

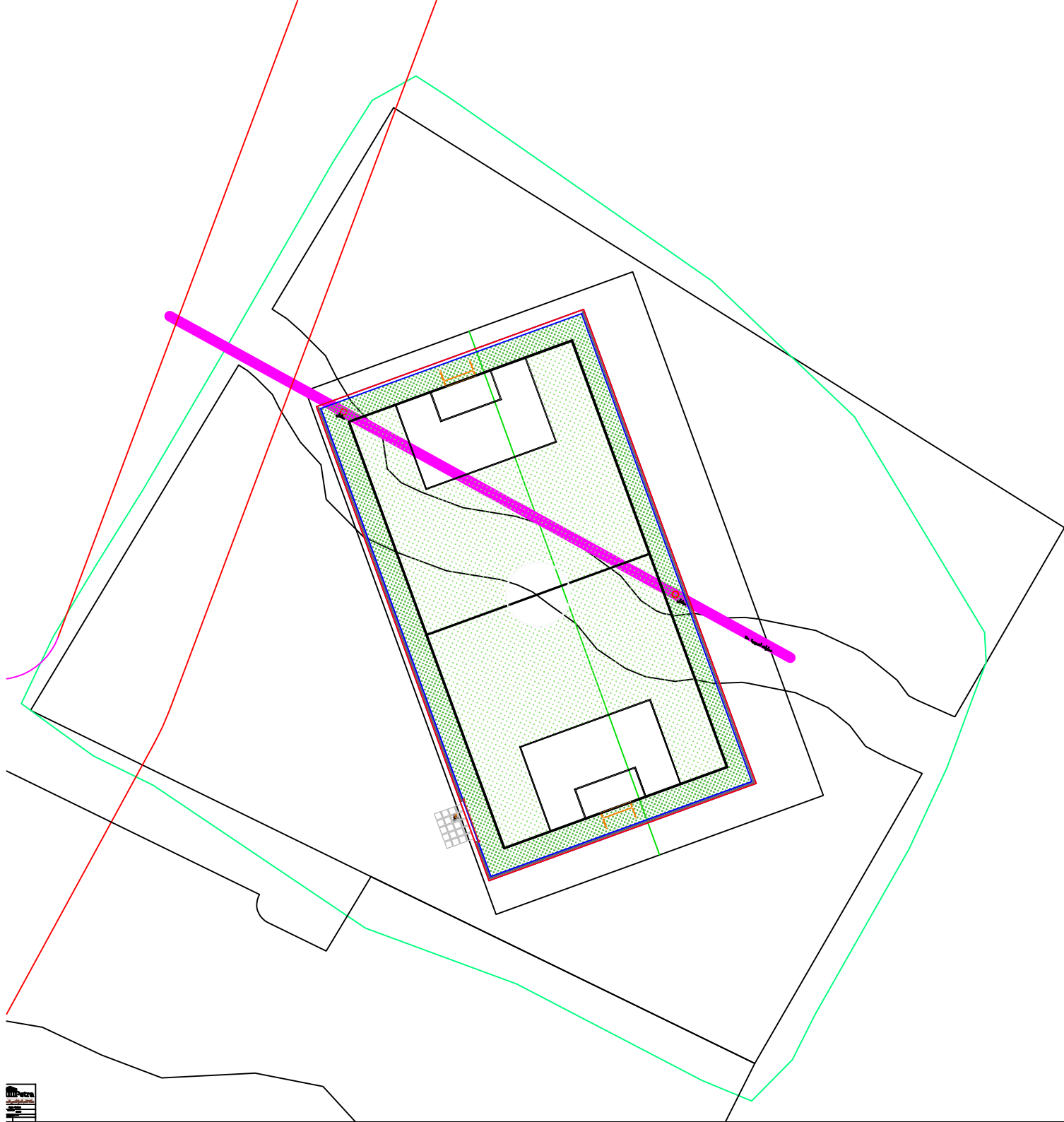


**Petra Development & Tourism Region Authority**

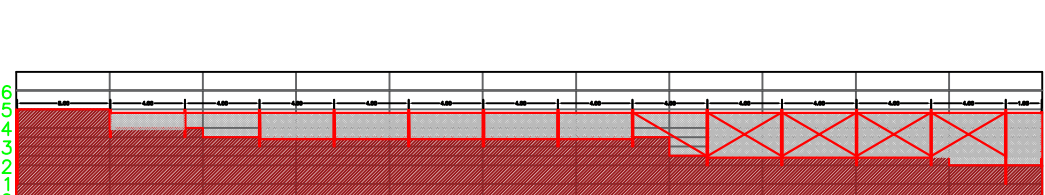
سلطة اقليم البترا التنموي السياحي

*Dlagma Stadium*

*2025*



### Left Side R.W Profiles

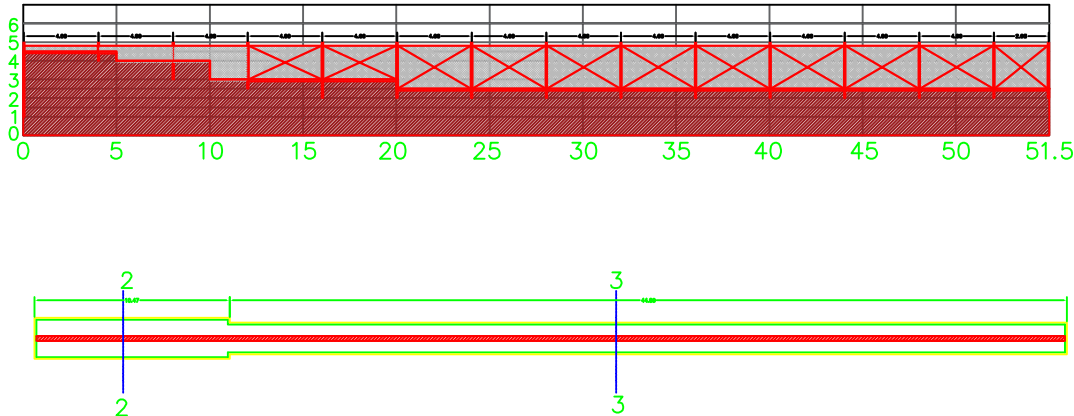


The diagram illustrates the Left Side Right-of-Way (R.W) Profiles. It shows a cross-section of a road with a red hatched area representing the roadbed and a grey area representing the shoulder. The vertical axis on the left indicates elevation in feet, ranging from 0 to 6. The horizontal axis at the bottom indicates stationing, ranging from 0 to 51.50. A red line profile shows the roadbed elevation, and a grey area shows the shoulder. A red cross-hatched area is shown on the