

LEARNING NOTES

AS SUPPLEMENT TO

AACE INTERNATIONAL PLANNING & SCHEDULING PROFESSIONALS CERTIFICATION GUIDE

PLANNING PLANNING
DEVELOPMENT PRODUCT

SCHEDULE DEVELOPMENT CREATING SCHEDULE

SCHEDULE MAINTENANCE /
CONTROLLING

SCHEDULE OUTPUT AND DELIVERABLES

ELMA HUSIC

TELECOMMUNICATION ENGINEER

ELECTROTECHNICIAN DIPLOMA POWER SECTION

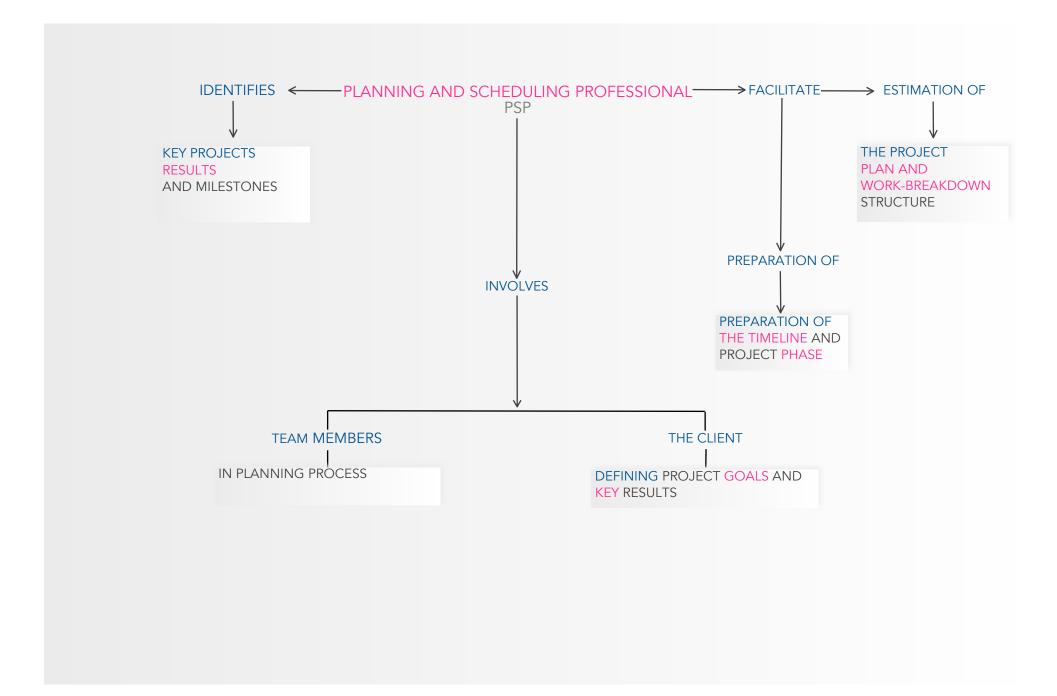
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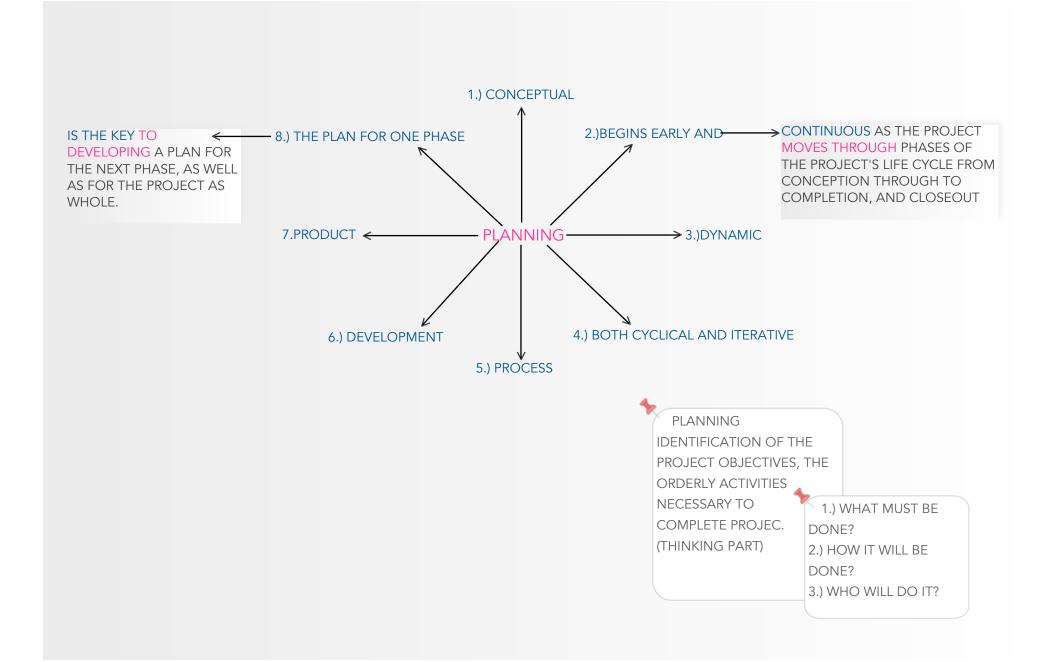
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AACE INTERNATIONAL RECOMMENDED PRACTICE RP 10S-90 COST ENGINEERING	

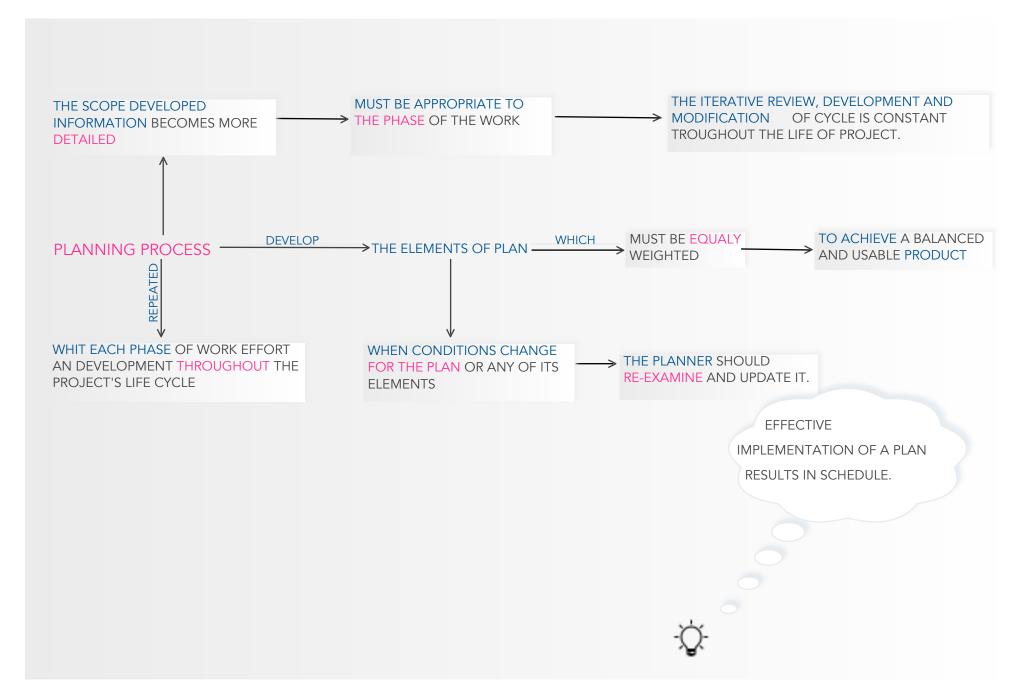
PLANNING & SCHEDULING
IS DYNAMIC AND IS AFFECTED BY
ADVANCES IN PHILOSOPHIES,
METHODOLOGIES AND
TECHNOLOGIES.

