

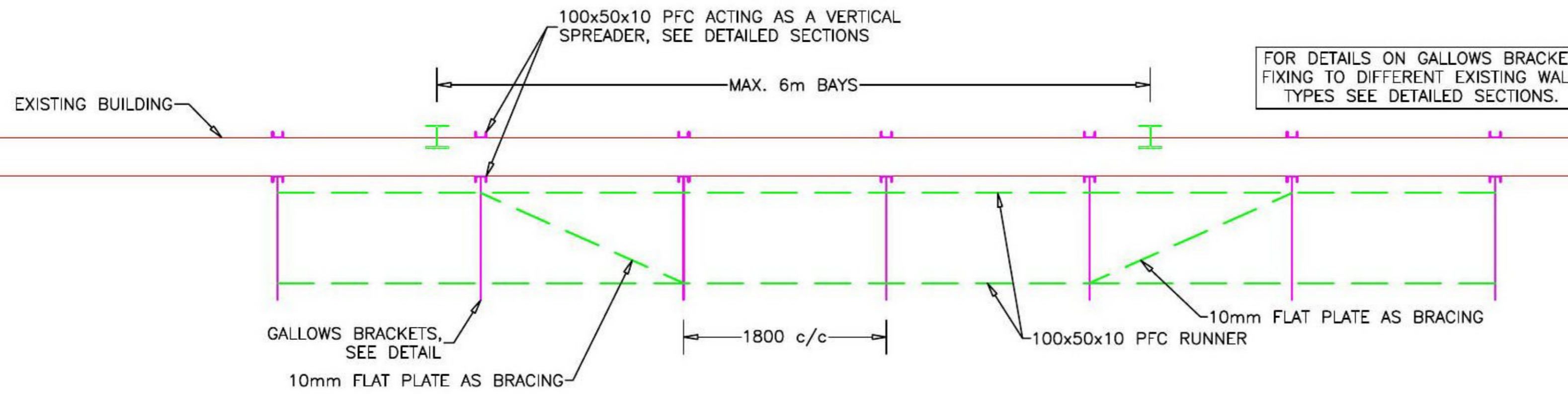
# NOTES

THIS IS A GENERALIZED DRAWING TO PROVIDE GUIDANCE ON SUPPORTING EXTERNAL PLANT SERVICES TO THE SIDE OR REAR OF BUILDING. THE CONTRACTOR IS TO ADAPT THESE GUIDANCE DRAWINGS IN EACH CASE TO FIT WITH THE EXISTING BUILDING AND THE PARTICULAR STRUCTURE OF THAT BUILDING.

ALL EXTERNAL STEEL WORK IS TO BE GALVANISED ALONG WITH ALL BOLTS, NUTS, WASHERS ETC.. ALL STEELWORK IS TO BE GRADE S275 FOR ALL SECTIONS EXCEPT FOR ROLLED HOLLOW SECTIONS WHICH ARE TO BE GRADE S355.

IN THE DESIGN THE CONTRACTOR SHOULD ALLOW FOR THE PLANT LOADS TO BE CARRIED AND ACCESS LIVE LOADS PLUS INCLUDING SNOW AND WIND LOADS APPROPRIATE FOR THE LOCATION OF THE PROPOSED SITE. SUITABLE VERTICAL AND LATERAL STABILITY CROSS BRACING IS TO BE PROVIDED. THE DESIGN IS TO BE VERIFIED BY A CHARTERED STRUCTURAL ENGINEER.

