND 3

Dwg Title: DRAINAGE DETAILS
SHEET 4

Job No: 0050930
Scale: A1
AS SHOWN

Drawn/Designed By: MG
Checked By: FR
Approved By: PT

Drawing No: AS-BHE-XX-XX-DR-C-3703
Revision: P01