ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN FOR THE PROPOSED CONSTRUCTION OF METEROLOGICAL OFFICE BUILDING AND RADAR SYSTEM IN GAN INTERNATIONAL AIRPORT

Proposed by: Ministry of Climate Change, Environment and Energy
Prepared by: Hamdhoon Mohamed (EIA(A)P03/2017)

MAY 2026

بسم الله الرحمن الرحيم

Environmental Regulatory Authority
ފަރުވާތެރިކަމާ ގުޅޭ ބާރުދޫކުރާ ދާއިރާ

ތިމާވެށި ތަކެއް ހަދާ ފުރަތަމަ ބަދަލު ހިންގުމުގެ ބަޔާން ހަގީގީ ގޮތަށް ބަލައިގަތުން

APPROVAL OF ENVIRONMENTAL IMPACT ASSESSMENT

Number: 203-ECA/1139/2026/16 :ނަންބަރު

ތިމާވެށި ތަކެއް ހަދާ ފުރަތަމަ ބަދަލު ހިންގުމުގެ ބަޔާން ހ. ގަދުގަރ ދޮށ ދިވެހި ރާއްޖެ ސަރުކާރުގެ ފަރާތުން ފާސްކުރެވުނު ގަޑީ ހަމަވާ ދުވަހުން ފެށިގެން ދެ ހަފްތާ ތެރޭ ގައި ދަށ ކުރެވޭ ގޮތަށް ދަންނަވަމެވ. ތިމާވެށި ތަކެއް ހަދާ ފުރަތަމަ ބަދަލު ހިންގުމުގެ ބަޔާން ހ. ގަދުގަރ ދޮށ ދިވެހި ރާއްޖެ ސަރުކާރުގެ ފަރާތުން ފާސްކުރެވުނު ގަޑީ ހަމަވާ ދުވަހުން ފެށިގެން ދެ ހަފްތާ ތެރޭ ގައި ދަށ ކުރެވޭ ގޮތަށް ދަންނަވަމެވ.

This Environmental Decision Statement is issued for the purpose of communicating the decision regarding the ***Environmental Management Plan for the Proposed Construction of Meteorological Office Building and Radar System in Gan International Airport,*** *which was submitted for evaluation on* ***13 May 2026,*** *and submitted additional information on* ***3 June 2026*** *by the* ***Ministry of Climate Change, Environment and Energy****. The consultant of this project is* ***Mr. Hamdhoon Mohamed (EIA-P(A)03/2017).***

1. This Environmental Decision Statement has been issued on behalf of the Environmental Regulatory Authority (hereinafter referred to as the Ministry) pursuant to the Environmental Impact Assessment Regulations 2012 (2012/R-27) to advise that the Ministry has decided that the proposed Development Proposal can proceed according to the Environmental Impact Assessment Report.

1. ތިމާވެށި ތަކެއް ހަދާ ފުރަތަމަ ބަދަލު ހިންގުމުގެ ބަޔާން ހަގީގީ ގޮތަށް ބަލައިގަތުމަށް ފަރުވާތެރިކަމާ ގުޅޭ ބާރުދޫކުރާ ދާއިރާ (ތ. ތިމާވެށި ތަކެއް ހަދާ ފުރަތަމަ ބަދަލު ހިންގުމުގެ ބަޔާން ހަގީގީ ގޮތަށް ބަލައިގަތުމުގެ ގަވާއިދު 2012 ގެ ދަށުން (ތ. ތިމާވެށި ތަކެއް ހަދާ ފުރަތަމަ ބަދަލު ހިންގުމުގެ ބަޔާން ހަގީގީ ގޮތަށް ބަލައިގަތުމުގެ ގަވާއިދު 2012 (2012/R-27)) ގެ ދަށުން ތިމާވެށި ތަކެއް ހަދާ ފުރަތަމަ ބަދަލު ހިންގުމުގެ ބަޔާން ހ. ގަދުގަރ ދޮށ ދިވެހި ރާއްޖެ ސަރުކާރުގެ ފަރާތުން ފާސްކުރެވުނު ގަޑީ ހަމަވާ ދުވަހުން ފެށިގެން ދެ ހަފްތާ ތެރޭ ގައި ދަށ ކުރެވޭ ގޮތަށް ދަންނަވަމެވ.

2. The decision has been made by the Ministry on the following conditions:

2. ދ ހުށަހަ ދިނުމުގެ ތެރެއިން ތިރީގައި ބަޔާން ކުރާ ޝަރުޠުތަކުގެ ދަށުން:

i. In the event the project activity has not commenced within one (1) year from the date of issue, or if the duration of this Environmental Decision Statement has not been extended, this Environmental Decision Statement shall be considered null and void. In order to extend the duration of this Environmental Decision Statement, the Proponent shall write to the Minister for an extension according to clause 14 of the Environmental Impact Assessment Regulation 2012.

i. ތަންފީޒުކުރާ ހަރަކާތް ފެށުމަށް ދެއްވި ތާރީޚުން ފެށިގެން 1 (އެއް) ހަފްތާ ތެރޭގައި ތަންފީޒުކުރާ ކަންކަމުގެ ދާއިރާ ބަދަލުކުރުމަށް ނުވަތަ

iii. The Minister, or his designate, may issue a cessation order requiring persons working on a Development Proposal to cease working until the order is withdrawn, if:

a) This Environmental Decision Statement has been withdrawn or;

b) There has been a breach of the conditions of this Environmental Decision Statement.

iii. ތިޔަސް ވެދިގެންވާ ކަންތައް ކުރުމުގައި ކަންކަމުގެ ދަށުން ތިބި ފަރާތްތަކަށް ކަންކަން ކުރުން ހުއްޓާ ލެއްވުމަށް ވަނަ ލިޔުން ދިނުމުގެ ބާރު ތިއްބަވާ ރައީސް ނުވަތަ ރައީސް ކަލާ ހަވާލުވެ ތިބި ފަރާތަކަށް ލިޔުން ދިނުމުގެ ބާރު ލިބިގެންވާ ފަރާތަކަށް ހުއްޓާ ލެއްވުމ

vi. The Developer is aware that under the National Environment Protection Act (Law no. 4/93) and the Environmental Impact Assessment Regulations the Ministry reserves the right to terminate any activity without compensation if found that such an activity has caused significant, irreversible impacts on the environment.

vi. ފެނާއި ހަވާ ރައްކާތެރިކުރުމުގެ ގާނޫނު (ނަންބަރ 4/93) ގެ ދަށުން ތަޙުލީލުގެ ގަވާއިދު 2012 ގެ ދަށުން ތަންކޮޅެއް ތަންކޮޅުތަކުގެ ކަންތައް ނުވަތަ ކަންތައް ކުރުމުގެ ގޮތުގައި ބަލައިގަތުމުން ފަހު، ވަކި ކަންތައް ކުރުމުގެ ސަބަބުން ވާތަވެރިކަމުގެ ދަށުގައި ބަދަލުކުރެވޭ ނުކުރެވޭ ގޮތަށް ބޮޑު ގޮތަށް ކަންކަމަށް ހުރިހާ ކަންތައް ކުރުމުގެ ހައްގު ވަކިކުރުމުގެ ހައްގު ވަނީ ވަޒާރާއަށެވެ.