right side of the roadbed. Below the main diagram, a smaller diagram shows a cross-section of a road with a red hatched area representing the roadbed and a grey area representing the shoulder. The vertical axis on the left indicates elevation in feet, ranging from 1 to 3. The horizontal axis at the bottom indicates stationing, ranging from 1 to 3.

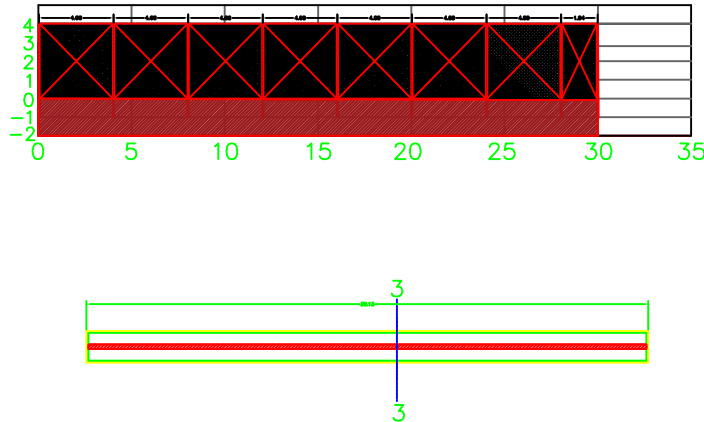
Upper Side R.W Profiles

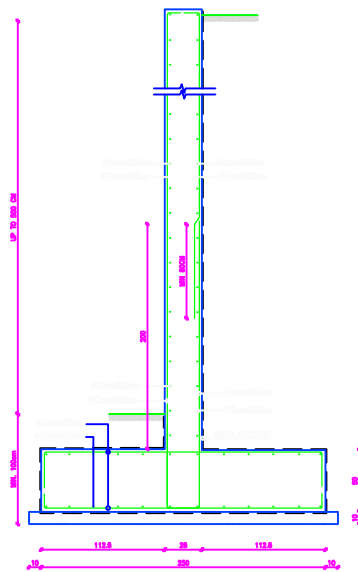
The diagram shows a cross-section of a road with a red hatched area representing the road width. The vertical axis is labeled 0, 1, 2, 3, 4, 5, 6. The horizontal axis is labeled 0, 5, 10, 15, 20, 25, 30, 35. A blue vertical line is drawn at the center of the road, with a '1' above and below it.

