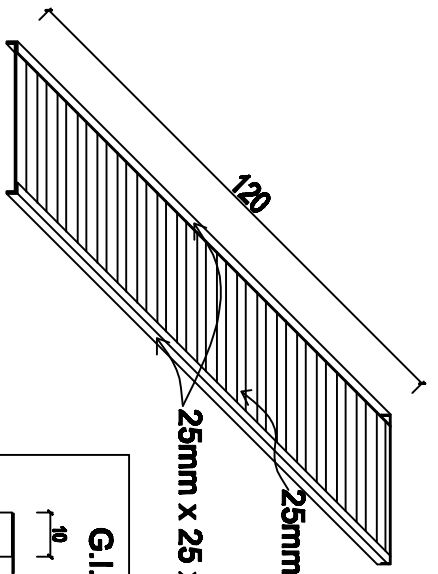


KITCO LIMITED					
NATIONAL GAMES SECRETARIAT					
NAME OF WORK:- CONSTRUCTION OF 6 MULTI-PUPOSE COURTS AT KOZHIKKODE REGION					
TENDER SCHEDULE					
SI No.	Description	Unit	Qty	Rate	Amount
1	Clearing the site/areas of shrubs, vegetation, grass, trees and saplings of girth upto 30 cm (measured at 1m height from ground level) including removal of roots to a minimum depth of 60 cm and disposal of rubbish upto a distance of 150 m outside the periphery of the area etc. complete as directed by Engineer-in- Charge.	sqm	857.00		
2	Earth work excavation in ordinary soil for foundation, trenches, grade beams, etc. including strutting, shoring and packing cavities wherever required, and getting out the excavated soil and then returning the soil as required in layers not exceeding 15 cm in depth, consolidating each layer by watering, ramming, etc., and disposing of surplus excavated earth with initial lead upto 50m and lift upto 1.5m including breaking clods, watering, and sectioning of soil bank, etc., complete as directed by the Engineer- in-Charge.	cum	112.00		
3	Extra for consolidation of earth by power roller(Daily out turn 1850 m2) in 15 cm layers including watering, including cost and conveyance of all materials, labour charges, hire charges etc. complete as directed by the Engineer- in-Charge for soil stabilisation.	cum	129.00		
4	Providing and laying PCC 1:4:8 (1 cement, 4 coarse sand and 8 graded stone aggregate 40mm nominal size) properly mixed and consolidated with hand rammers, including cost and conveyance of all materials, labour, shuttering, curing, lead lift,	cum	15.00		
5	Providing and laying PCC 1:2:4 (1 cement, 2 coarse sand and 4 graded stone aggregate 20mm nominal size) properly mixed and consolidated with hand rammers, including cost and conveyance of all materials, labour, shuttering, curing, lead, lift , etc. complete at all levels and as directed by Engineer- in-Charge.	cum	10.00		
6	Providing and laying sub base for the synthetic Tennis field according to the drawings approved by ITF to suitable thickness and composition and strength. The item includes providing and laying layers of asphalt of required specification and finish to receive synthetic Tennis surface and side drain on one side of proprietary design for disposal of field water to disposal point, all according to proprietary methodology, drawing and design. Sub base details- a chemical treatment for pests and vegetation control, a sub base of 4" soling using 80 mm broken stone, 3" water bound macadam, 2" BM and BC (80/100)	sqm	608.00		