vii. All mitigation measures proposed in the EIA report for all the phases of the project shall be fully implemented.

vii. ތަޙުލީލުގެ ގަވާއިދު ހިންގުމުގެ ގޮތުގައި ތަންކޮޅުގެ ހުރިހާ ކަންކަމަށް ބެލެނިވެރިކަމާ ގުޅިގެން ތަޙުލީލުގެ ރިޕޯޓުގައި ހިމެނިގެން ހުންނަ ކަންތައް ފުރިހަމަ ގޮތަށް ކުރިޔަށް ގެންދާނެ ކަމެވެ.

viii. The environmental monitoring program outlined in the Environmental Impact Assessment Report shall be undertaken and implemented and summary environmental monitoring reports shall be submitted to the Ministry.

viii. ތަޙުލީލުގެ ގަވާއިދު ހިންގުމުގެ ގޮތުގައި ތަންކޮޅުގެ ހުރިހާ ކަންކަމަށް ބެލެނިވެރިކަމާ ގުޅިގެން ތަޙުލީލުގެ ރިޕޯޓުގައި ބަޔާންކޮށްފައިވާ ފެނާއި ހަވާ ބެލެނިވެރިކަމުގެ ޕްރޮގްރާމް ކުރިޔަށް ގެންދާ ގޮތަށް ކަންތައް ކުރުމާއި، ފެނާއި ހަވާ ބެލެނިވެރިކަމުގެ ރިޕޯޓުތައް ވަގުތުން ވަޒާރާއަށް ހުށަހެޅުމަށް ކަންތައް ކުރުމުގެ ހައްގު ވަނީ ވަޒާރާއަށެވެ.

ix. The date of expiry stated in this Environmental Decision Statement is the duration given to commence the project activities approved under this Environmental Decision Statement.

ix. ލިޔެފައިވާ ތާރީޚުގެ ކުރިން ވިދާޅުވާ ގޮތަށް ބަލައި ހުށަހެޅުނު ފަރާތުން ކަނޑައެޅުނު ގޮތަށް ތިރީގައި ބަޔާންކުރާ ތާރީޚުގެ ކުރިން ކަންކަން ފެށުން ކަށަވަރުކުރަން ވާނެ.

x. Once the project activities have started, the Proponent must inform the Environmental Regulatory Authority, the date of commencement of project activities

x. ކަންކަން ފެށުމުން ފެށުނު ތާރީޚުގެ ކުރިން، ތިރީގައިވާ ގޮތަށް ތަފާތު ގޮތެއް ނުވާ ގޮތަށް ތިރީގައިވާ ތާރީޚުގެ ކުރިން ދަންނަވަންވާނެ.

Date of Issue: 10 June 2026

ދީފައި ވާ ތާރީޚު: 10 ޖޫން 2026

Date of Expiry: 10 June 2027

ހަމަ ވާ ތާރީޚު: 10 ޖޫން 2027

Name: Mr. Hassaan Mohamed

ނަން: ހަސަންގާސިމް ބަހާސްގަ ދަބަހަތަ

Designation: Chief Executive

ވަޒީފާ: ޗީފް ހަމަލުވެ

Signature:

ސޮއި:

Additional Information for the EMP for the Proposed Construction of a Meteorological Office and Radar System in Gan, Addu City.

As requested through your letter 203-ECA/88/2026/21 (dated: 20 May 2026) regarding the additional information for the Environmental Management Plan for the proposed construction of a Meteorological Office and Radar System in Gan, Addu City;

1. **The report mentions temporary facilities and material storage; however, the exact locations and layouts of the temporary construction site setup have not been clearly identified.**

The following figure 01 shows the proposed location for the temporary facilities at the project site. The proposed location is labelled as B5 and the layouts of the temporary construction site are yet to be developed.

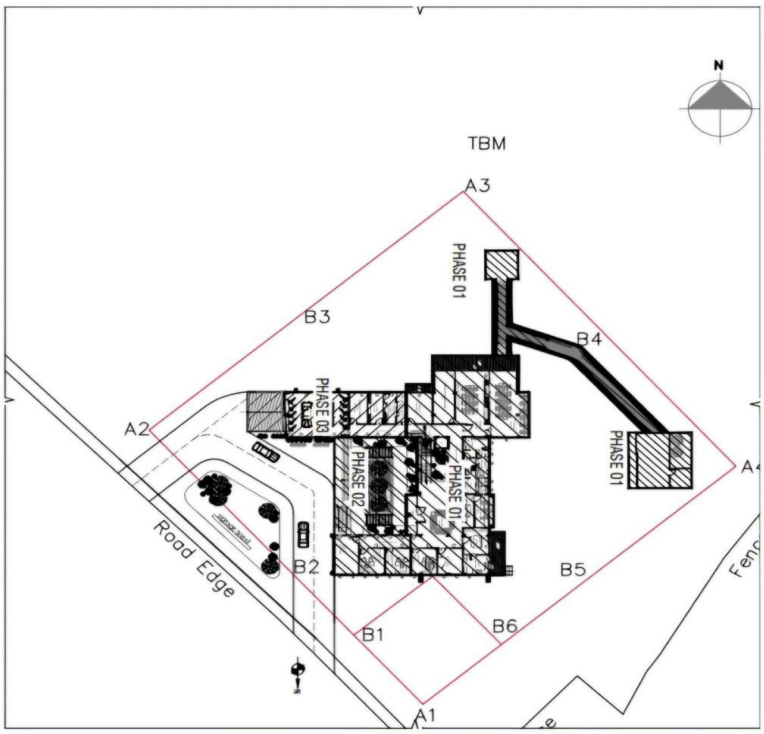


Figure 1: B5 which is the proposed location for the temporary sites

2. **The proposed mitigation measures are largely generic and do not sufficiently specify the required manpower, equipment, implementation timing, or methods for evaluating effectiveness. Detailed implementation requirements are inadequately addressed on Pages 47–58.**

The following table 01 provides details of the proposed mitigation measures with specific details of the required manpower, equipment, implementation timing.