### Right Side R.W Profiles

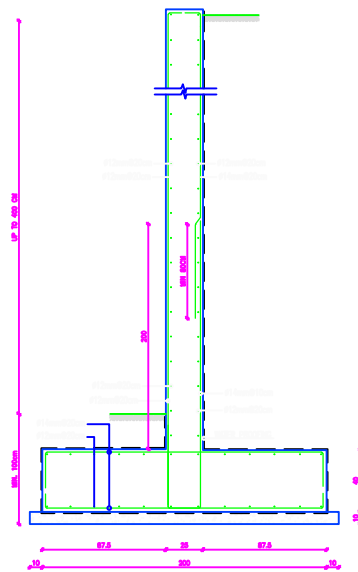


### Lower Side R.W Profiles





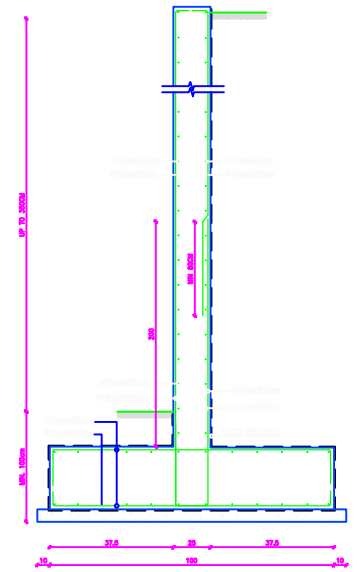
**SECTION 1-1**  
SCALE 1/20



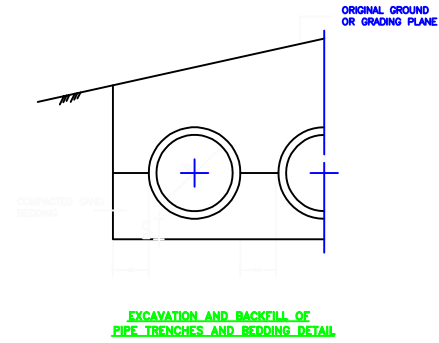
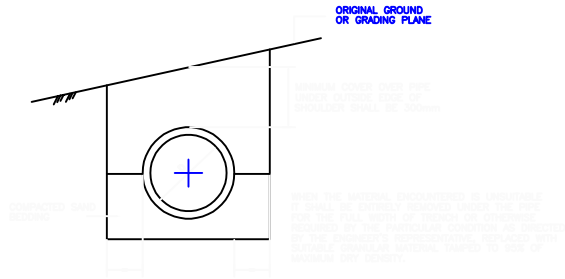
**SECTION 2-2**  
SCALE 1/20



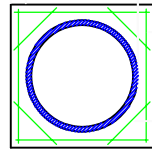
**SECTION 3-3**  
SCALE 1/20



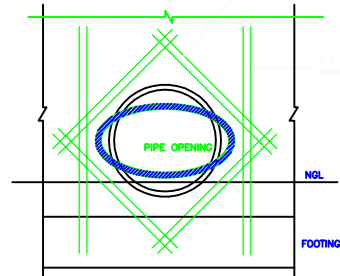
**SECTION 4-4**  
SCALE 1/20



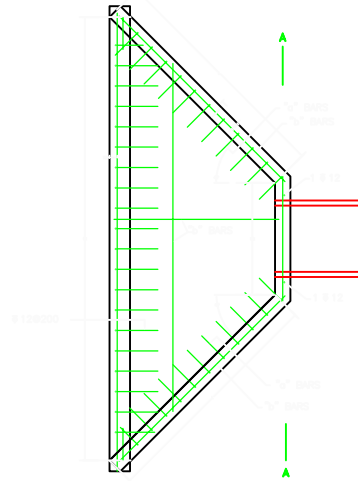
EXCAVATION AND BACKFILL OF  
PIPE TRENCHES AND BEDDING DETAIL