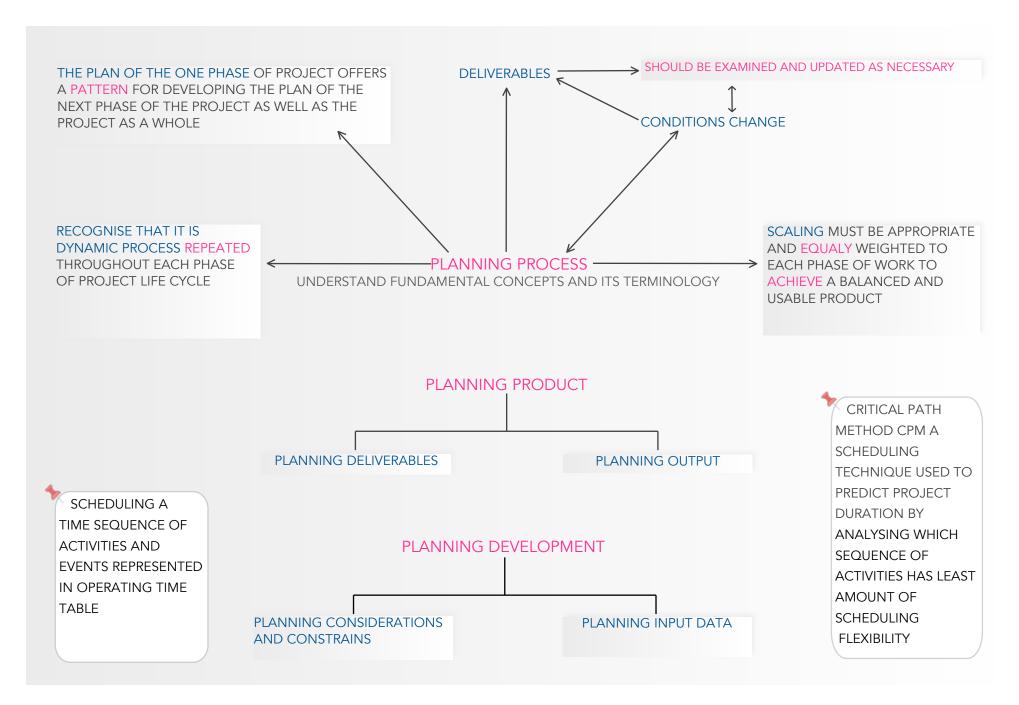


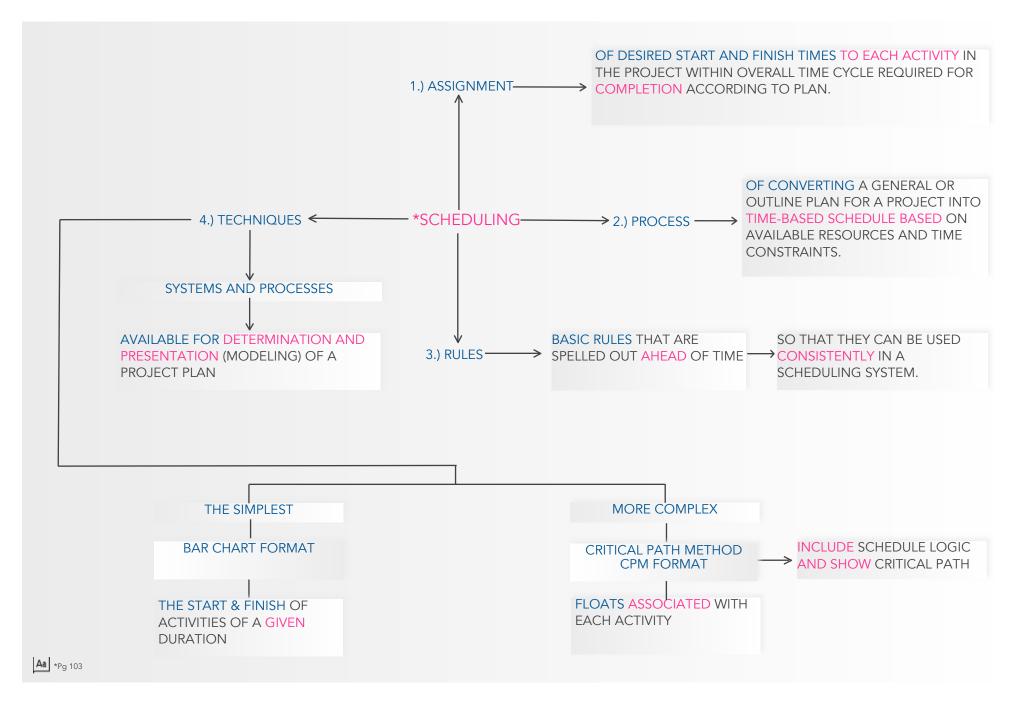












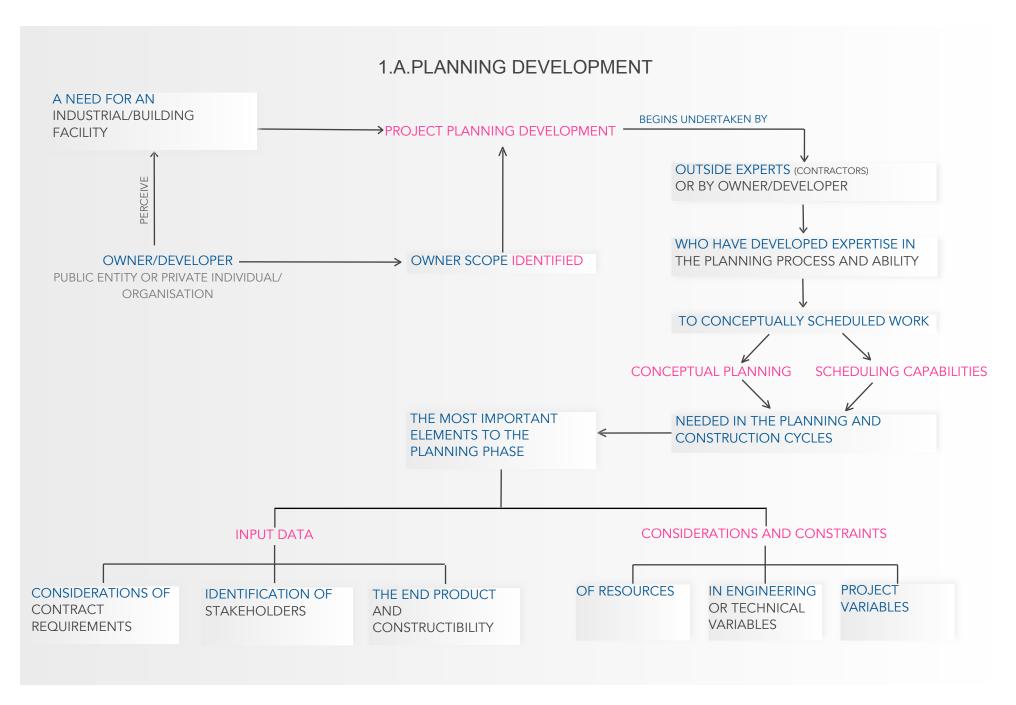


PLANNING

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CONSIDERATIONS AND CONSTRAINTS

REVIEWED IN CYCLICAL PROCESS
IDENTIFIES THE ALTERNATIVES
REVIEWED BY VARIOUS STAKEHOLDERS,
SO THAT APPROPRIATE DECISION
OPTIMALLY SATISFY THE INTERESTS OF
THE PARTIES AND THE GOALS OF THE
PROJECT.

PLANNING DEVELOPMENT FIVE BASICS STEPS

WHAT? THE PHYSICAL FEATURES AND PROJECT OBJECTIVES SCOPE.

HOW? WORK BREAKDOWN STRUCTURE OR WBS

WHO? RESOURCE COMMITMENTS AND ORGANISATION BREAKDOWN STRUCTURE OR OBS

WHEN? TIMELINE INITIALLY AND THEN THE

SCHEDULE LATER IN THE

PLANNING PROCESS.