Table 1: Details of the proposed mitigation measures

Aspect	Proposed Mitigation Measures	Cost	Benefit	Expertise	Required Manpower	Responsibility	Equipment and Technology	Timing
Construction Phase								
Excavation Works	Transport excavated material immediately to an approved area	Included in the project cost	Prevents localized dust generation.	Civil Engineering, Environmental Health & Safety (EHS)	Excavator operators, dump truck drivers, EHS officer, laborers.	Main Contractor / Site Supervisor	Excavators, Dump trucks, Shovels, Tarpaulins (covering loads).	Immediate; upon commencement of civil works.
General Building Construction	Enforce mandatory PPE usage.	Approximately 5000 USD	Mitigates dust exposure and falls/accidents	EHS Management, Human Resources / Labor Relations	EHS Officer, Site Engineers, General Construction Laborers.	Main Contractor / Project Management Unit (PMU)	Safety nets, Fencing/Facades, PPE (Helmets, boots, dust masks), Signboards, First Aid kits.	Continuous throughout the active structural construction period.
Dewatering Activities	Conduct regular physical checks and immediate repairs on pipeline infrastructure.	Included in the project cost	Prevents prolonged depletion of local groundwater table Avoid turbid discharge flooding or mosquito breeding	Hydrological/Civil Engineering	Pump technicians, plumbing laborers, inspector.	Contractor	Submersible dewatering pumps, flexible discharge piping, settlement tanks, warning signs.	During foundation works period

Machinery & Vehicle Operations	Maintain vehicles in top technical shape with emissions control equipment (filters).	Included in the project cost	Prevents groundwater contamination from oil spills. Lowers air/noise pollution.	Mechanical Engineering	Certified heavy machinery operators	Contractor	heavy transport trucks, emission filters	Construction Phase
Construction Waste Management	Outsource to a licensed waste handler; strictly ban on-site dumping.	Waste Collection Fee	Prevents groundwater pollution and land degradation.	Waste Management	Waste handlers, truck drivers, site cleanup crew.	Contractor	Segregation bins/skips, waste collection trucks, tarpaulin covers.	Construction Phase
Operational Phase								
MMS Building & Radar System Operations	Provide comprehensive climb safety equipment for high-altitude maintenance.	Included in the maintenance cost of MMS.	Eliminates workplace falls and occupational hazards during maintenance.	Radar/Meteorological Electronics Engineering, High-altitude Safety	Maldives Meteorological Service (MMS) Technicians, Safety Auditor.	MMS	Safety harnesses, fall-arrest systems, localized testing gear, emergency transport/evacuation vehicle.	During routine maintenance works

3. **Page 42 under the "Impact Prediction" section refers to a seaplane platform. Please revise this section accordingly to reflect the correct project components and activities.**

5.6 Impact Prediction

The environmental impacts of the proposed construction of MMS building and Radar system in project are predicted in this section of the report by using a simple descriptive matrix. The following matrix distinguishes the types of environmental impacts that may be associated with various project actions on key environmental components and distinguishes whether these are impacts during construction period or during post-construction and operations period.

4. **Section 9.2.2 on the frequency of reporting appears incomplete. Please revise and complete the reporting frequency requirements.**

9.2.2 Frequency of Reporting

- Once every three months during the construction phase
- Once every year for 3 years during operational phase

5. **The Grievance Redress Mechanism (GRM) provided in Annex 07 shall be amended, as it currently refers to the Hanimaadhoo Agricultural Centre, which appears unrelated to the proposed project.**

The following figure 2 provides a graphical representation of the GRM proposed for the project. The details of the proposed GRM are included in the Annex 1 of this document.

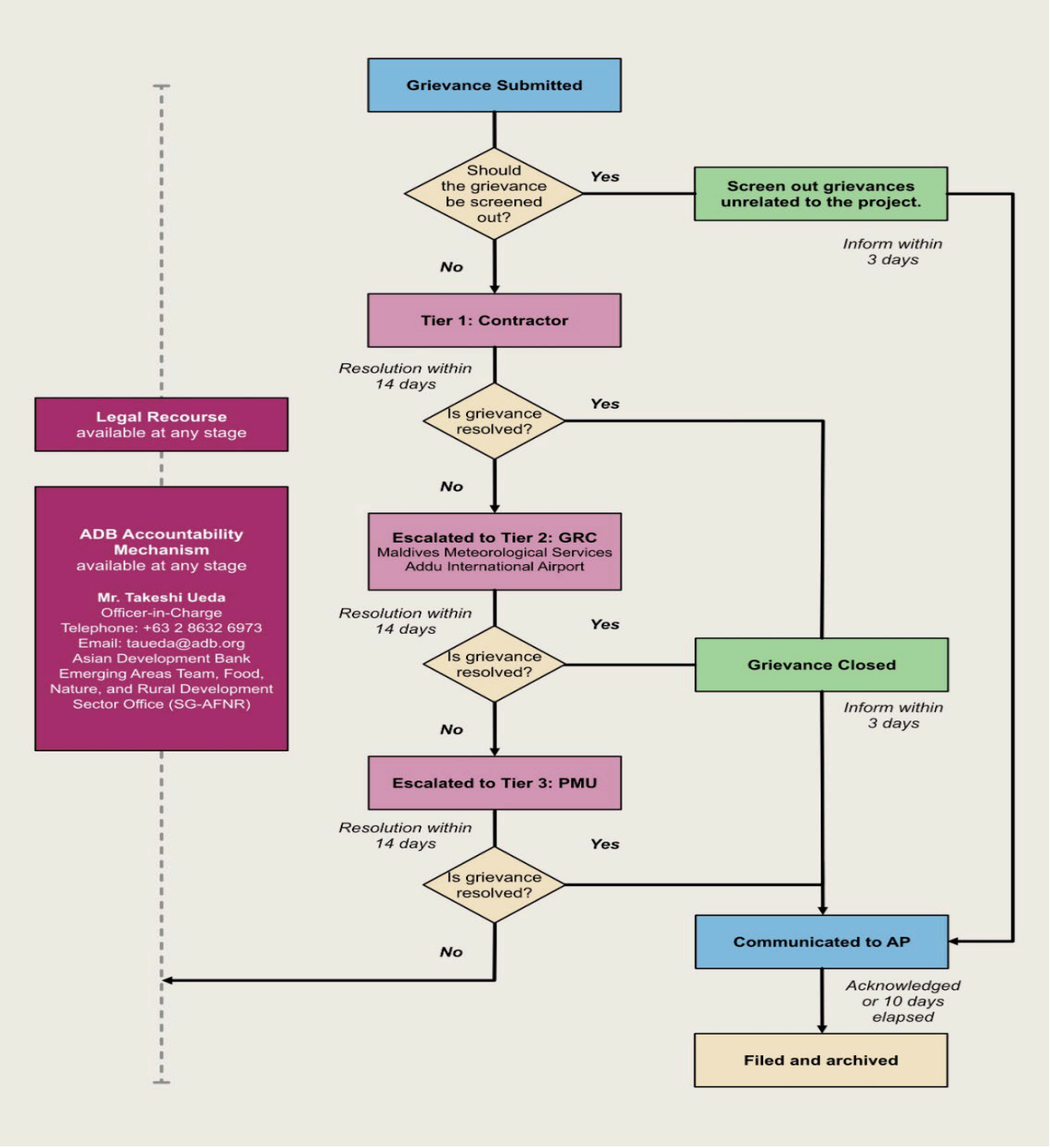


Figure 2: Process Map of the GRM

Annex 1 – GRM for the Enhancing Climate Resilience and Food Security project

ECRFS GRM V4.0

Last Updated: 21.05.2026

GRIEVANCE REDRESS MECHANISM

Enhancing Climate Resilience and Food Security Project

grievances.resilience@environment.gov.mv

Implemented by

Ministry of Climate Change, Environment and Energy

Funded by

ADB JFPR

Enhancing Climate Resilience and Food Security Project
resilience@environment.gov.mv