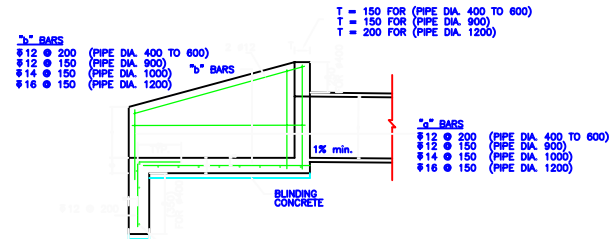
REINFORCED CONCRETE ENCASEMENT  
FOR PIPE CULVERT AND OUTLET PIPE



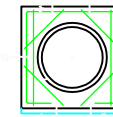
DETAIL IN RETAINING WALL  
AT PIPE INLET AND OUTLET



PLAN  
PIPE CULVERT WING WALL



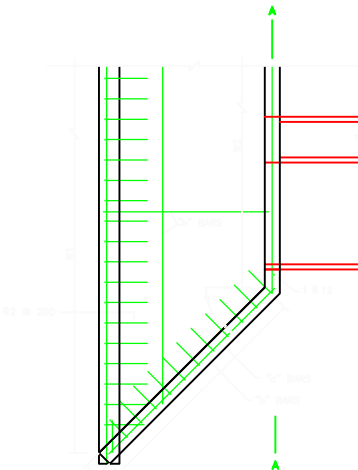
ELEVATION



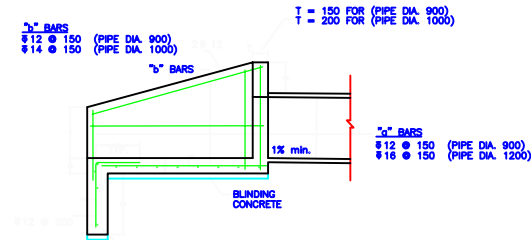
SECTION A - A

TABLE FOR SINGLE PIPE

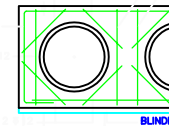
DIA. (mm.)	≤ 500	600	750	900	1000
L (cm.)	170	200	230	290	315
H (cm.)	50	50	60	70	75
W1 (cm.)	320	385	435	540	585
W2 (cm.)	90	100	110	130	140
Con. Cu. m. One Side Of Pipe	1.30	1.60	2.00	3.90	4.15



PLAN  
MULTIPLE PIPE CULVERT HEAD WALL SKEW 0° TO 45°



ELEVATION



SECTION A - A

TABLE FOR MULTIPLE PIPE

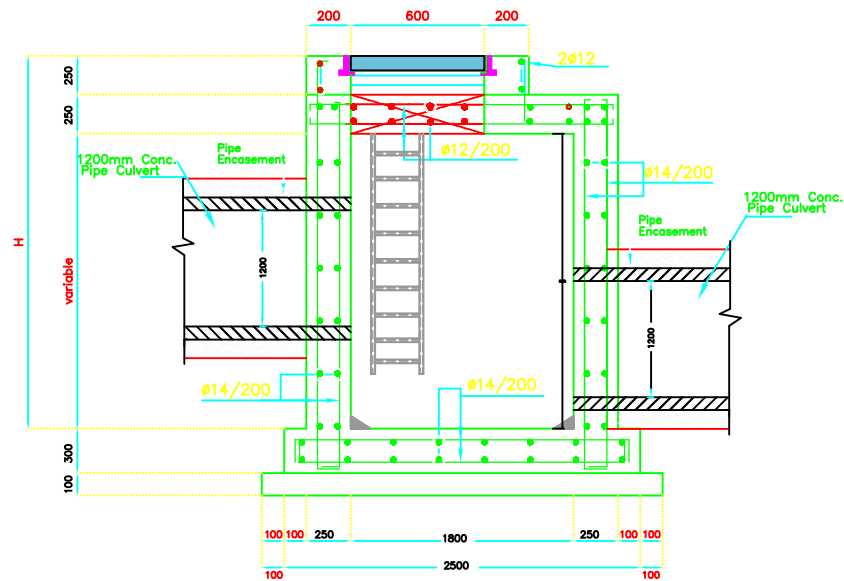
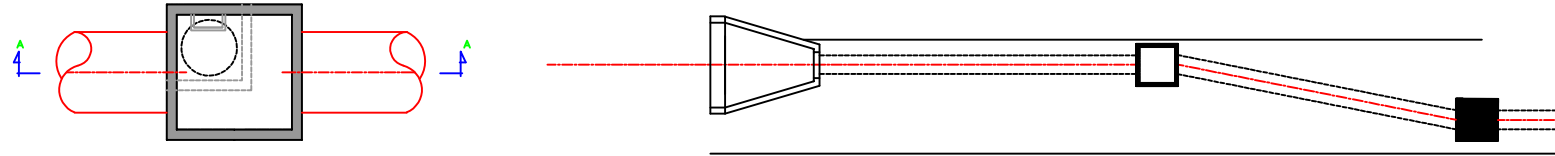
DIA. (mm.)	No. OF PIPES	L (cm.)	H (cm.)	W1 (cm.)	W2 (cm.)	Con. CU. m.
1000	2	315	75	735	290	4.30
	3	315	75	885	440	5.25
1200	2	370	80	885	340	5.90
	3	370	80	1045	520	7.20