PLANNING IS

HOW MUCH? BUDGET ESTIMATE | CONCEPTUAL,

DYNAMIC

PLANNERS RESPONSIBILITIES

COMMUNICATION RECOGNITION

OF THE CYCLICAL AND ITERATIVE

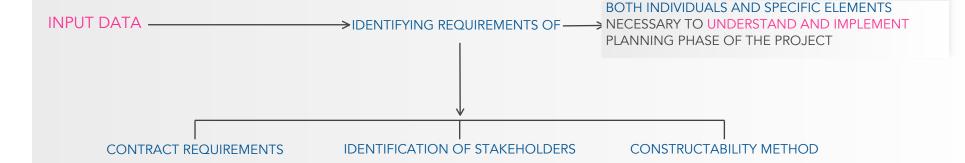
NATURE OF THE PLANNING

PROCESS

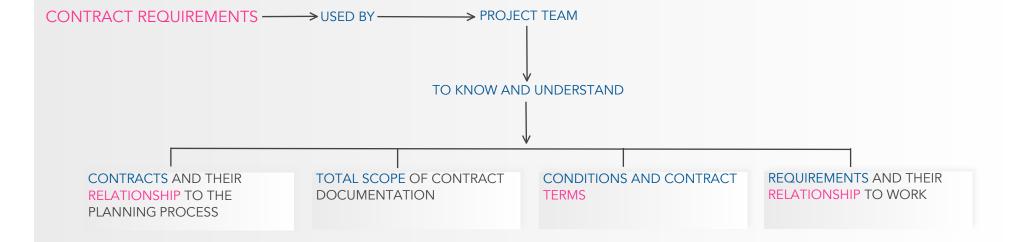
OPEN - MINDEDNESS

LEAD TO IDENTIFICATION OF
THE MOST APPROPRIATE CONCEPTS
FOR PROJECT COMPLETION & SUCCESS

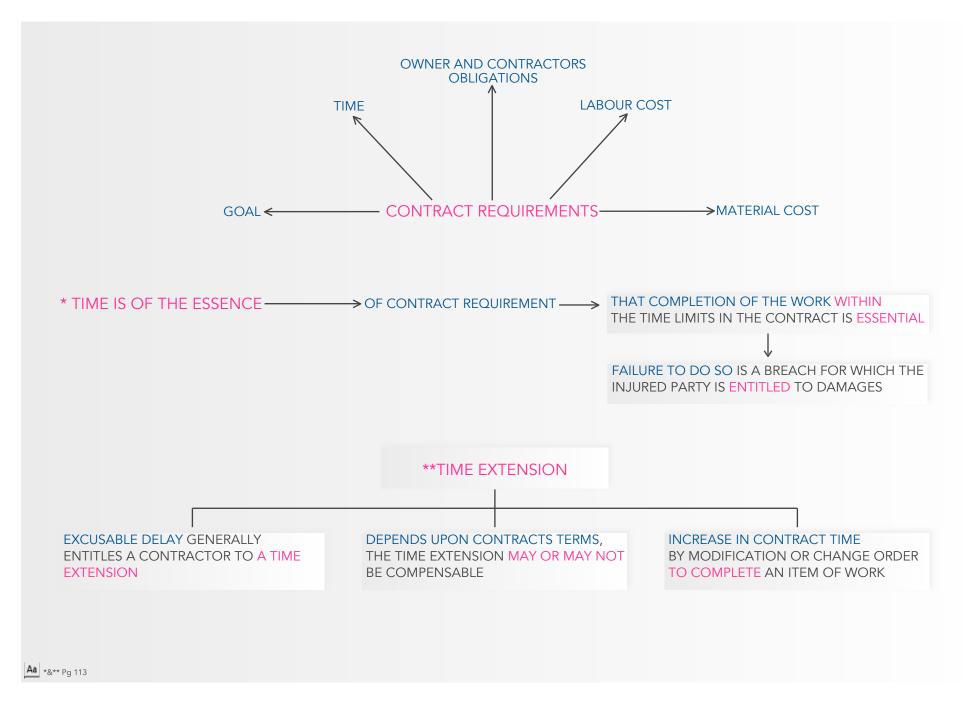
1.1. INPUT DATA

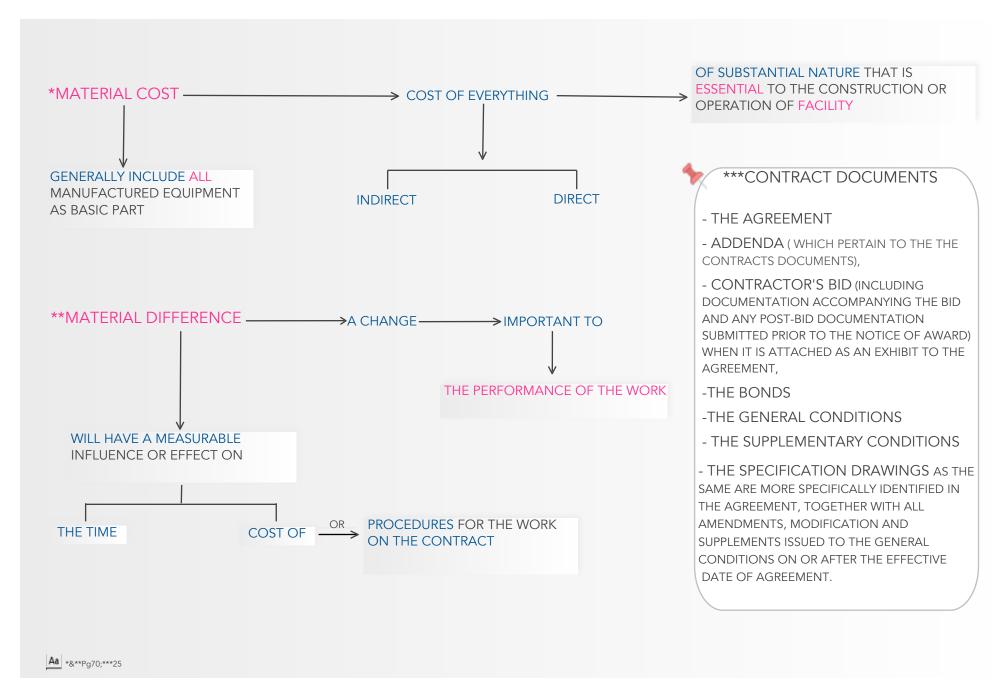


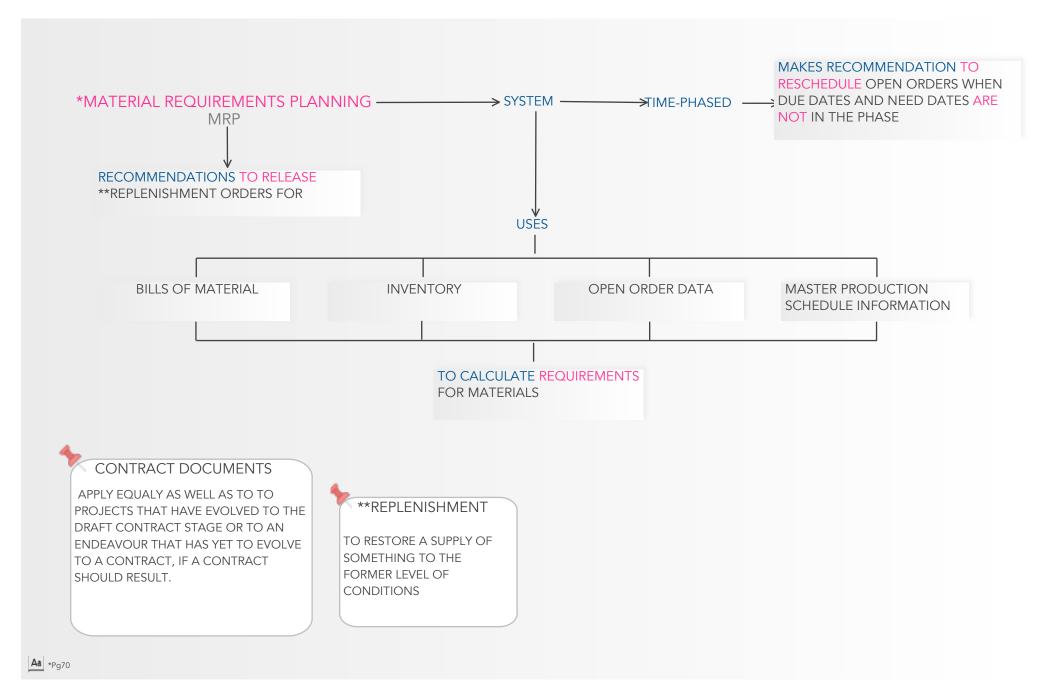
1.1.1.CONTRACT REQUIREMENTS

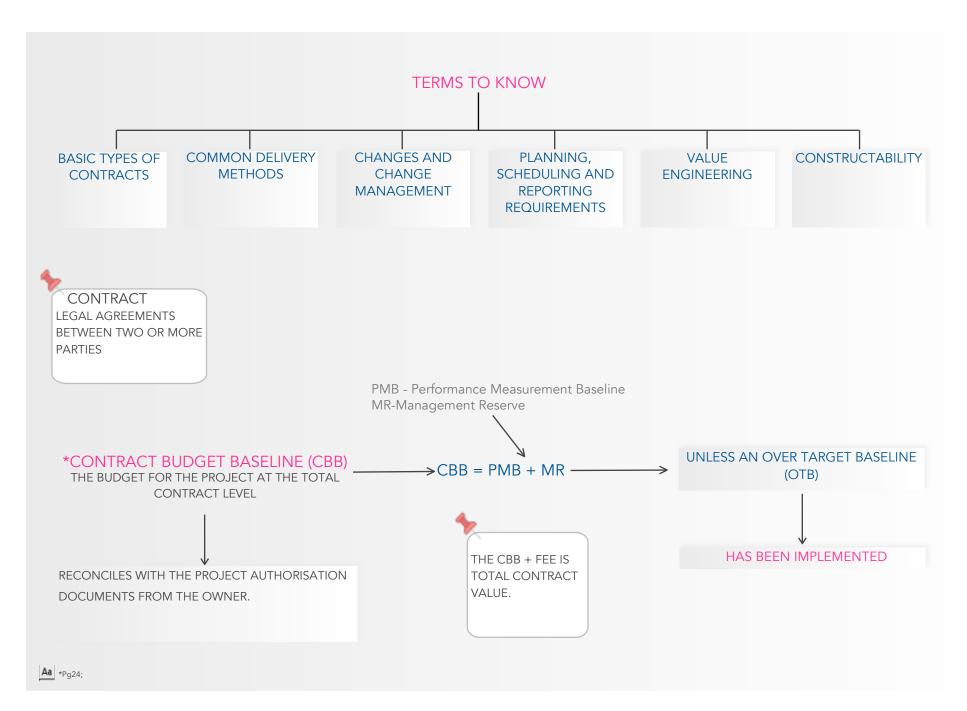


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*PERFORMANCE MEASUREMENT **BASELINE (PMB)**

1.) THE TIME-PHASED BUDGET PLAN AGAINST WHICH CONTRACT PERFORMANCE IS MEASURED.

2.) IN EARNED VALUE MANAGEMENT ACCORDING TO THE ANSI EIA 748 STANDARD. THE ASSIGNMENT OF BUDGET TO SCHEDULED SEGMENTS OF WORK PRODUCE A PLAN AGAINST WHICH ACTUAL PERFORMANCE CAN BE COMPARED.

 TIME BASED PROJECT EXECUTION PLAN AGAINST WHICH PERFORMANCE IS MEASURED.

INCLUDES DIRECT AND INDIRECT COSTS AND ALL

COST ELEMENTS, IT ALSO CONTAINS UNDISTRIBUTED BUDGET.

**MANAGEMENT RESERVE (MR)

1.) AN AMOUNT ADDED TO ESTIMATE TO ALLOW FOR DISCRETIONARY MANAGEMENT PURPOSES OUTSIDE OF THE DEFINED SCOPE OF THE PROJECT, AS OTHERWISE ESTIMATED.

MAY INCLUDE AMONTS THAT ARE WITHIN THE DEFINED SCOPE, BUT FOR WHICH MANAGEMENT DOES NOT WANT TO FOUND AS CONTINGENCY OR THAT CAN NOT BE EFFECTIVELY MANAGED USING CONTINGENCY.

**MANAGEMENT RESERVE (MR) 2.) IN EARNED VALUE MANAGEMENT ACCORDING TO THE ANSI EIA 748 STANDARD AN AMOUNT HELD OUTSIDE PMB TO HANDLE UNKNOWN CONTINGENCY AT THE TOTAL PROGRAM LEVEL.

HAS NO SCOPE, IS NOT IDENTIFIED TO SPECIFIC RISKS, AND IS NOT TIME BASED. IT IS NOT ESTIMATED OR NEGOTIATED AND IS CREATED IN THE BUDGET DEVELOPMENT **PROCESS**

***OVERTARGET BASELINE

IN EARNED VALUE MANAGEMENT ACCORDING TO THE ANSI EIA 748 STANDARD. UNDER THE UNUSAL CIRCUMSTANCES A PMB MAY NO LONGE BE REASONABLE FOR PERFORMANCE MEASUREMENT.

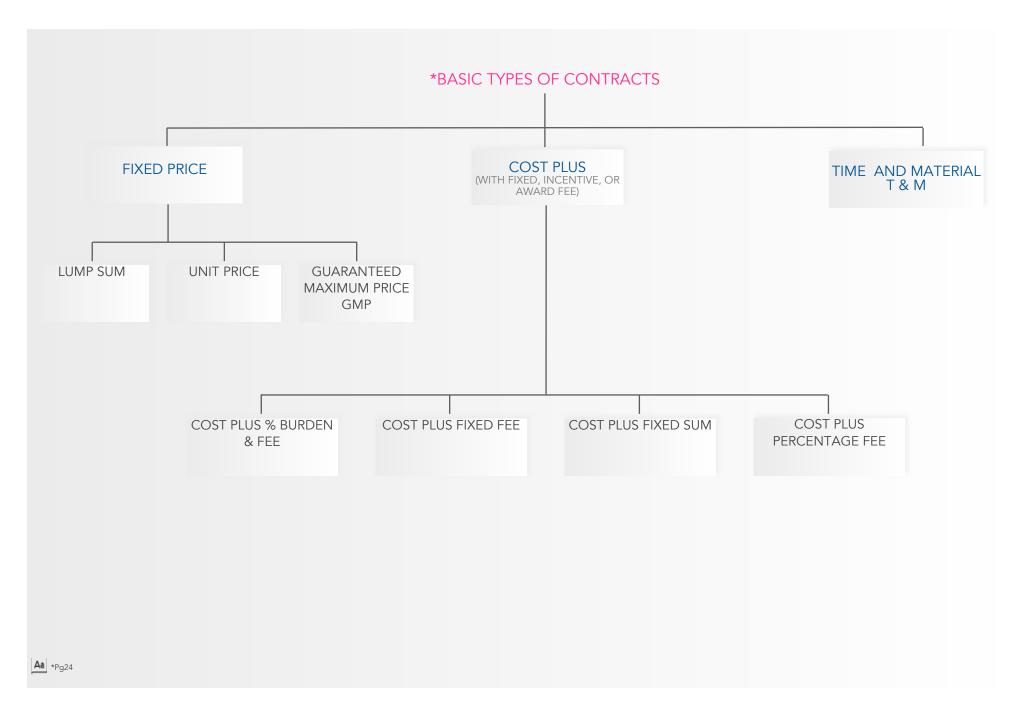
WHEN THERE IS A SIGNIFICANT DIFFERENCE BETWEEN "ESTIMATE AT COMPLETION" (EAC) AND "BUDGET AT COMPLETION" (BAC) AT THE TOTAL PROJECT LEVEL

