

# CONSTRUCTION WORK ON MHI SITES

By: Mr H Ganesen – Department of Labour - Deputy Director  
Construction Specialist – Head Office - Pretoria

2019/10/09



# Introduction - Construction Life Cycle

SACPCMP	SACAP	SACLAP	SACQSP	ECSA	SACPVP
PM/CMP/Pr CHSA/PrCHS M/CHSO	Architects	Landscape Architects	Quantity Surveyors	Engineers	Property Valuers

- Stage 1 – Project Initiation and Briefing
- Stage 2 – Concept and Feasibility
- Stage 3 – Design Development
- Stage 4 – Tender Documentation and Procurement
- Stage 5 – Construction Documentation and Management
- Stage 6 – Project Close – Out

# Notification of Construction Work

- Annexure 1 – Application for a permit
- Annexure 2 – 7 day notification

\*MHI sites are not exempted from Annexure 2!!!

# Construction Work

- Means any work\* in connection with –
  - (a) The construction, erection, alteration, renovation, repair, demolition or dismantling of or addition to a **building** or any similar **structure**
  - (b) The construction, erection, alteration, renovation, repair, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system; or the moving of earth, clearing of land, the making of **excavation**, piling, or any similar civil engineering structure or type of work

# Building – OHSA definition

- (a) Any structure attached to the soil;
- (b) Any building or such structure or part thereof which is in the process of being erected;
- (c) Any prefabricated building or structure not attached to the soil;

# Definition of Structure

(a,b,c)

(a) Any building, steel or reinforced concrete structure (not being a building), railway line or siding, bridge, water-works, reservoir, **pipe or pipeline**, cable, sewer, sewage works, fixed vessels, road, drainage works, earthworks, dam, wall, mast, tower, tower crane, bulk mixing plant, pylon, **surface and underground tanks**, earth retaining structure or any structure designed to preserve or alter any natural feature, and any other similar structure

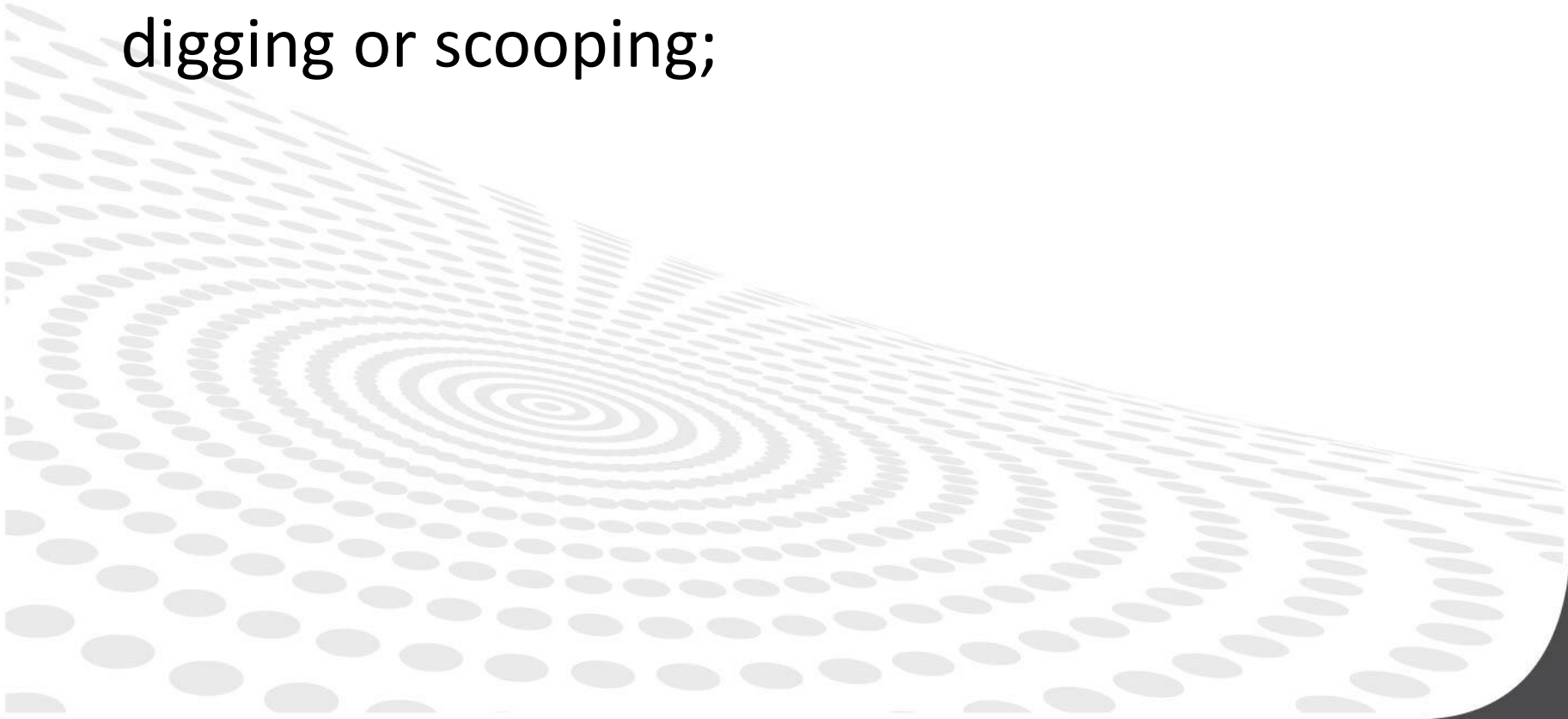
# Definition of Structure (b,c)

(b) Any false work, scaffold or other structures designed or used to provide support or means of access during construction work; or

(c) Any fixed plant\* in respect of construction work which includes installation, commissioning, decommissioning or dismantling and where any construction work involves the risk of falling

# Excavation

- Means the making of any man-made cavity, trench, pit or depression formed by cutting, digging or scooping;





# 4 Important Documents

1. Client's Baseline Risk Assessment
2. Client's Health and Safety Specifications
3. Contractor Health and Safety Plan
4. Designer's Report on:
  - (a) *H&S info*
  - (b) *Geotechnical aspects*
  - (c) *Loading*

# Construction Regulations [CR] applicable on MHI sites

- CR 13(2)(g)

“ A contractor who performs excavation work must ascertain, as far as reasonable practicable, the location and nature of electricity, water, gas or other similar services which may in any way be affected by the work to be performed, and must before the commencement of the excavation work that may affect any such service, take the steps that are necessary to render the circumstances safe for all persons involved “

# Conclusion

## SECTION 8 of OHSA

- Wayleave Application
  - Service connections (electricity, water, sewer, telecommunications cables)
  - Trenching to repair existing or to install new infrastructure
  - Construction of Buildings
  - Driveway Entrances
  - Road Construction

***Note: Servitudes Area - Jurisdiction***



**Thank You...**