



MASTER  
PLAN

INDICATE A RAILWAY  
STATION, SOURCE OF  
DISCARDED RAILWAY TRACKS

REUSE OF STEEL CO. OPERATES  
INDUSTRIAL ZONE, RAFFLES  
HILL AND RECENTLY  
DISCARDED RAILWAY TRACKS

WATER TOWER AND  
WATER RESERVOIR  
IN THE AREA

RAFFLES HILL, HILL,  
FRONT OF THE MAIN  
HILL, HILL  
HILL LOCATION

FRONT ELEVATION

- 138mm x 25mm type reused steel rail track section as beam
- 10mm thick steel plate
- 25ø type four nuts for 45 feet rail tracks
- 138mm x 25mm type reused steel rail track section as beam

JOINT BETWEEN TWO RAIL TRACK

STAIRCASE DETAIL

- 50mm thick steel box bar framed grated step on steel rail section
- stainless steel cable with maroon matte finish in tension.
- reused wrought iron hand rail painted in matte black.
- 10mm thick steel plate welded at the end of steel railing and screw fixed to the box bar framed grated step
- 30mm thick steel plate bolted with reused rail
- reused rail

RAIL SECTION

DETAIL - D  
spot light fitting detail

HANDRAIL DETAIL

- maroon painted steel handrail with stainless steel tension cables
- hand rail nut & bolted with steel by using end steel plate
- black painted reused steel mesh

FOUNDATION DETAIL

- 125mm x 138mm reused rail as column
- tab plate
- steel base plate
- non-shrinking grout
- GROUND LEVEL
- anchor bolts
- INVISIBLE CONCRETE FOOTING

SECTION A-A  
SCALE 1:50

TWO BED DORMITORIES  
WHICH CAN BE MERGED  
AS ONE TO MAKE A HALL  
WHICH CAN BE USED FOR  
ENTERTAINMENT  
ACTIVITIES

THE DORMITORIES ARE  
SITUATED AT THE TOP  
MOST LEVEL GIVING THE  
BEST VIEW WITHIN THE  
CONTEXT

MOVABLE ACTIVITY  
AREAS WHICH ACT AS  
WORKSHOP UNITS,  
LECTURE HALLS AND AN  
EXHIBITION AREA.

A SEMI OPEN DINING  
AREA WHICH IS DIRECTED  
TO THE VIEW IN FRONT

AN ENTRANCE TO THE  
NATURE TRAIL AND TO  
THE VERTICAL ACCESS

WORKSHOP  
AREA 4

WORKSHOP  
AREA 3

DORMITORY 1

DORMITORY 2

KITCHEN

DINING AREA