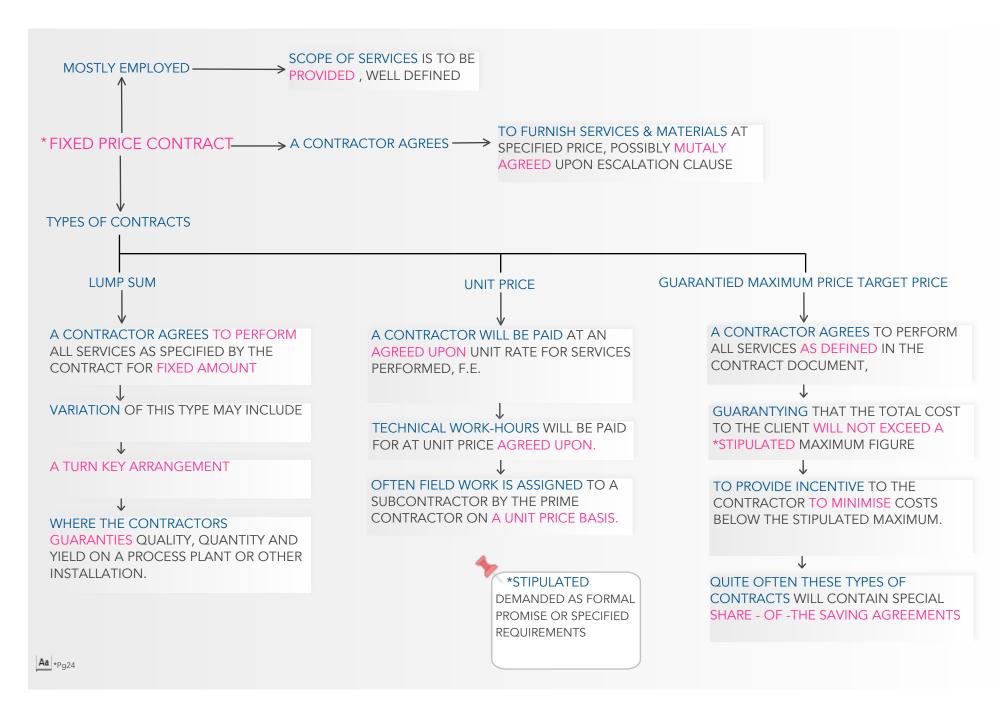
AN OTB IS INTRODUCED WHEN "THE ESTIMATE TO COMPLETE" (ETC) IS PLANNED FOR TH FUTURE AS BASELINE. RESULTING IN PMB VALUE THAT MAY EXCEED THE CBB.

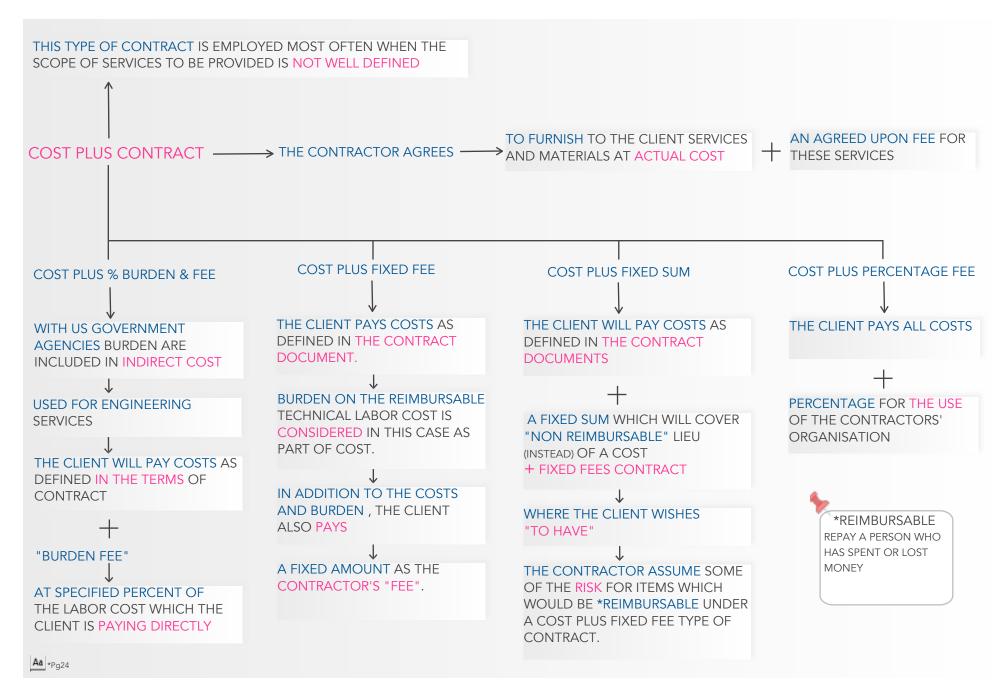
MAY BE IN CONJUNCTION WITH AN **OVER TRAGET SCHEDULE (OTS)** AND/OR A SINGLE POINT **ADJUSTMENT**

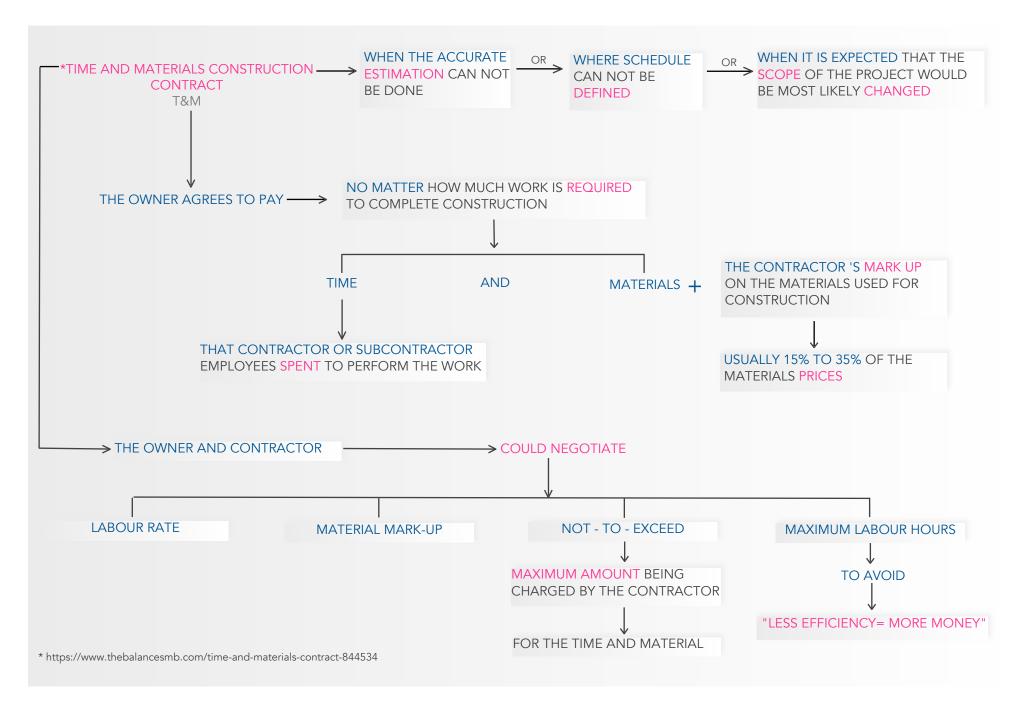
Aa *Pg80; **Pg68; ***Pg77

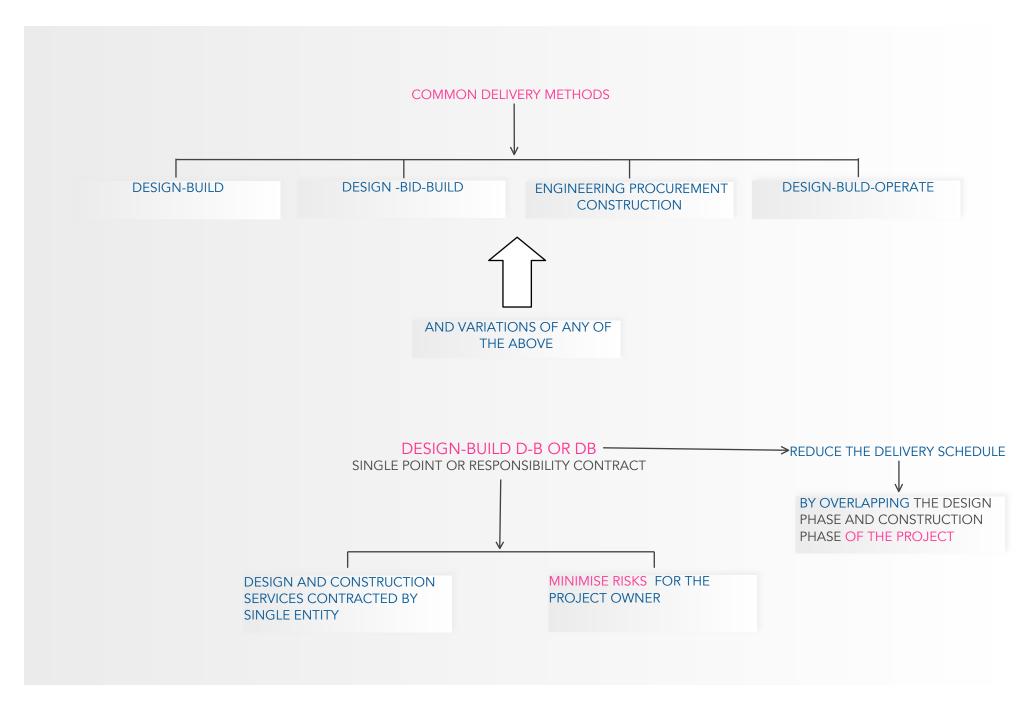
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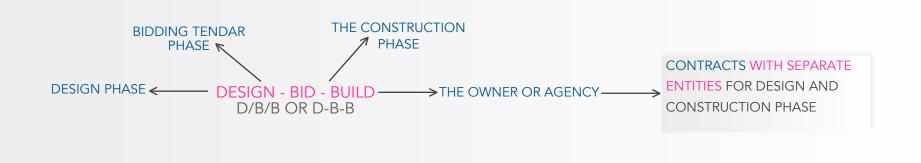