GLOSSARY

ADB	Asian Development Bank
APs	Affected Persons
CBOs	Community-Based Organizations
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
MoCCEE	Ministry of Climate Change, Environment and Energy
NGOs	Non-Governmental Organizations
PMU	Project Management Unit
SEA	Sexual Exploitation and Abuse
SH	Sexual Harassment
SMR	Social Monitoring Reports

GRIEVANCE REDRESS MECHANISM

A. Introduction

1. The Grievance Redress Mechanism (GRM) establishes a project-specific, formal, and accessible process through which affected persons (APs) and other stakeholders may lodge complaints related to the environmental and social performance of the Project and seek timely resolution.
2. The GRM does not replace or restrict access to the legal system in the Maldives. Affected persons may pursue such remedies at any stage, independently of or in parallel with the project-level GRM.
3. The GRM applies to all project activities and stages, including planning, design, site investigations, construction, and operation, across all project locations.
4. The GRM is open to everyone affected by the project, including community members, workers, and other stakeholders. It is free to use and can be accessed without fear of retaliation.
5. The GRM can be used to raise concerns such as:
    a. Noise, dust, vibration, or traffic disturbances caused by construction
    b. Pollution affecting land, groundwater, lagoons, or the marine environment
    c. Poor waste management, including construction waste or hazardous materials
    d. Damage to public infrastructure, private property, or natural resources
    e. Worker-related issues, including behavior, interaction with the community, and workplace safety
    f. Gender-based violence, sexual exploitation and abuse, or sexual harassment
    g. Land-related issues, including voluntary land donation or land acquisition and relocation
    h. Loss of income or livelihood and related support
    i. Any other environmental or social concern related to project activities.

B. General Principle

6. This GRM establishes a project-specific, clear, and accessible system for addressing concerns for affected persons (APs). It outlines defined levels and procedures for grievance handling and provides a transparent, time-bound mechanism to effectively manage and resolve social and environmental issues that may arise during the planning, construction, and operation phases of the Project.
7. The Project Management Unit (PMU) shall ensure that information on the GRM is disclosed to affected persons and stakeholders through appropriate means, including public consultations, information materials, and digital platforms.

8. The GRM shall be accessible to all affected persons and stakeholders, including vulnerable groups, and shall be implemented in a transparent, time-bound, culturally appropriate, gender-responsive, and socially inclusive manner, without cost and without retribution.
9. The GRM is accessible to both community members and project workers and does not restrict access to judicial or administrative remedies available under Maldivian law.
10. The PMU, Island/City Councils, and contractors will inform affected persons of the GRM upon approval of subprojects. Information will be disseminated through public consultations and distribution of public information materials, ensuring that affected persons are aware of their right to lodge complaints.
11. The GRM operates independently and ensures equitable treatment of all individuals, regardless of gender. It aims to facilitate timely resolution of concerns and minimize the need for prolonged or complex legal proceedings.
12. The GRM operates through a three-tier system. Tier 1 is managed at the contractor level, where grievances related to site activities are received and addressed. Tier 2 consists of a Grievance Redress Committee (GRC) at the subproject level, which reviews and resolves complaints through consultation and mediation. Tier 3 is handled by the Project Management Unit (PMU) safeguards team, which undertakes further review and coordination for unresolved cases. Complainants escalate complaints if not satisfied with the outcome at a given level.
13. The GRM does not have legal authority to make binding decisions. It functions as a facilitative mechanism to support resolution of issues between affected persons and project authorities. Matters requiring legal determination, such as ownership disputes, will be addressed in accordance with Maldivian law. Affected persons retain the right to seek legal recourse at any stage. In line with Asian Development Bank ADB's good practice, the GRM promotes the use of traditional and community-based conflict resolution approaches, including dialogue, mediation, and negotiation, to reach mutually agreed solutions wherever possible and at the earliest stage.
14. All complainants retain the right to seek recourse through the Maldivian judicial system at any stage, including while using the GRM.
15. Where affected persons choose to pursue legal remedies, the Project will provide necessary support by sharing relevant information, including contact details of the Attorney General's Office. The PMU will assist in guiding affected persons on accessing appropriate channels. Such support will be provided free of charge, and no fees are required to submit or process grievances through the GRM.
16. For project workers, the grievance redress process is outlined in their employment contracts. General workplace grievances are addressed through the organization's Human Resource (HR) department or committee. Complaints related to sexual exploitation, abuse, or harassment are handled by the designated Sexual Exploitation and Abuse (SEA) / Sexual Harassment (SH) committee of the relevant Ministry.
17. For cases related to gender-based violence, sexual exploitation and abuse or sexual harassment, the GRM documentation and grievance forms will include contact details of the

Ministry of Health, Family and Welfare (1421) or reporting@msfd.gov.mv. Confidentiality of the complainant will be strictly maintained in such cases.

18. Information on this reporting channel is clearly displayed on grievance information boards.

C. Grievance Resolution Process

I. Establishment of the GRM

19. The GRM is established prior to the commencement of civil works and is operational across all subprojects. This includes defining the three-tier structure, assigning clear roles and responsibilities to the PMU, contractors, and Grievance Redress Committees (GRCs), and designating focal points at each level. Standard operating procedures, grievance registration forms, logbooks, and reporting templates are developed and maintained. Multiple communication channels (e.g., phone, email, in-person submission, and grievance boxes, where appropriate) are in place to ensure accessible entry points for lodging complaints.

II. Induction and Training

20. Capacity-building and orientation sessions are provided to all relevant stakeholders, including PMU safeguards staff, contractors, site personnel, council representatives, and GRC members. Training covers GRM procedures, documentation and record-keeping, response timelines, communication with complainants, and principles of fairness and transparency. Particular attention is given to the handling of sensitive grievances (such as SEA/SH), maintaining confidentiality, and ensuring gender-responsive and socially inclusive approaches.

III. Dissemination of Information

21. Information on the GRM is proactively disseminated to affected persons and stakeholders across all project locations. This is carried out through community consultations, awareness sessions, public notices, distribution of information materials (e.g., leaflets and posters), and the use of mainstream and social media. GRM details are also made available on the project website. Information clearly explains the process for submitting complaints, available channels, expected timelines, and relevant contact details. All communication is provided in accessible formats and in the local language to ensure inclusivity.

IV. Monitoring

22. The PMU oversees and monitors the functioning and effectiveness of the GRM on an ongoing basis. This includes maintaining a grievance database to track the number, type, status, and resolution timeframe of complaints. Regular reviews assess responsiveness, resolution rates, and any recurring or systemic issues. Monitoring findings are documented and included in periodic safeguards reports, such as Social Monitoring Reports (SMRs). Where gaps are

identified, corrective measures such as additional training, process improvements, or enhanced outreach—are implemented to strengthen the GRM.

