



MATERIAL LIST FOR ONE ASSEMBLY MARKED				BE/1		1		No. Required	
Mark	Size	No.	Length	Area	Weight	Total Area	Total Weight		
1	PLATE GIRDER	2	7854	0.000	896.69	0.000	1793.3		
PL/4	PL12*150	20	265	0.089	3.744	1.789	74.889		
PL/9	PL10*195	20	245	0.104	3.727	2.070	74.540		
PL/18	PL12*80	20	246	0.044	1.731	0.887	34.626		
PL/20	PL8*180	20	240	0.093	2.713	1.862	54.259		
(Total in one assembly)					Sub Total	6.609	2031.6		
(Total one assembly X no of assembly)					Total	6.609	2031.6		

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**PROVISIONS:**

- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF THE STRUCTURE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ALL MATERIALS AND EQUIPMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ENVIRONMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE WORKERS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE PUBLIC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE PROPERTY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE ENVIRONMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE CULTURE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE HISTORY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE ARTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE SCIENCE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE TECHNOLOGY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE INNOVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE KNOWLEDGE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAFETY OF THE WISDOM.
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**OWNER:** NATIONAL PETROCHEMICAL COMPANY  
**PROJECT:** 4TH METHANOL PLANT  
**DESIGN & ENGINEERING COMPANY:** PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY  
**PROVIDED BY:** mtg engineering Lurji  
**COMPANY:** SEC Engineering Company  
**SCALE:** BEAM BE/1  
**TITLE:** ROOF STRUCTURE FOR TK-4501 A/B/C  
**DATE:** 1175  
**DRAWING NO.:** SEC-P10/3-TK-4501-BE-01  
**REV.:** 0