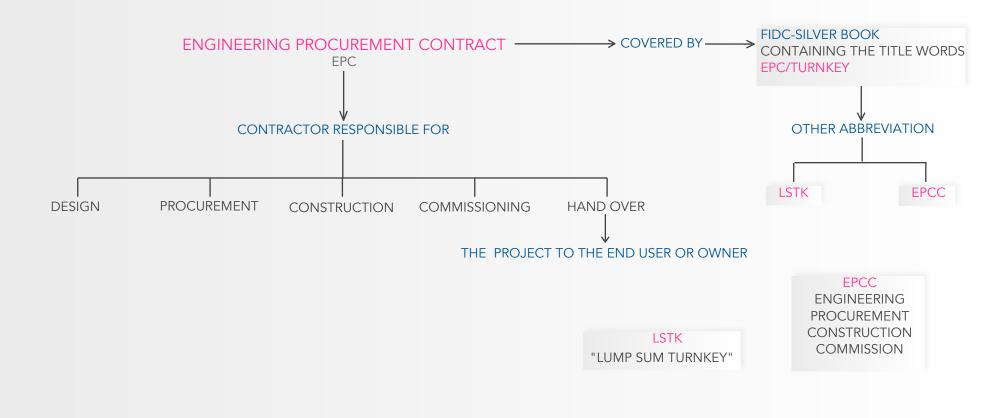




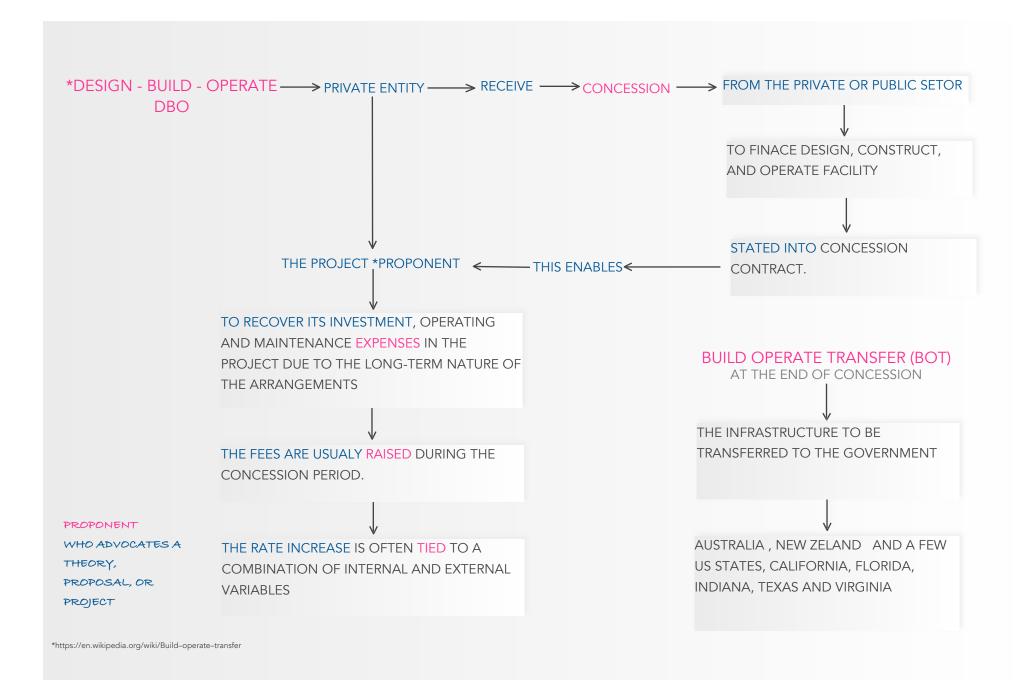




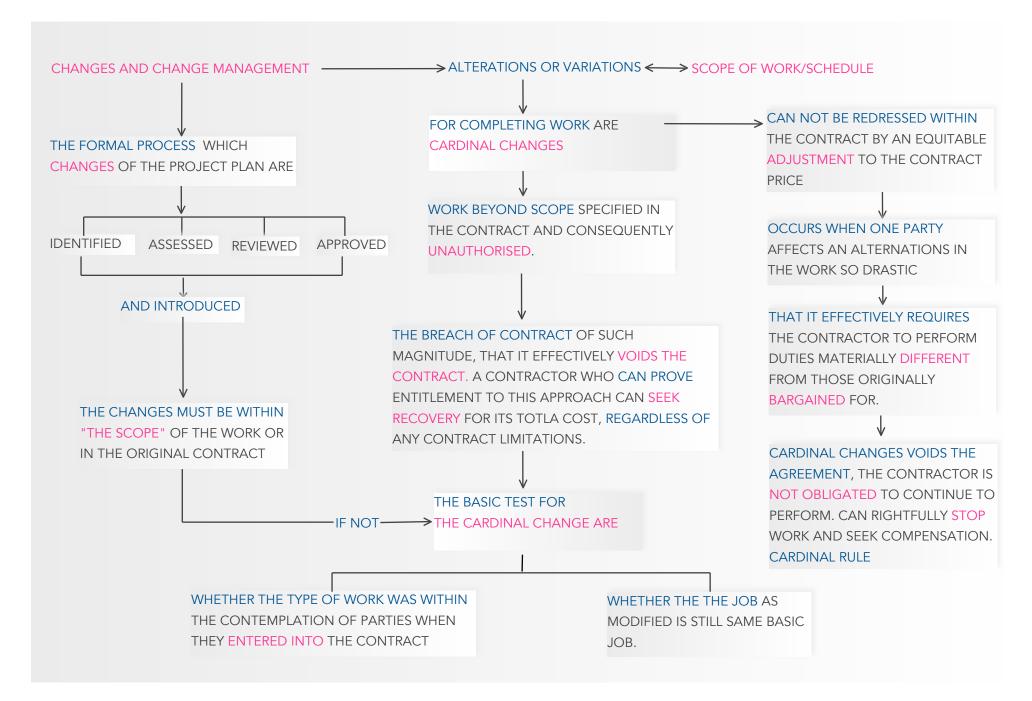




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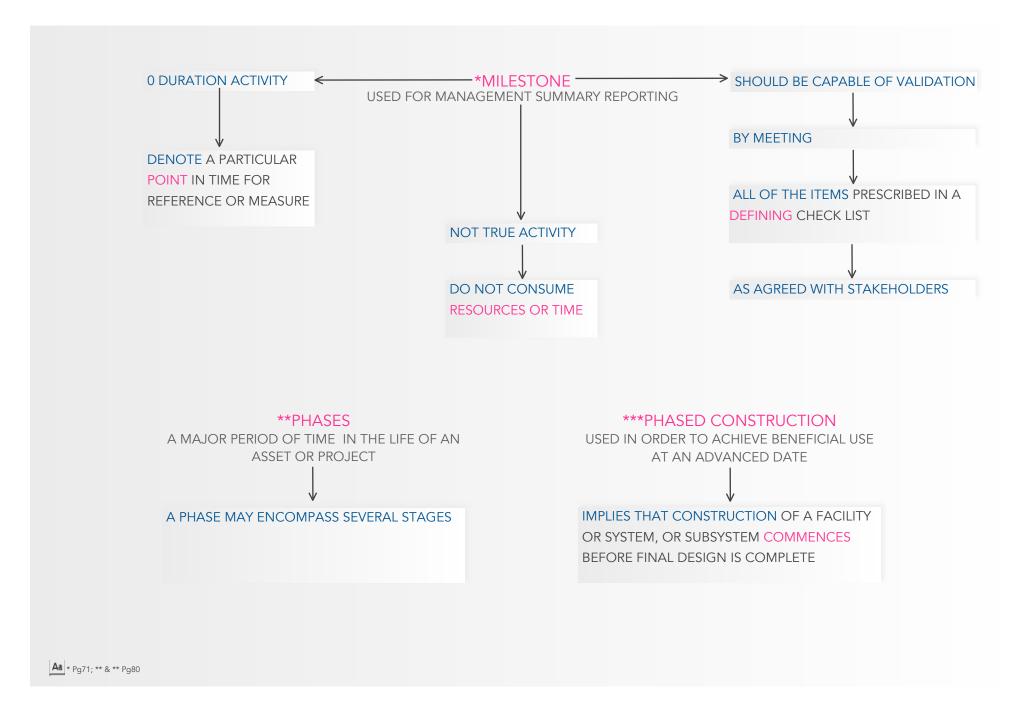