D. Grievance Resolution Mechanism

23. A three-tier Grievance Redress Mechanism (GRM) is established to address environmental and social concerns arising during the planning, design, field investigations, construction, and operation phases across all project locations. The GRM is accessible to affected persons (APs), community members, workers, organizations, and other stakeholders. Complaints may be submitted at any tier, and where a grievance is not resolved or the complainant is not satisfied, it will be escalated to the next tier. If tier one is unavailable or not yet on-site, the complainant may bypass the initial review stage and submit their grievance directly to the second tier. The mechanism is illustrated in Figure 2 and detailed in Table 2. The grievance registration form is provided in Annex 1.
24. The GRM operates through three tiers, with access to the national legal system available at all stages. For Outputs 1, 2, and 3, responsible parties will be identified for each tier, as set out in the relevant output-specific tables and annexes. For Output 4, the Small Grants Program, the GRM will apply only Tier 1 and Tier 3 arrangements, reflecting the smaller scale and nature of activities under this output.

Tier 1: Contractor Level

25. Where subproject activities are implemented through contractors, the first point of contact for grievances will be the contractor responsible for the works.
26. A designated focal point at the contractor's office and/or site will be assigned to receive, register, and address complaints.
27. The contractor shall make reasonable efforts to resolve grievances within 14 days. If the issue is not resolved within this period, or the complainant is not satisfied, the grievance will be escalated to Tier 2.
28. In cases where a contractor is not yet mobilized, not present on site, or where the grievance is not directly related to contractor activities, the complainant may directly submit the grievance to Tier 2 without first approaching Tier 1.

Tier 2: Grievance Redress Committee (GRC)

29. A Grievance Redress Committee (GRC) will be established at the subproject level.
30. The composition of the GRC will reflect relevant stakeholders depending on the subproject context, including, but not limited to, representatives from the Island/City Council, Women's Development Committee, community-based organizations (CBOs) / Non-Governmental Organizations (NGOs), and affected persons, ensuring gender equality and social inclusion. At the second tier, the GRC will include relevant authorities as required by the specific subproject

(e.g., sector agencies, facility management entities, or implementing partners). The composition will be determined based on the nature, location, and scale of the subproject, and will be adapted to ensure appropriate representation of stakeholders relevant to the subproject's needs.

31. The GRC will review grievances that are either (i) escalated from Tier 1 after 14 days without resolution, or (ii) directly submitted to Tier 2 as specified in clause 28. The GRC will facilitate resolution through consultation, mediation, and joint problem-solving, in line with ADB's good practice on community-based conflict resolution.

Table 1: Composition of the Proposed Grievance Redress Committee

Member	Number	Position
Chairperson	1	Representative from the Island/City Council, landowner, implementing agency, or another relevant local authority
Member	1 - 3	May include representatives from the Women's Development Committee, local NGOs or CBOs, affected persons, community representatives, or relevant technical/project stakeholders
Secretary	1	Project Safeguards Specialist

Tier 3: Project Management Unit (PMU) Safeguards Team

32. Grievances not resolved at Tier 2 will be referred to the PMU safeguards team, including the Social Safeguards Specialist, Environmental Safeguards Specialist, and PMU Gender Expert.
33. The PMU will review and investigate the grievance and coordinate with relevant stakeholders to identify and implement appropriate solutions.
34. The PMU will ensure that no costs are imposed on the aggrieved party, that confidentiality is maintained where required, and that all decisions and actions are communicated in a timely and transparent manner.
35. If the aggrieved person is a female, then the GRC must include at least one female member (ideally a representative from the local WDC) to participate in the hearings. In case of the absence of any of the members during the decision-making process, an appropriate candidate will be nominated by the original representative.
36. At the third tier, the Ministry of Climate Change, Environment and Energy (MoCCEE) PMU will be based in Malé and have two designated staff members (the Social Safeguards Specialist and Environmental Safeguards Specialist) to address all potential complaints from the public, workers and other APs for the pre-construction, construction and operation of the Project. They will liaise regularly with the island councils, contractors and site supervisors regarding any grievances received. They will also liaise with national agencies and line departments as required.