**Petra**  
Petra Development & Tourism Region Authority  
سلطة اقليم البترا للتنمية السياحي

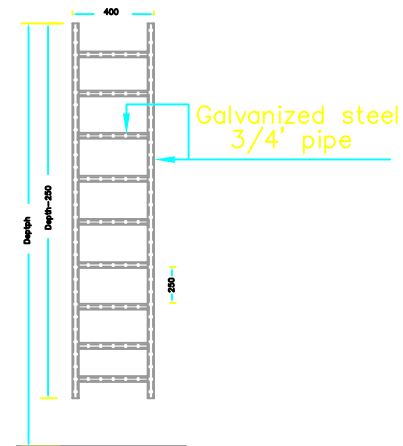
**Diagha Stadium**

DRAWING TITLE:  
PIPE CULVERT  
PLAN, SECTION & DETAILS


DATE: 11/11/2011  
DESIGNED BY: 11/11/2011  
DRAWING NO. 11/11/2011



**SECTION A-A**  
SCALE 1/20  
(FOR 1000 PIPE MANHOLES)  
(Type 1)



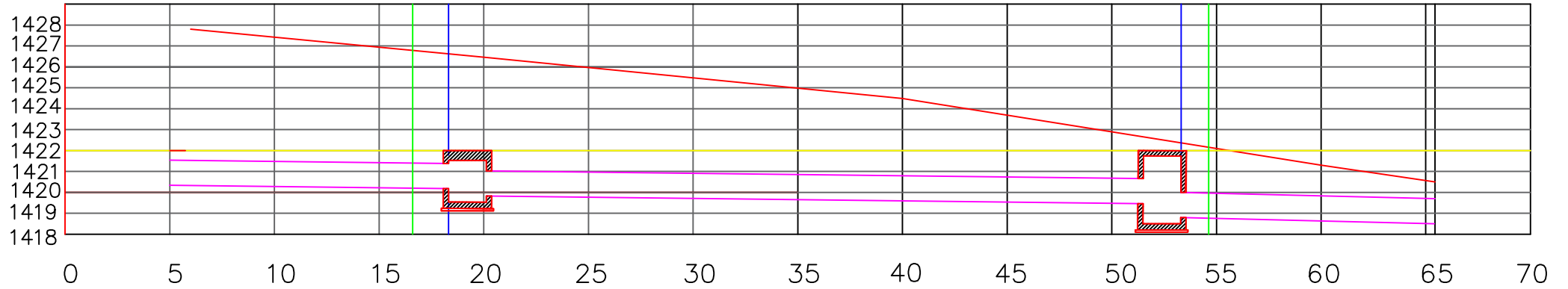
THE INSIDE STEEL STAIR DETAIL

 Petra Development & Tourism Region Authority سلطة اقليم البترا التنموي السياحي	
<b>Diagha Stadium</b>	
DRAWING TITLE <b>PIPE MANHOLE</b>	
DRAWING NO. 101	DRAWING NO. 101

R.W M

# 1200 mm Pipe Culvert Profile

MR.W





tube 40\*20mm

angle 70\*70\*7 mm

tube 80\*40 mm

steel plate 30\*3mm

galvanized fines thick. ( 2.0mm )