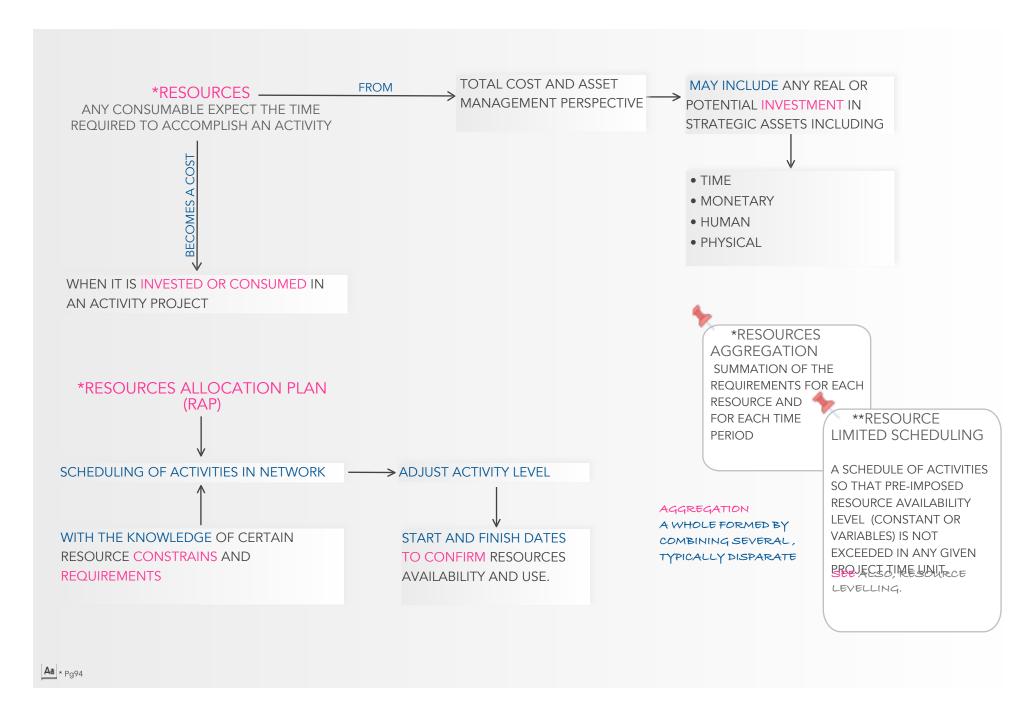
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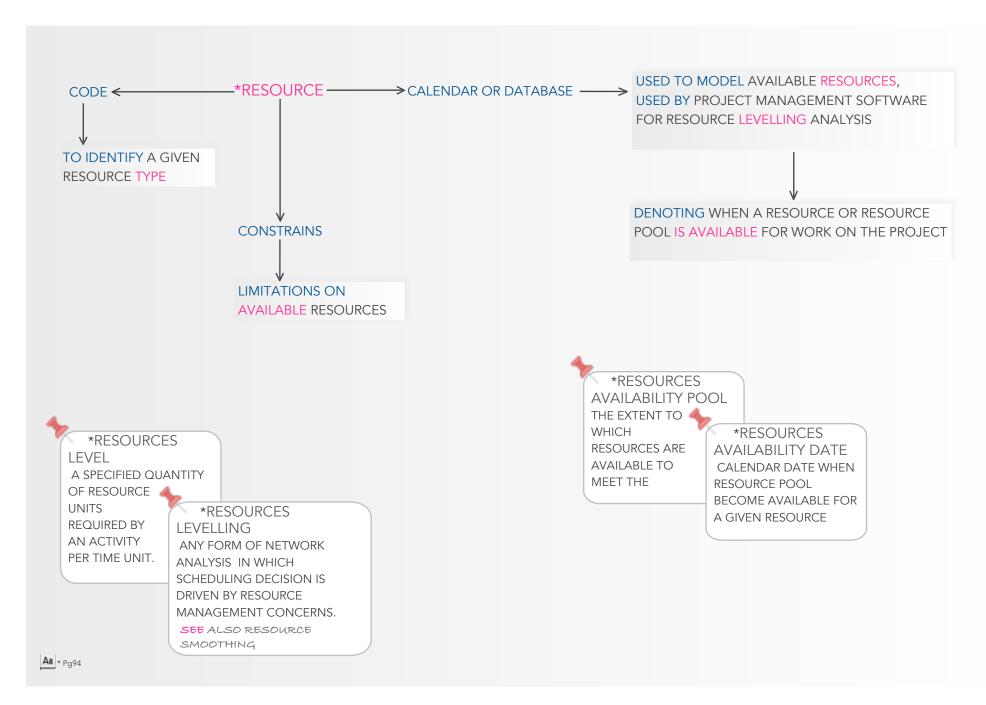


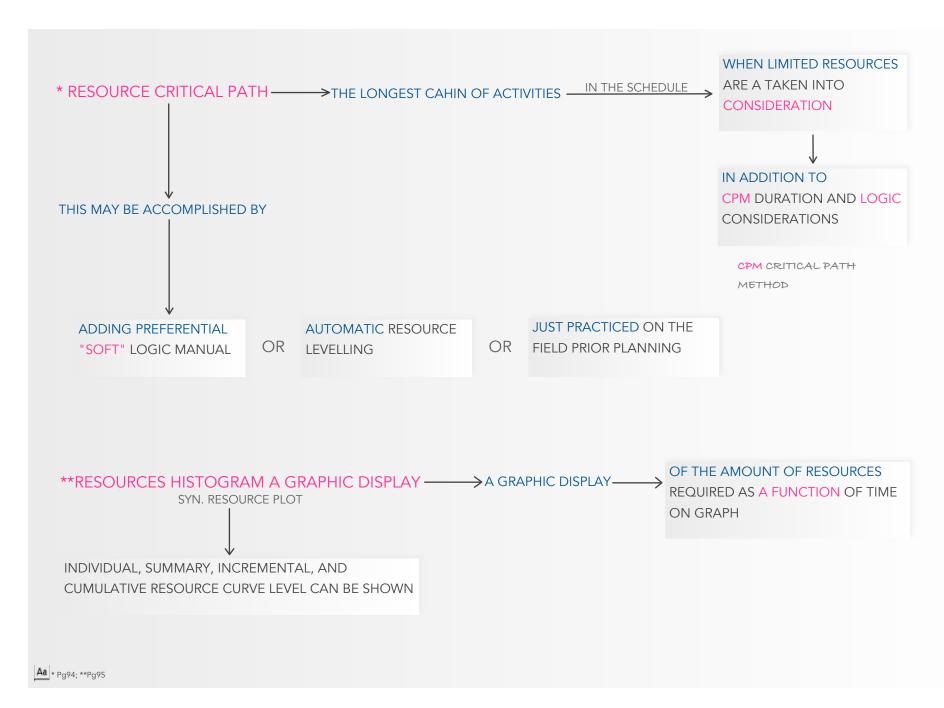
PLANNING AND SCHEDULING CONTRACT REQUIREMENTS

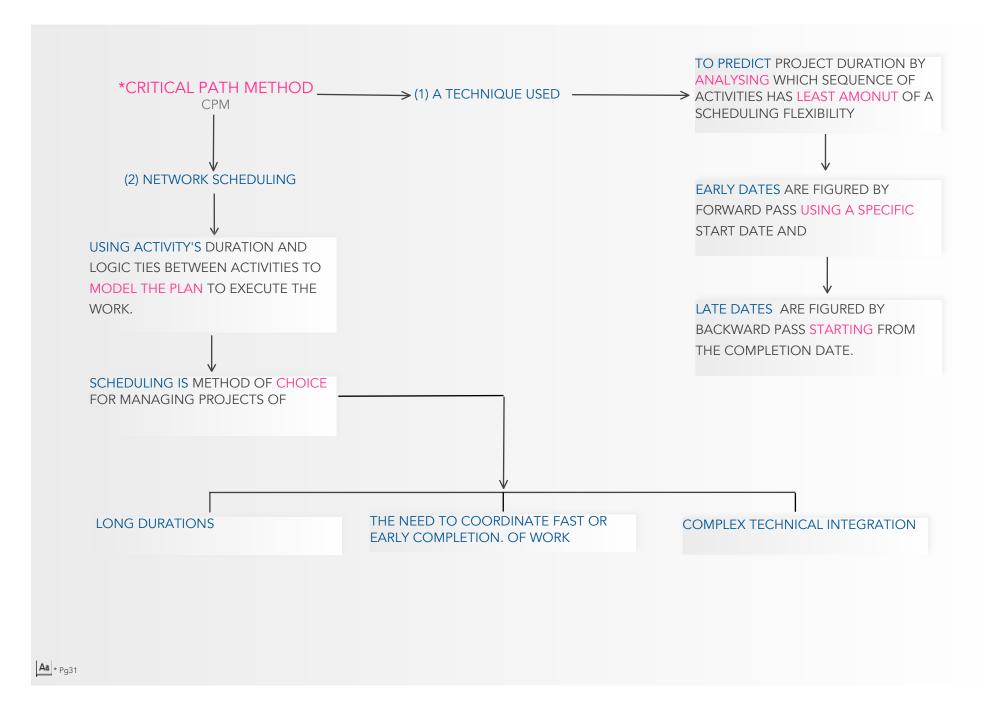
NOTICE TO MILESTONES **PHASES RESOURCES** COSTING SUBSTANTIAL **PROJECT** PROCEED (NTP) COMPLETION **COMPLETION** AUTHORISES ONLY LIMITED AREAS **OF A PROGRAM OR PROJECT** A FORMAL NOTIFICATION TO BEGIN WITHIN STARTED **BOUNDARIES IN ANTICIPATION OF** TO A CONTRACTOR OR SUPPLIER A SUBSEQUENT NTP REQUESTING THE START OF THE WORK OR DEFINED PHASE OF WORK