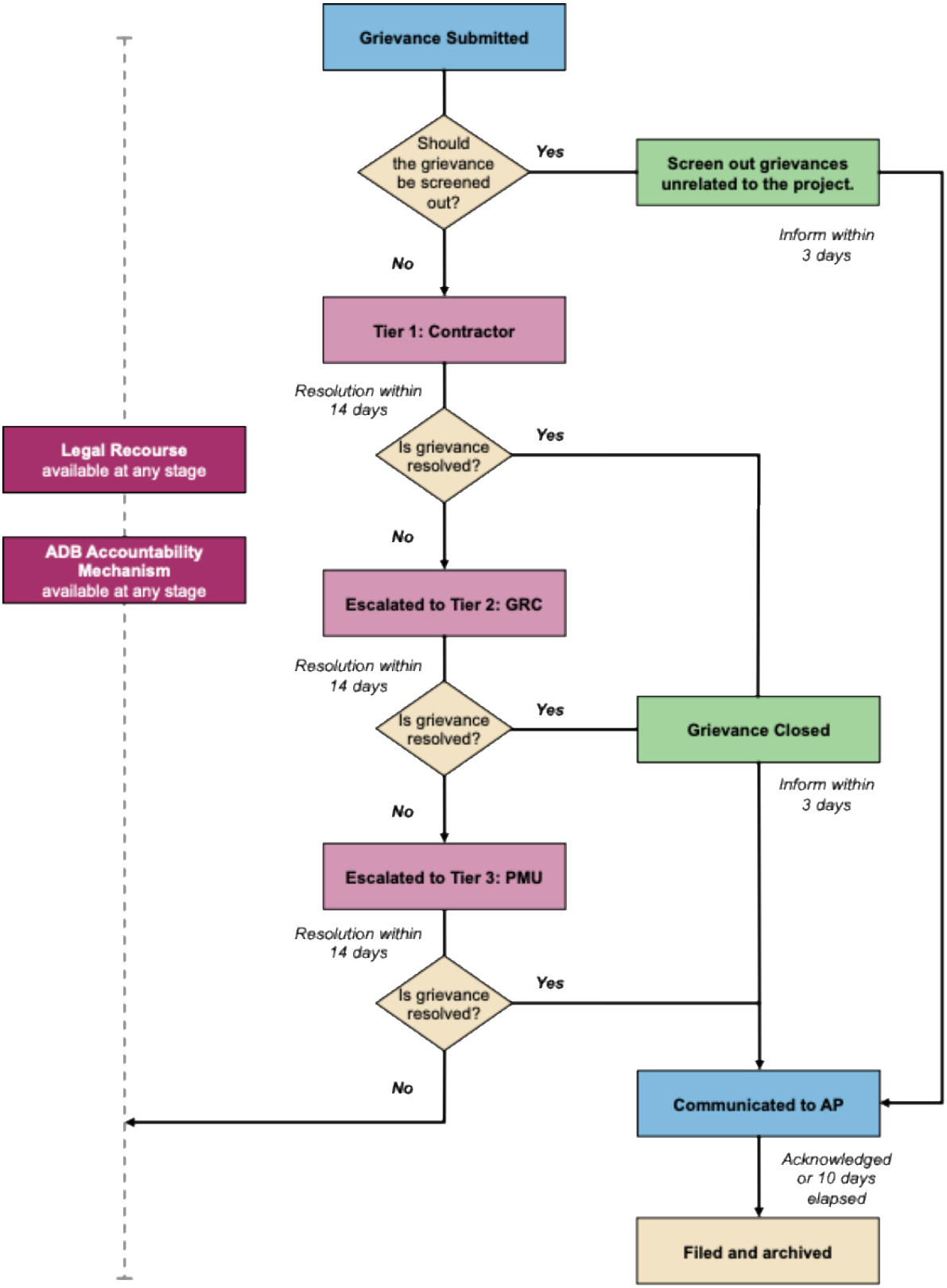


Figure 1 Grievance Redress Mechanism Flowchart

Table 2: Grievance Redress Mechanism

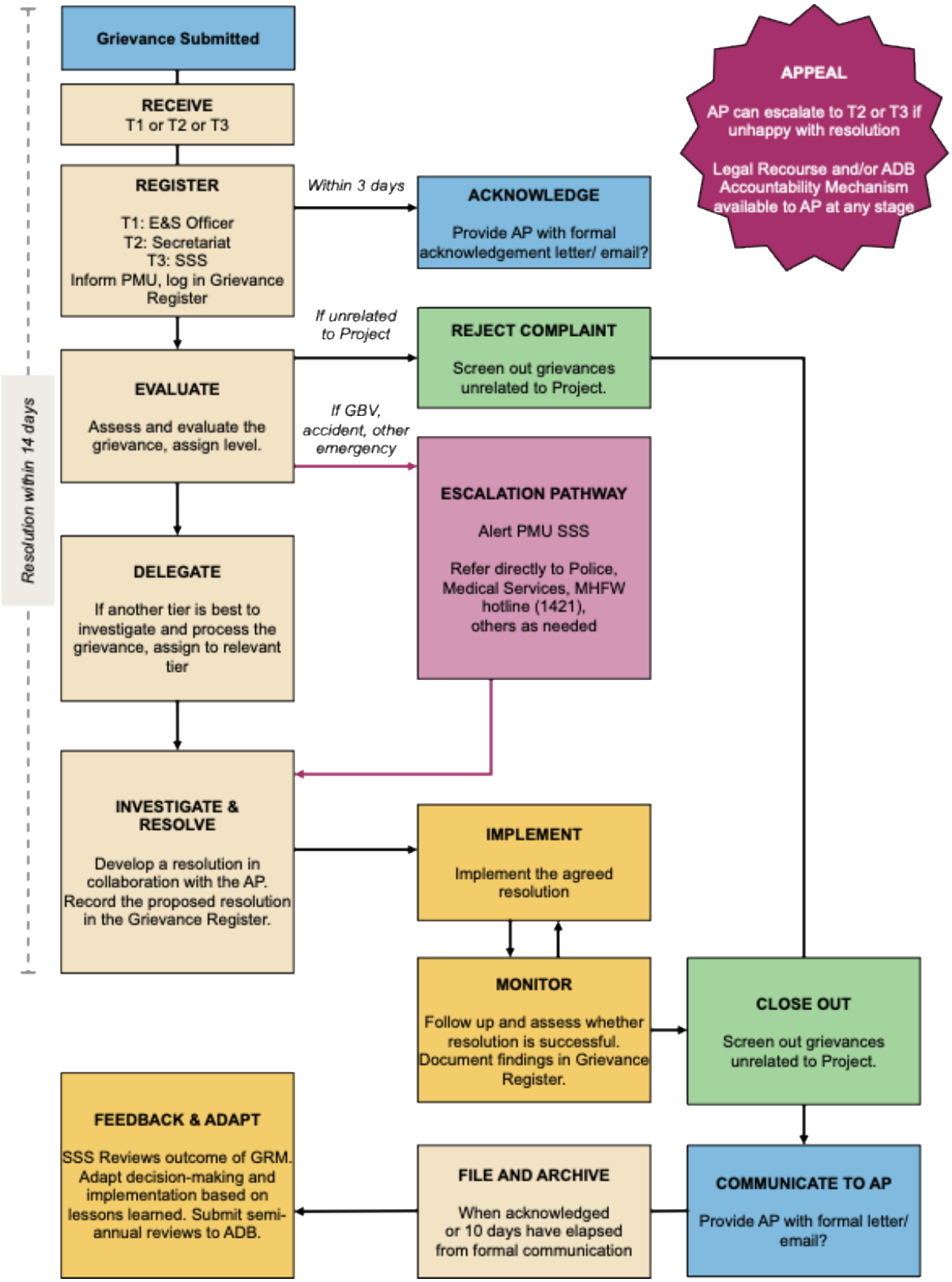
Focal Person for Contact	Contacts, Communication and Other Facilitation by Project	Timeframe to address grievance
First Tier: Contractor		
Designated contact persons will be established within the Contractor's Company with a designated contact number.	• In the contractor's office and the project site there will be an Information Board providing details of the GRM listing the names, sex and contact telephones/emails. • Grievances can be registered informally by contacting the designated focal point. If the grievance cannot be resolved informally, a formal complaint can be registered through phone/email or by submitting the complaint form (Annex 1). The form must be available online (digital form) on the websites of the project (ECRFS) and physical forms will be available from the contractor's office, at the council offices and at PMU, including drop boxes to submit physical forms. A hotline is established to receive grievances via phone call and mobile message. • For those who are visually impaired and/or cannot properly write, a staff will assist in filling the complaint form and get it signed by the aggrieved party. • The contractor's office will screen the grievance to determine if the issues and concerns raised in the complaint falls within the mandate of the project. • If it is related to the project, the contractor's office will inform the aggrieved party in writing (copied to PMU) how the case will be processed as per this GRM. This shall be completed within 03 working days of receiving the complaint. If the aggrieved party is unable to read (for whatever reason) the issued letter will be read to the person in presence of a witness and the witness should declare their witness to this event. • Alternatively, if it is not related to the project, contractor's office will inform the aggrieved party that it is not related to the project in writing (copied to PMU) and will inform how the case will be handled. This communication shall be completed within 03 working days of receiving the complaint. If the aggrieved party is unable to read (for whatever reason), the issued letter will be read to the person in presence of a witness and the witness should declare their witness to this event. • Where the grievance is related to the project, the contractor's office will come up with a solution either by (i) discussing within the contractor's office; (ii) joint problem solving with the aggrieved parties, PMU and the contractor or; (iii) a combination of both options. • The contractor's office will communicate the final decision in writing, in terms of how the grievance was handled to the aggrieved party within 14 working days of receiving the complaint. If the aggrieved party is unable to read (for whatever reason) the issued decision will be read to the person in presence of a witness and the witness should declare their witness to this event. • The aggrieved party must acknowledge the receipt of decision and submit their agreement or disagreement with the decision within 10 days. • If no acknowledgement is submitted from the aggrieved party, then the decision will be considered as accepted.	**14 working days**

	• If the grievance is not resolved to the satisfaction of the aggrieved party within 14 working days of submission of the grievance to tier 1 then the aggrieved party may notify the GRC and Ministry of Climate Change, Environment and Energy (PMU), in writing, of the intention to move to tier 2. • The contractor's office will maintain records of all complaints received and share with PMU.	