7	Providing and fixing PVC coated GI chain link fencing of height 3.0m with 50x50mm woven net with 2.85 mm dia GI wire +1.15 mm thk PVC coating (total 4mm dia) using angles and posts of ISA 50x50x 6 and ISMC 75 as per drawing. Chain link will be spirally woven netting of 1.8 m height and is fixed to an angle iron frame of ISA 50x50x6mm using nuts and bolts and the angle frame is fixed to the ISMC 75 ,used as pillars at an interval of 2.4m, and it is fixed in PCC block 1:2:4 of size 450x450x600 mm. The rate includes cost and conveyance of all materials, painting with two coat of anti corrosive yellow zinc chromate primer and two coats of synthetic enamel paint labour charges, lead, lift, etc complete at all levels and as directed by Engineer-in-charge.(Earth work, PCC, Plastering, etc. shall be measured under relevant items)	m	116.00		
8	Providing and applying cement plaster in CM 1:5 (1 cement and 5 fine sand) 12mm thick one coat floated hard and trowelled smooth to get a smooth finish to all surfaces such as walls, columns, beams , cornices ,drian side wall etc. including cost and conveyance of all materials, labour, curing, etc as directed by Engineer- in- Charge at all levels.	sqm	417.00		
9	Providing and fixing MS gratings for drains, including cutting, welding, labour, painting with two coats of anticorrosive yellow zinc chromate primer and two coats of Synthetic enamel paint of approved quality and colour, all necessary ,positioning to the concrete structure as per the drawing and directed by Engineer- in-Charge at all levels	Qtl	10.00		
10	Supply of ITF approved, category 3/category 4 Tennis accrylic surface (5 layers) as per the proprietary design and specifications approved by ITF. The supply includes all taxes, duties, vat, excise and other charges, but excluding custom duty for which exemption can be obtained. On net delivery at site basis. The supply to include all wastage and other incidental for (32 X 19) sqm on completion. The work includes the supply and installation of Volleyball and Tennis sleeves & accessories including net. All markings in different colour as per the drawing is necessary.	sqm	608		
<b>ELECTRICAL WORKS</b>					
15	Supply,installation,testing and commissioning sports lighting system using 9 m height GI pipe pole (5" & 4" dia) with brackets suitable for mounting three flood lighting luminaires .There shall be built in junction box with prewired MCB's for each lamp ,terminal connectors for loop in loop out. Supply ,installation , testing and commissioning of integral flood light luminaires having MH lamps with ballast and all other accessories - 1x400W - 3nos and pipe earth(1 nos) and earthing with GI strip as per IS 3043 for each mast etc. From each MCB's to lumianires minimum of 3Cx2.5Sq.mm PVC insulated copper conductor shall be provided.Design and supply of all materials and casting of suitable shallow foundation using M25 concrete for the pole considering the safe soil bearing capacity at site,at suitable depth as per the approved drawing, and supply a set of foundation bolts manufactured from special steel along with nuts, washers anchor plates and templates for each mast.The erection of the pole should be done with the help of suitable equipments including all charges for all cables and cablings up to the out door MCB DB.	no	4		

16	<p>Supply ,installation,testing and commissioning of sports lighting system using 9 m height GI pipe pole (5" &amp; 4" dia) with brackets suitable for mounting two flood lighting luminaires .There shall be built in junction box with prewired MCB's ,terminal connectors for loop in loop out.</p> <p>Supply ,installation , testing and commissioning of integral flood light luminaires having MH lamps with ballast and all other accessories - 1x400W - 2nos and pipe earth(1 nos) and earthing with GI strip as per IS 3043 for each mast etc. From each MCB's to lumianires minimum 3Cx2.5Sq.mm PVC insulated copper conductor shall be provided.Design and supply of all materials and casting of suitable foundation for the pole at suitable depth as per the approved drawing, and supply a set of foundation bolts manufactured from special steel along with nuts, washers anchor plates and templates for each mast.The erection of the pole should be done with the help of suitable equipments including all charges for all cables and cablings up to the out door MCB DB.</p>	no	2		
17	<p>Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of outdoor type MCB DB(IP 54) including copper/brass busbar, neutral link, earth bus and DIN rail suitable for fixing MCB/isolator etc. fixed on floor in suitable foundation using suitable anchor bolts ,making good the damages, colour washing etc. as required. 4 way(8+12) -Double cover TPN vertical DB with provision for Fixing 4P MCB/Isolator/RCBO/ RCCB as incomer and SP/TP MCB as outgoing (IP 54)</p>	no	1		
<b>TOTAL/ PER COURT</b>					
<b>Total amount of contract for six courts</b>					