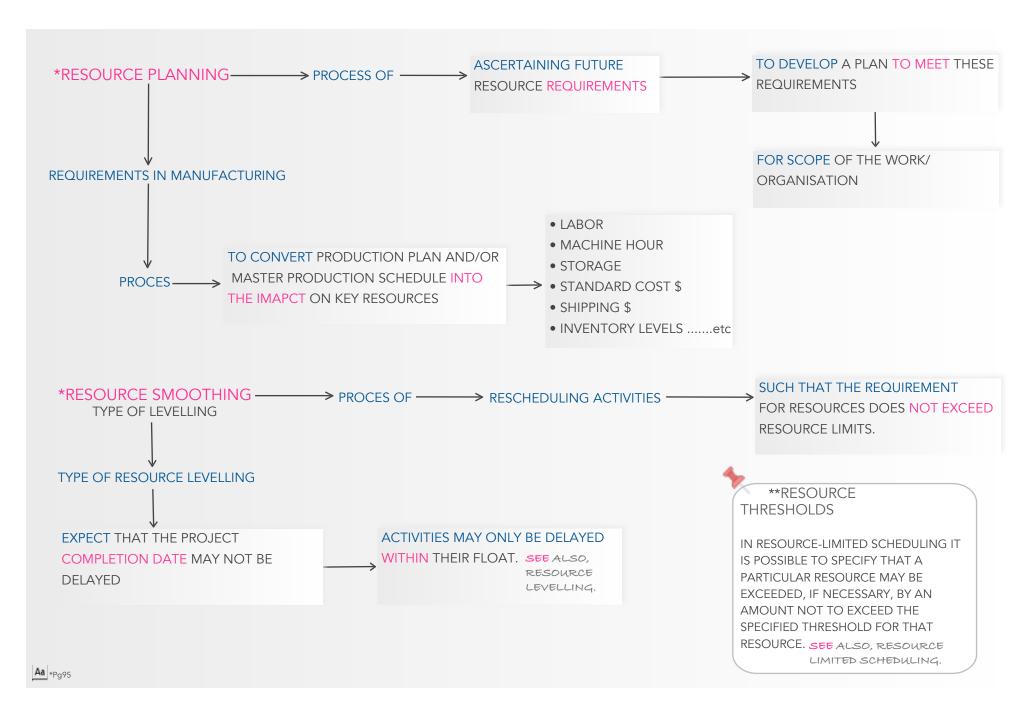


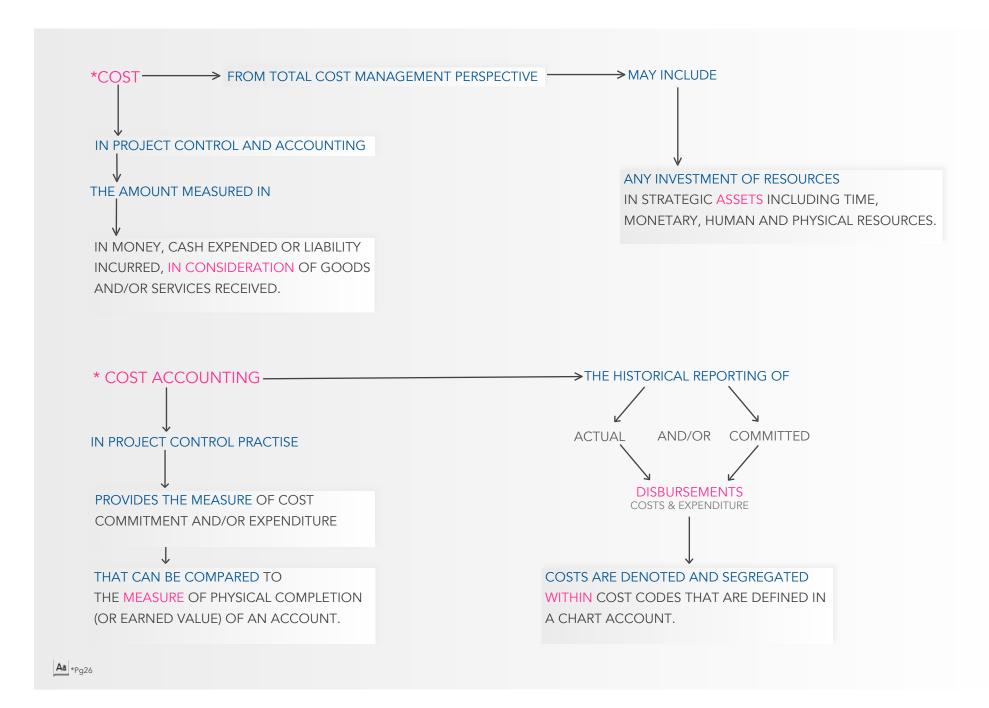


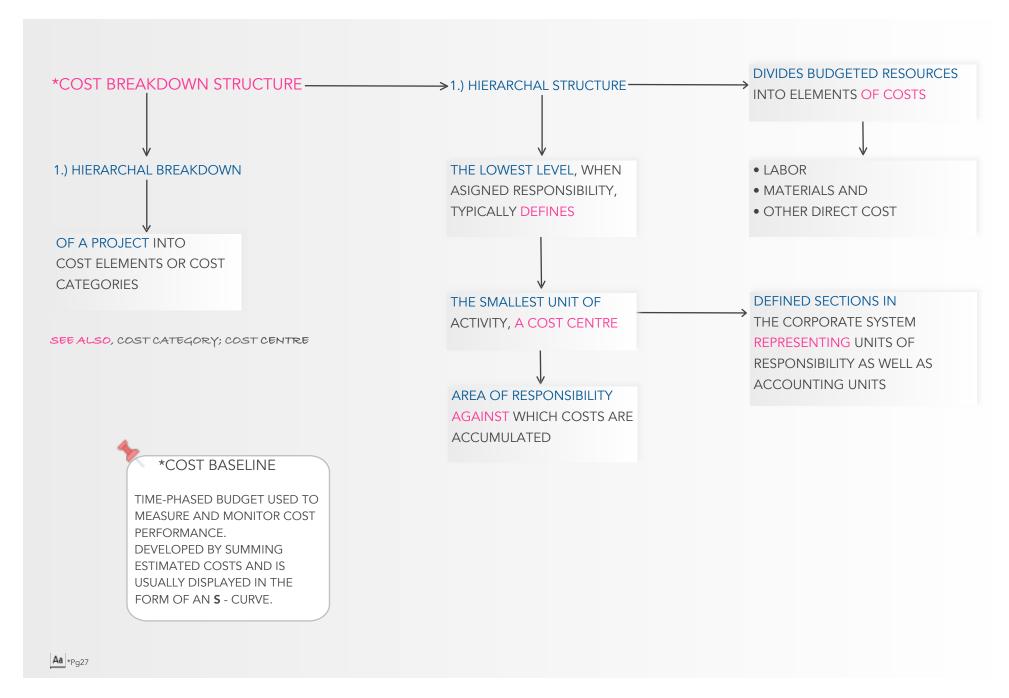


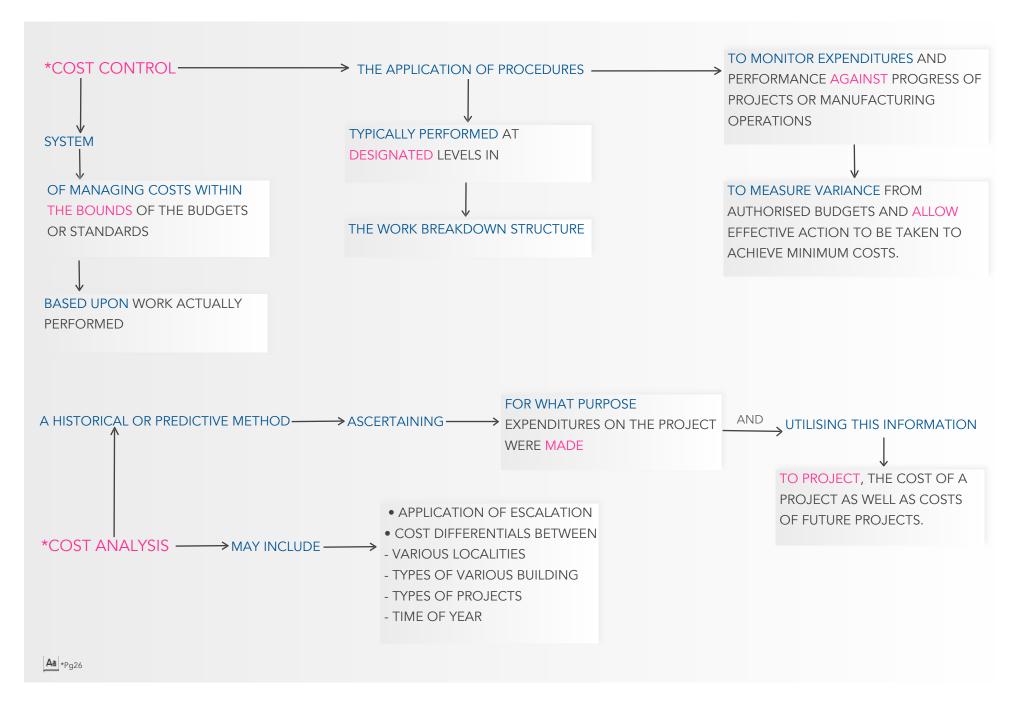


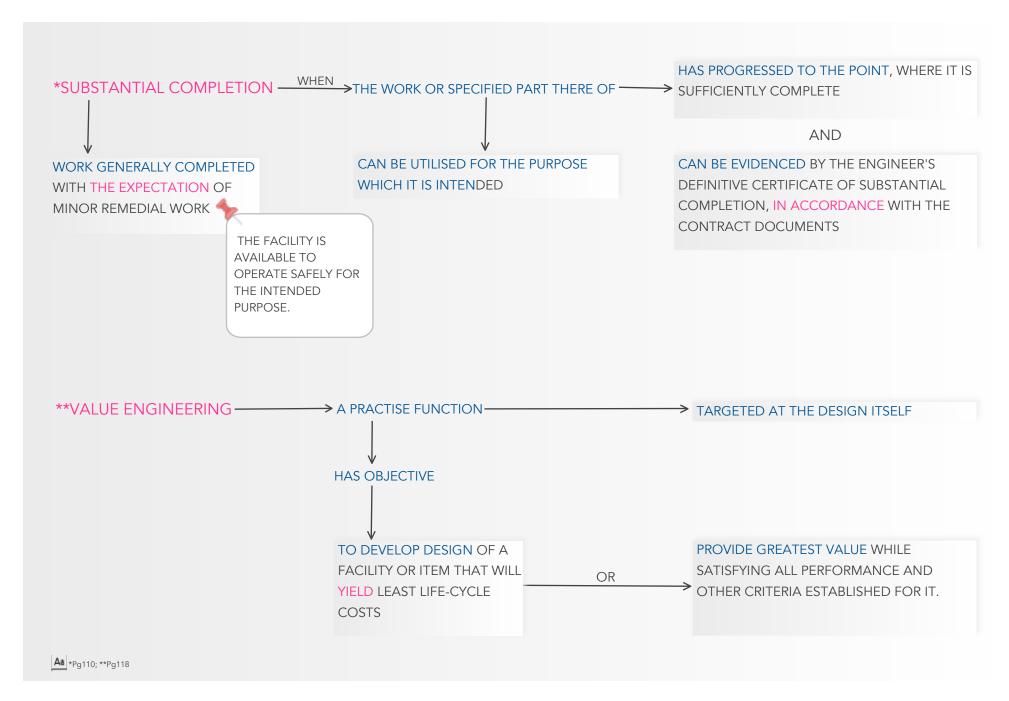


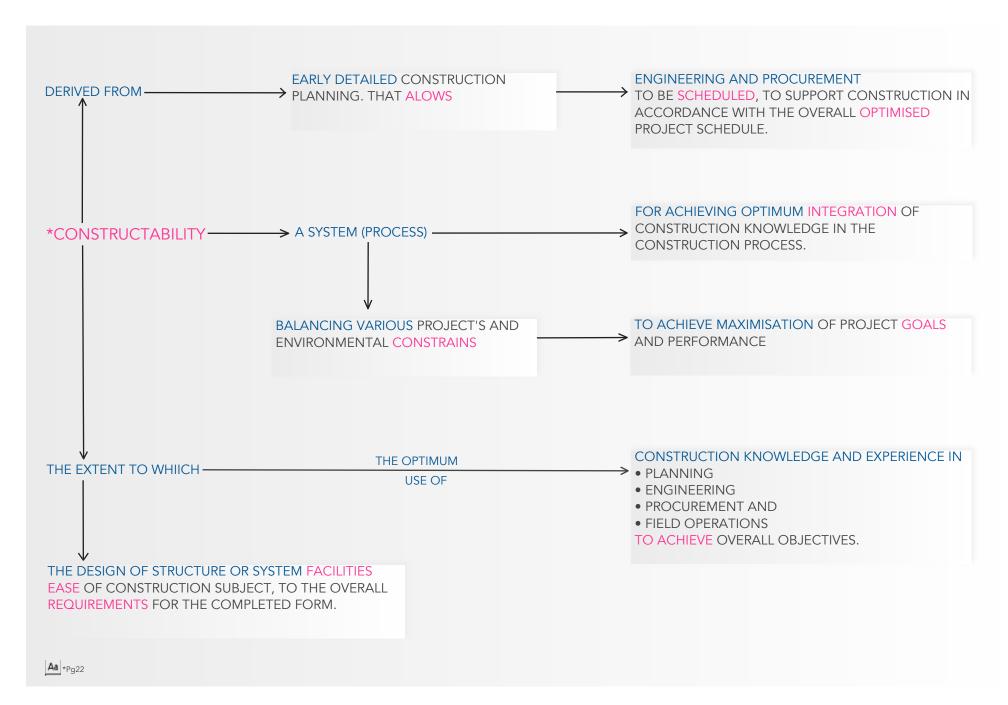




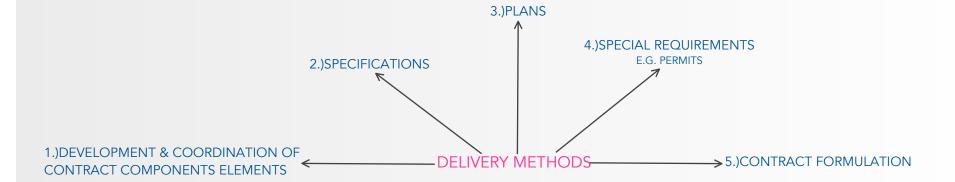






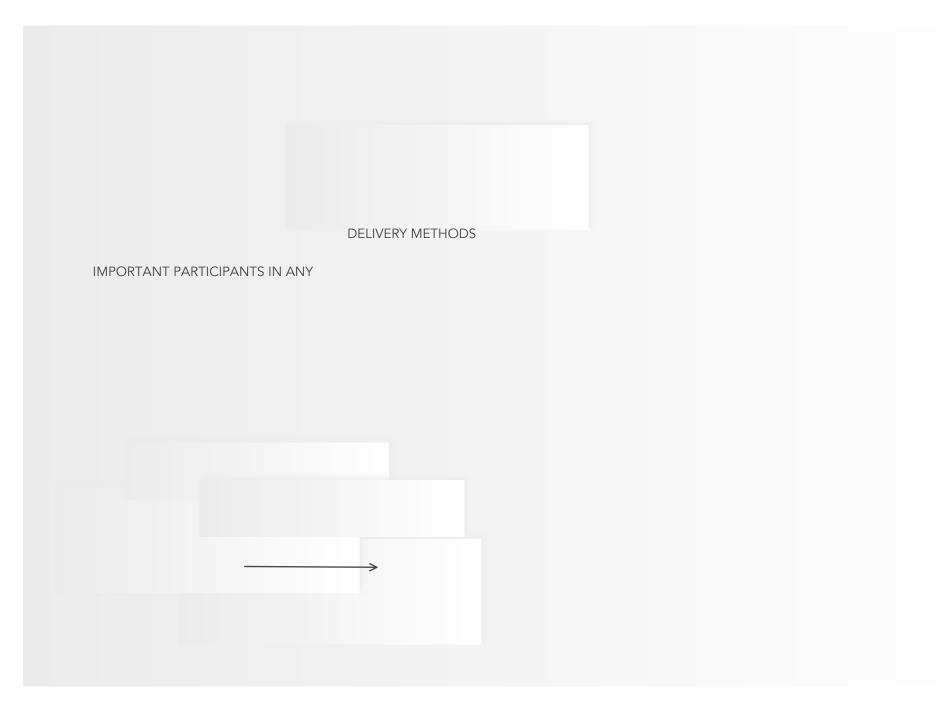


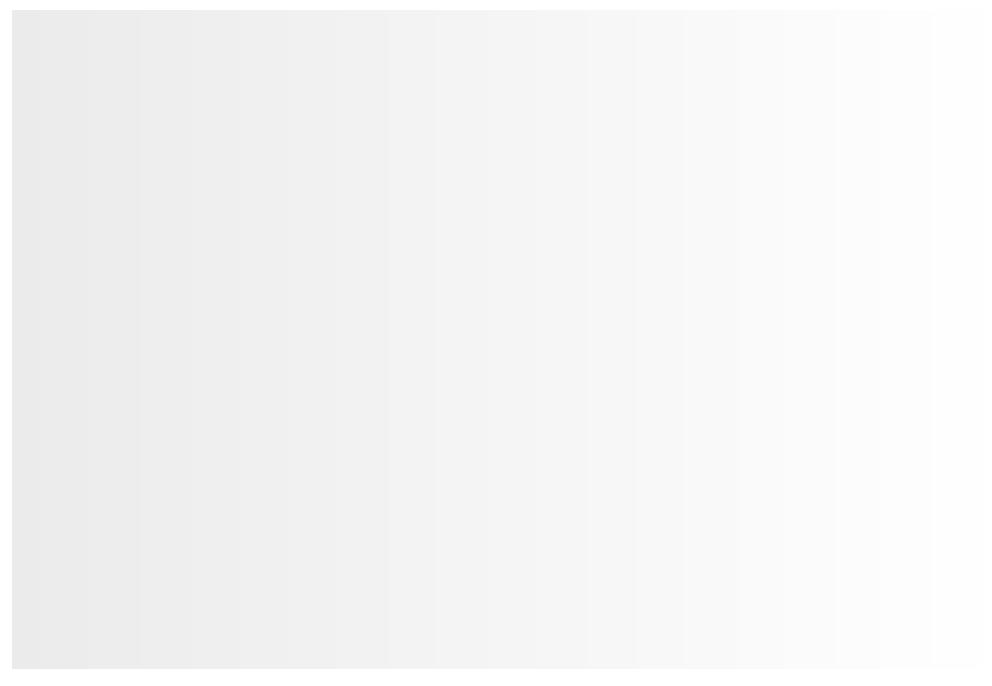
KEY POINTS TO REVIEW

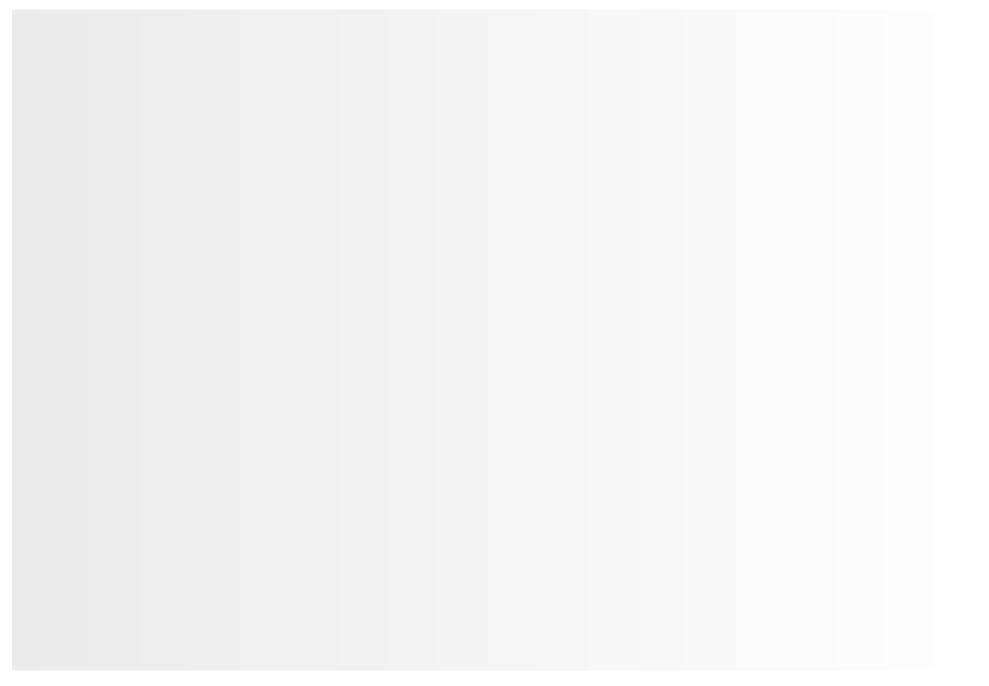


*CONTRACT TYPES
DESCRIBES THE FINANCIAL TERM OF
RELATIONSHIP BETWEEN AN OWNER
AND A CONTRACTOR, WHILE THE
DELIVERY METHODS DESCRIBES
THE METHOD OF MANAGEMENT THE
CONTRACTOR WILL USE TO PERFORM
THE WORK.

* MILESTONES ARE
INTERIM COMPLETION DATES THAT
ARE EITHER CONTRACT DRIVEN OR
CONTRACT SELF-IMPOSED TO
MEASURE THE PROGRESS OR
TRIGGER SUBSEQUENT WORK
ACTIVITIES. THEIR ACHIEVEMENT
MAY EARN PROGRESS PAYMENT
FOR THE CONTRACTOR.







ABBREVIATIONS LIST PSP - PLANNING AND SCHEDULING PROFESSIONAL