Second Tier: Grievance Redress Committee (GRC)

Designated contact persons will be established within the GRC with a designated contact number.	• In cases where a contractor is not yet mobilized, not present on site, or where the grievance is not directly related to contractor activities, the complainant may directly submit the grievances to Tier 2 without approaching Tier 1. • The composition of the GRC will reflect relevant stakeholders depending on the subproject context, including, but not limited to, representatives from the Island/City Council, Women's Development Committee, community-based organizations (CBOs) / Non-Governmental Organizations (NGOs), and affected persons, ensuring gender equality and social inclusion. At the second tier, the GRC will include relevant authorities as required by the specific subproject (e.g., sector agencies, facility management entities, or implementing partners). • The composition will be determined based on the nature, location, and scale of the subproject, and will be adapted to ensure appropriate representation of stakeholders relevant to the subproject's needs. • Where the aggrieved party is not satisfied with the outcome of the decision by the contractor's company or where the aggrieved party is of the view that the contractor's company is not capable of justly solve the issue or where the grievance is not resolved within 14 working days the grievance can be upgraded to tier 2. • The contractor's company will forward the grievance to the Grievance Redress Committee (GRC). • A formal receipt of the complaint will be provided to the aggrieved party. • The GRC will come up with a solution either by (i) discussing within the committee;(ii) joint problem solving with the aggrieved parties, the committee and the contractor, undertaking site visits and holding onsite discussions or; (iii) a combination of all these options. • The GRC will be responsible to ensure that there is no cost imposed on the aggrieved person. • GRC will communicate the final decision in writing, in terms how the grievance was handled to the aggrieved party within 14 working days of receiving the complaint. If the aggrieved party is unable to read (for whatever reason) the issued letter should be read to the person in presence of a witness and the witness should declare their witness to this event. • The aggrieved party must acknowledge the receipt of decision and submit their agreement or disagreement with the decision within 10 days. • If no acknowledgement is submitted from the aggrieved party then the decision will be considered as accepted. • If the grievance is not resolved to the satisfaction of the aggrieved party within 14 working days of submission of the grievance to tier 2 then the aggrieved party may notify the Ministry of Climate Change, Environment and Energy (PMU), in writing, of the intention to move to tier 3.	**14 working days**

	• The GRC will maintain records of all complaints received and share with PMU.	
Third Tier: Ministry of Climate Change, Environment and Energy (Project Management Unit)		
The social and environmental safeguards specialist of the PMU or the designated contacts for the PMU.	• Where the aggrieved party is not satisfied with the outcome of the decision by GRC or where the aggrieved party is of the view that the GRC is not capable of justly solve the issue or where the grievance is not resolved within 14 working days the grievance can be upgraded to tier 3. • The GRC will forward the grievance to Ministry of Climate Change, Environment and Energy (PMU). • A formal receipt of the complaint will be provided to the aggrieved party. • The PMU will come up with a solution either by (i) discussing in the project steering/technical committee; (ii) joint problem solving with the aggrieved parties, the committee and the contractor (iii) undertaking site visits and holding onsite discussions or; (iii) a combination of all these options. • The PMU will be responsible to ensure that there is no cost imposed on the aggrieved person. • The PMU will communicate the final decision in writing, in terms how the grievance was handled to the aggrieved party within 14 working days of receiving the complaint. If the aggrieved party is unable to read (for whatever reason) the issued letter should be read to the person in presence of a witness and the witness should declare their witness to this event. • The aggrieved party must acknowledge the receipt of decision and submit their agreement or disagreement with the decision within 10 days. • If no acknowledgement is submitted from the aggrieved party then the decision will be considered as accepted	**14 working days**


Grievance Submitted
RECEIVE
T1 or T2 or T3
REGISTER
T1: E&S Officer
T2: Secretariat
T3: SSS
Inform PMU, log in Grievance Register
Within 3 days
ACKNOWLEDGE
Provide AP with formal acknowledgement letter/ email?
APPEAL
AP can escalate to T2 or T3 if unhappy with resolution
Legal Recourse and/or ADB Accountability Mechanism available to AP at any stage
If unrelated to Project
REJECT COMPLAINT
Screen out grievances unrelated to Project.
EVALUATE
Assess and evaluate the grievance, assign level.
If GBV, accident, other emergency
ESCALATION PATHWAY
Alert PMU SSS
Refer directly to Police, Medical Services, MHFW hotline (1421), others as needed
Resolution within 14 days
DELEGATE
If another tier is best to investigate and process the grievance, assign to relevant tier
INVESTIGATE & RESOLVE
Develop a resolution in collaboration with the AP. Record the proposed resolution in the Grievance Register.
IMPLEMENT
Implement the agreed resolution
MONITOR
Follow up and assess whether resolution is successful. Document findings in Grievance Register.
CLOSE OUT
Screen out grievances unrelated to Project.
FEEDBACK & ADAPT
SSS Reviews outcome of GRM. Adapt decision-making and implementation based on lessons learned. Submit semi-annual reviews to ADB.
FILE AND ARCHIVE
When acknowledged or 10 days have elapsed from formal communication
COMMUNICATE TO AP
Provide AP with formal letter/ email?

E. Key Parties and GRM Structure

37. The GRM operates through a three-tier structure for Outputs 1, 2, and 3. Tier 1 will generally be managed at the contractor or site level, unless otherwise specified based on the nature of the activity, site arrangements, and implementing parties involved. For Output 4, the Small Grants Program, the GRM will apply a simplified arrangement using Tier 1 and Tier 3 only.

Output 1: Weather and Climate Infrastructure (Addu & Velana Airports)

38. For subprojects under SP1.1 at Addu International Airport (Gan) and SP1.2 at Velana Airport (Hulhulé):

- **Tier 1:** Managed by the construction contractor.
- **Tier 2:** Comprises representatives from the respective airport authority (Addu International Airport and Maldives Airports Company Limited), together with the Maldives Meteorological Service (MMS).
- **Tier 3:** Managed by the PMU.

39. Given that these islands are industrial and managed by airport authorities rather than local councils, the GRC structure is adapted accordingly. Grievances may be submitted by any aggrieved party, regardless of residency on the island.

