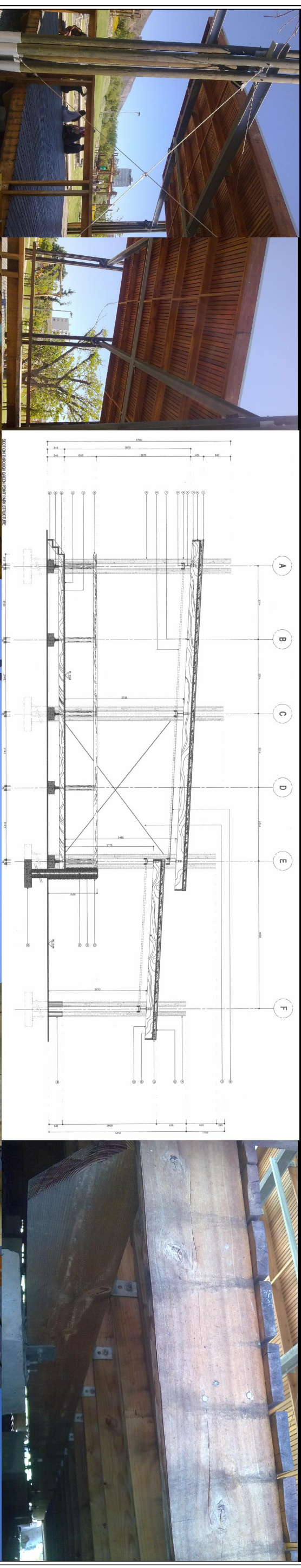


TECHNOLOGICAL PRECEDENT STUDY - GREENPOINT PARK STRUCTURES - "OUTDOOR THEATRE"



MAIN TECHNOLOGICAL IDEA OF THE BUILDING/ STRUCTURE

THE MAIN TECHNOLOGICAL IDEA IS THAT OF A PERMEABLE LIGHT WEIGHT FRAMED STRUCTURE, WHICH CLEVERLY INCORPORATES A MULTIPURPOSE DECK USED FOR CREATIVE PERFORMANCE.

TECHNOLOGY

CLUSTERED 150mm dia. GUMPOLES ON CONCRETE FOOTINGS FORMING PRIMARY STRUCTURE. HOT ROLLED I-BEAMS RESTING ON ENGINEERED GRIP BRACING, BOLTED TO GUMPOLES SUPPORT THE TIMBER ROOF RAFTERS.
 IFR SHEETING SHEETING RESTS ON TOP OF 75x50mm PURLINS
 DIAGONAL TIMBER INFILL SLATS UNDER ROOF AND CABLE CROSS BRACING ENSURES STABILITY AND A CLEAN LOOK. TIMBER SLATS NAILED TO CROSS BEAMS, BOLTED TO PAD FOUNDATIONS FORM THE RAISED DECK. TIMBER MEMBERS BOLTED TO THE SIDES OF DECK, FORM A PERMEABLE BALUSTRADE.

SCALE

THE GREENPOINT PARK OUTDOOR THEATRE OCCUPIES A FOOTPRINT OF 80m² AND IS APPROXIMATELY 5,7m's HIGH.

HOW DOES THE TECHNOLOGICAL IDEA CONTRIBUTE TO THE OVERALL IDEA OF THE STRUCTURE

THE TALL SLENDER GUMPOLES AND PERMEABLE TIMBER BALUSTRADE ALLOWS FOR 360 deg. VIEWS, ALLOWING OBSERVERS AND THE AUDIENCE TO EXPERIENCE THE PERFORMANCE FROM ANY VANTAGE POINT. THE BRACING AND FASTENING TECHNOLOGY EMPLOYED IS NOT HIDDEN, BUT CLEVERLY ENGINEERED TO ENSURE CLEAN JUNCTIONS AS THE PERFORMANCE IS ALSO VISIBLE TO ANYBODY AND NEEDS TO BE CLEAN TO WARRANT APPLAUSE. THE CHANGE IN MATERIALS – FROM TIMBER TO STEEL HOLDS ONE'S INTEREST AS SHOULD BE WHEN WATCHING A PERFORMANCE. THE CONCEALED PAD FOUNDATIONS HOLDING UP THE "FLOATING DECK" FORMS A PERFECT RAISED STAGE FOR OPTIMAL VIEWING PLEASURE. THE SECONDARY AREA BEHIND THE STAGE IS PURPOSEFULLY LOWERED TO CREATE A "BACK OF HOUSE" WITH LOW NATURAL STONE CLADDED WALLING, FORMING A NATURAL SCREEN FOR THE ACTORS TO ENTER ONTO THE STAGE WHICH HOLD SENIORITY, BOASTING HIGHER ROOF VOLUMES.

COMMUNITY HUB - "A PERMEABLE SPACE THAT ENCOURAGES FLEXIBLE USE FOR CREATIVE PERFORMANCE"

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