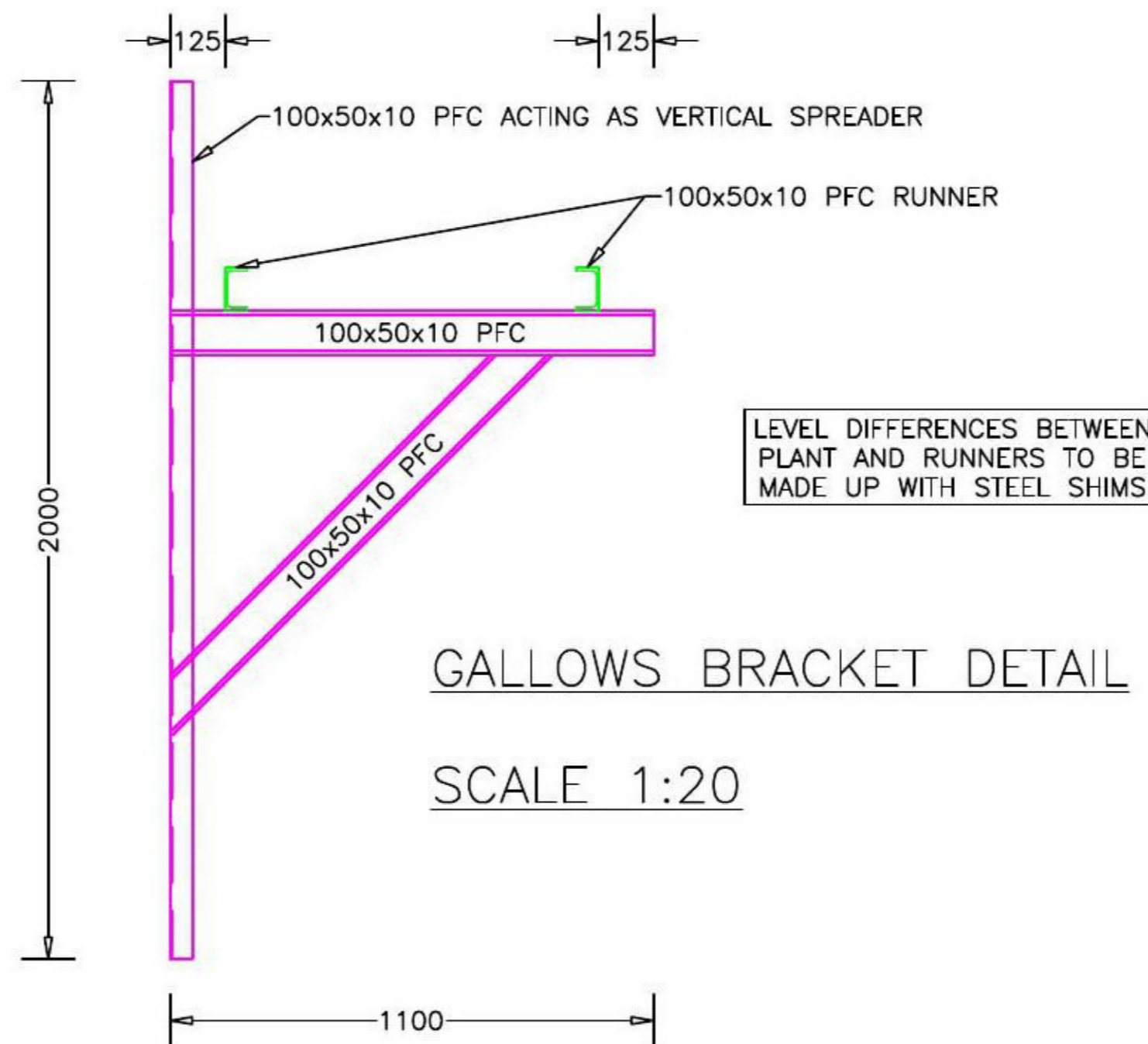
THE EXISTING BUILDING STRUCTURE IS TO BE FULLY CHECKED THAT THE VERTICAL AND HORIZONTAL TIE LOADS IN EACH CASE AND POSITION CAN BE TAKEN ON THE EXISTING COLUMNS AND FOUNDATIONS. SPREADER STEEL BEAMS ENCASED IN CONCRETE OR RC BEAMS CAN BE USED TO REDISTRIBUTE POST LOADS TO EXISTING FOUNDATIONS.



ALL EXTERNAL STEELWORK TO BE HOT DIP GALVANISED, SEE NOTES

## PLANT SUPPORT TO EXISTING WALLS

SCALE 1:50



## GALLOWS BRACKET DETAIL

SCALE 1:20

Revision	Date	By
<b>STROUD ASSOCIATES</b> CONSULTING CIVIL AND STRUCTURAL ENGINEERS SUITE F, HARKSTEAD HALL ESTATE BARNES LINGS LANE, HARKSTEAD, IPSWICH, IP9 1DB		
Project		
LIDL STORES GET FRESH EXTERNAL SERVICE PLANT SUPPORT		
Title		
OPTION 2 – SUPPORT OFF OF EXISTING WALL		
Date	AUG 19	Drawn LP
Scale	1:50, 1:20 @ A3	
Drawing No	ST296-02	