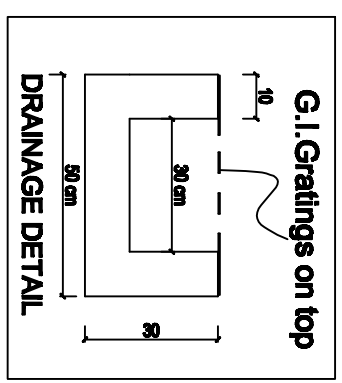
25mm x 3mm flats @ 4.5 cm c/c

25mm x 25 x 3 mm anglare

DETAIL OF GRILL  
34.4

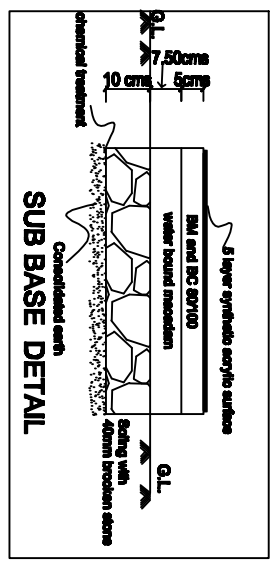
120

DETAIL OF GRILL

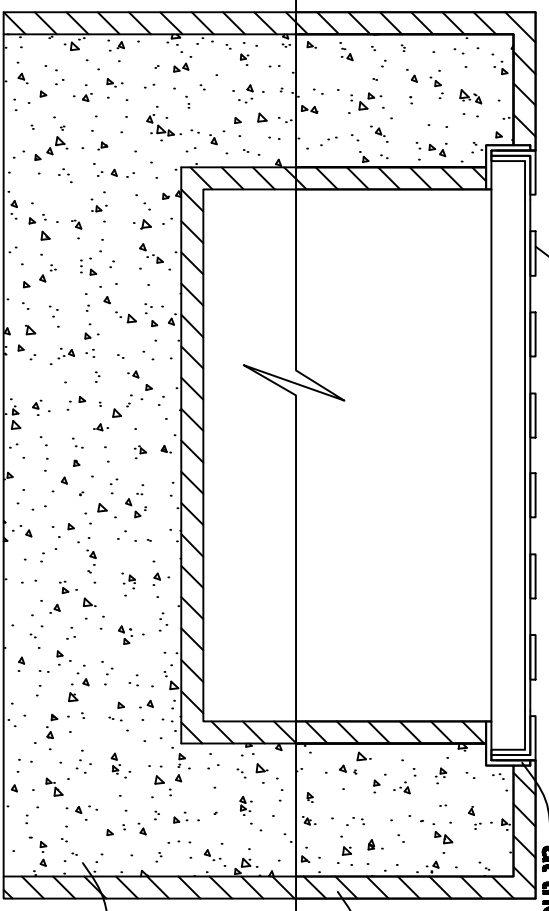


G.I. Gratings on top

DRAINAGE DETAIL



SUB BASE DETAIL



25mm x 3mm flats @ 4.5 cm c/c

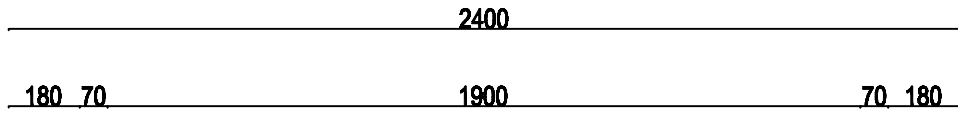
25mm x 25 x 3 mm anglare at the edges of the drain

plastering

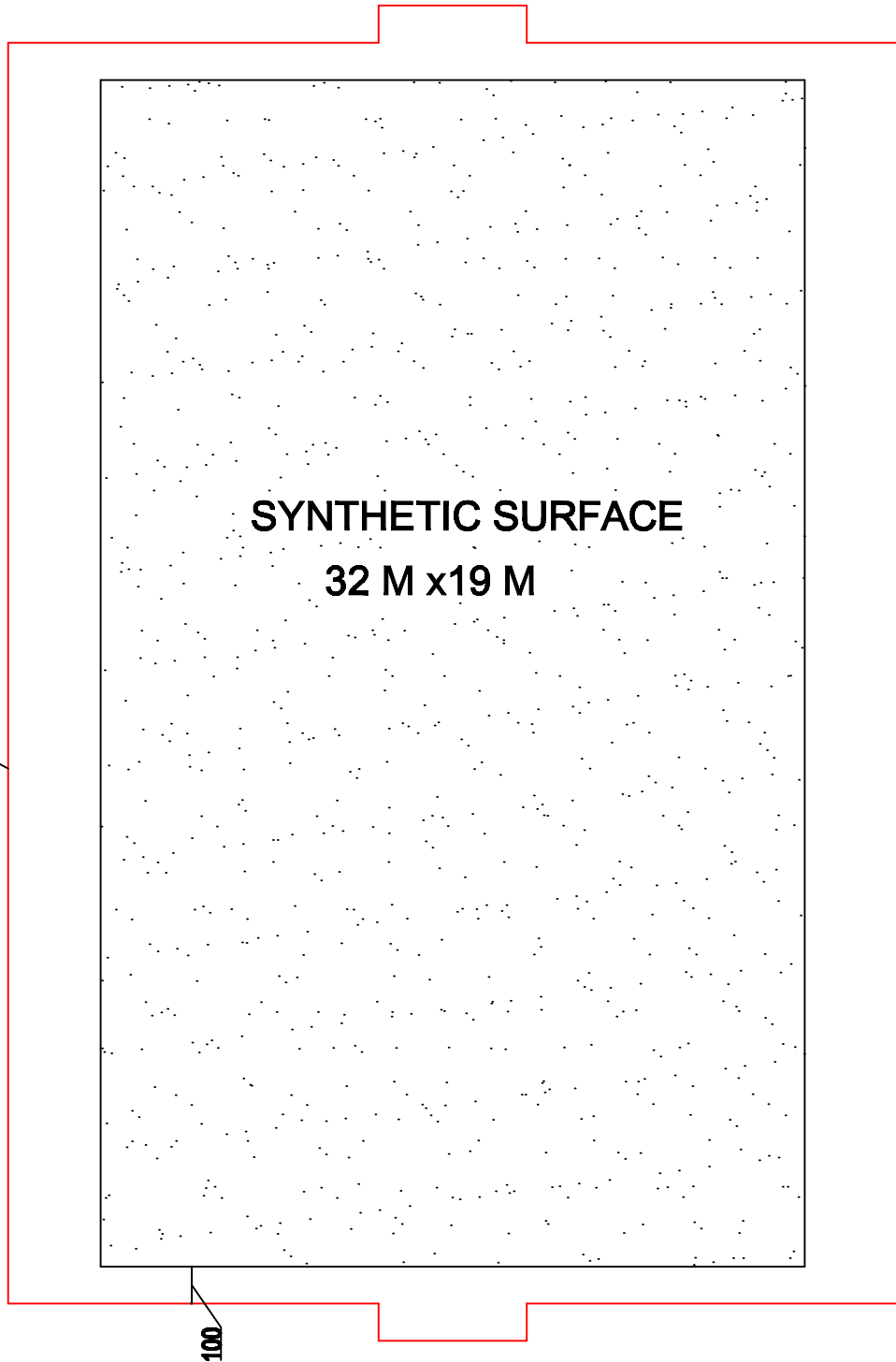
concrete

DRAIN CHANNEL DETAIL

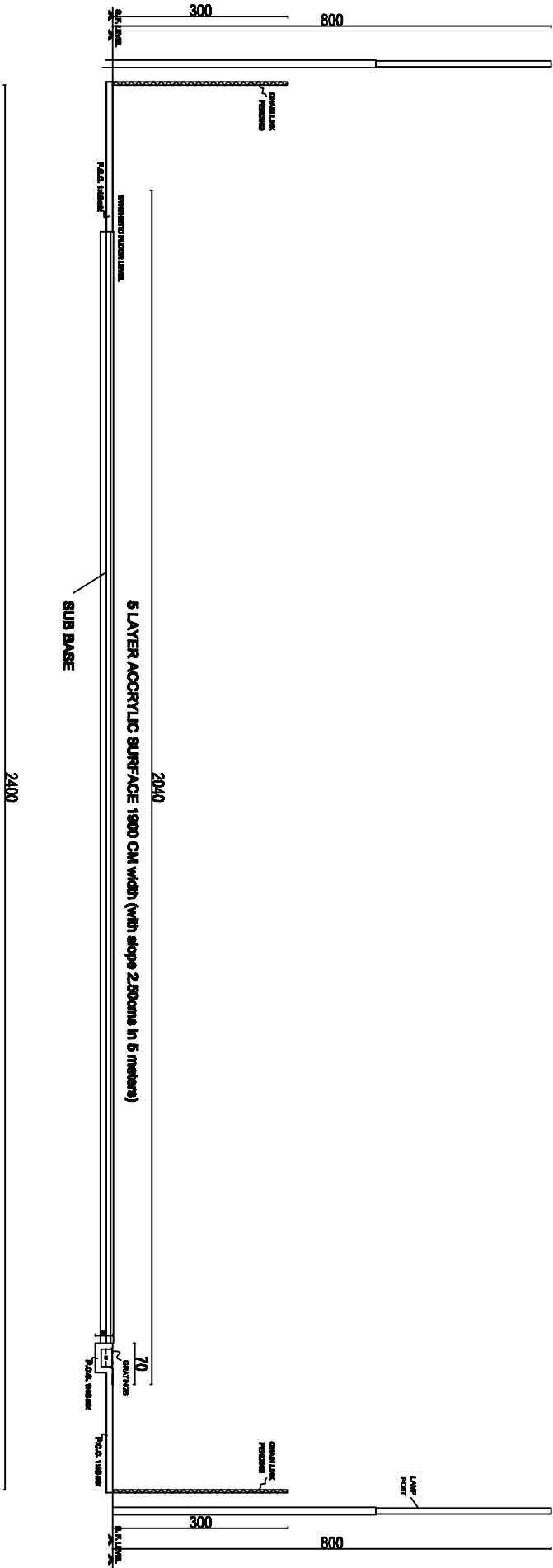
NOTE :- DRAIN CHANNEL IS REQUIRED IN ONLY ONE LONGER SIDE OF THE COURT



10' high  
chain link  
fencing



MULTI SPORT PLAY SPACE - PLAN



**SECTIONAL DETAIL FOR THE MULTIPURPOSE STADIUM**