Output 2: Coastal Protection and Drainage (Kulhudhuffushi)

- **Kulhudhuffushi City:**
  - **Tier 1:** Managed by the contractor.
  - **Tier 2:** A formal Grievance Redress Committee (GRC) is established at the city level due to the scale and duration of activities. (Table 1)
  - **Tier 3:** Managed by the PMU.

40. The GRC in Kulhudhuffushi City comprises a five-member body to facilitate timely resolution of grievances .

Output 3: Urban Agriculture and School Gardening Initiatives

a. School Gardening Program:

- **Tier 1:** Managed by the contractor responsible for installation works.
- **Tier 2:** Comprises the respective School Administration in coordination with the Ministry of Education.
- **Tier 3:** Managed by the PMU.

b. National Urban Agriculture Demonstration Plots (Institutional/Public Land):

- **Tier 1:** Managed by the contractor.
- **Tier 2:** Comprises the respective land-owning institution in coordination with the Ministry of Fisheries, Agriculture and Ocean Resources.

- **Tier 3:** Managed by the PMU.

c. Kudakudhinge Bageecha Demonstration Plot:

- **Tier 1:** Managed by SIFCO in its capacity as site manager.
- **Tier 2:** Managed by the Ministry of Fisheries, Agriculture and Ocean Resources.
- **Tier 3:** Managed by the PMU.

The PMU, in coordination with the Ministry of Education, participating schools, SIFCO, land-owning institutions, and the Ministry of Agriculture and Animal Welfare, ensures that GRM information is disseminated to students, parents, teachers, school staff, contractors, park visitors, SIFCO staff, and surrounding communities. Information is shared within three months of commencement through school assemblies, parent-teacher meetings, park notice boards, public notices, information materials, community outreach, and social media platforms.

F. ADB Accountability Mechanism

41. The AP have the right to submit their complaint at any time directly to the respective Project Officer at ADB headquarters, writing in any of the official languages of ADB's Developing Member Countries. The PMU Social Safeguard Specialist will support the AP in providing the following contact information of ADB:

Mr. Takeshi Ueda
Officer-in-Charge
Telephone: +63 2 8632 6973
Email: taueda@adb.org
Asian Development Bank
Emerging Areas Team, Food, Nature, and Rural Development Sector Office (SG-AFNR)

42. The PMU Social Safeguards Specialist shall support aggrieved persons in accessing ADB grievance channels, including providing the following contact information:

Ms. Aminath Shareef
Social Safeguards Specialist
Telephone: +960 3019143
Email:
grievances.resilience@environment.gov.mv /
aminath.shareef@environment.gov.mv
(ECRFS Project, CCD, MOCCEE)

G. Grievance Redress Mechanism Complaint Form (Annex 1)

The Enhancing Climate Resilience and Food Security Project welcomes suggestions, complaints, queries and comments regarding the project. We encourage persons with grievance to provide their name and contact information to enable us to get in touch for clarification and feedback.

Should you opt to include your personal details but want that information to remain confidential, please inform us my writing 'CONFIDENTIAL' above your name.

No.	GRIEVANCE RECORDING FORM		
1	**Date of Grievance Reporting**		
2	**Location of Grievance Reporting**		
	CONTACT INFORMATION AND GRIEVANCE		
3	**Name**		
4	**Gender**	Male	Female
5	**Age**		
6	**Home address**		
7	**Atoll, Island, Community**		
8	**Phone**		
9	**Email**		
10	**Complaint, comment or question –** please provide details (who, what, where, how)		
11	**How do you want to be reached for updates?**		
12	**Signature**		
	FOR OFFICIAL USE		
11	**Registered by:** (Name, position, phone number of the official registering the grievance)		
12	**Mode in which grievance is received**:	○ Note/Letter ○ E-mail ○ Verbal/telephone	
14	**Signature and date** of the official recording grievance:		
15	**Has AP/Complainant been handed over a copy of the grievance form?**	Yes	No
16	**Reviewed by:** (Name, position, phone number of the official reviewing the grievance)		
17	**Action taken:**		
18	**Whether action taken disclosed:**	Yes	No
19	**Means of disclosure**:		

Grievances Record and Action Taken Template (Annex 2)

Record Number	Date	Name of Complainant	Contact Number / Email Address of Complainant	Details of the Complaint	Place	Status of Redress (Resolved / Unresolved with Date)	Remarks (Details of how the complaint was resolved)	Details of the person who received the complaint. (Name and Designation)

H. FORMAT FOR RECORDING THE PROCEEDINGS OF GRIEVANCE REDRESS COMMITTEES (Annex 3)

Name of the complainant/s:

National identification number

Address:

Date of the inquiry:

Time:

Whether complainant participated or not:

Grievance or issue (in summary):

Statement made by the complainant/s:

GRC recommendation:

Participants in the GRC:

بسم الله الرحمن الرحيم

Ministry of Tourism and Environment
ފަރީދާއާއި ބަންދަރު ތަރައްޤީ ސާއްޖެ

Environmental Regulatory Authority
ސުންގަދަރުކުރާ ބަލަހައްޓާ ދާއިރާ

ވ.ގަދ.ދ ގާތްގަނޑު ފަންނީ ކަންކަން ހިނގަމުންދާ ގޮތް ބަލާ ލިޔުން

ތަފްޞީލް ބަލާ ލިޔުން

ނަން: Environmental and Social Management Plan for proposed meterological building and radar system in Gan International Aiport

ފޯނު ނަންބަރ: 7845332 — ތަކެއްގެ ނަން: Hamdhoon Mohamed

ދުވަސް ބަލާ ގޮތް: 28/02/2027 — ތަކެއްގެ ނަންބަރ: EIA-P(A)03/2017

ފޯނު ނަންބަރ: 7668606/ 3018300 — ތަކެއްގެ ނަން: Ministry of Climate Change, Environment and Energy

ދަށްވާ ގޮތުގެ ތެރެއިން ކޮންމެ ގޮތެއް ހިނގަމުންދާ ކަމަށް ބަލާ ލިޔުން ދީ ހުންނަ ގޮތް

☐ ގަޑި 1 (5000ރ) ☐ ގަޑި 2 (10000ރ) ☑ ގަޑި 3 (20000ރ)

ތަކެއްގެ ތަފްޞީލް

	ތަކެއްގެ ތަފްޞީލް	ތަކެއް ހުންނަ ގޮތް	ތަކެއް ނެތް ގޮތް
1	ހަނދާންކުރަންޖެހޭ ކަންކަން	Nil	☐
2	ތަކެއްގެ ފޮޓޯ ފައިލް	PDF	☐
3	ގާތްގަނޑު ބަލަންޖެހޭ ދުވަސްތައް ލައްވާ ގޮތް	N/A	☐
4	ހަނգަރު ހަދާފައި ހުންނަ ގޮތް	N/A	☐
5	ގާތްގަނޑު ބަލަންޖެހޭ ތަކެއް ހަނգަރުގައި ހުންނަ ގޮތް	N/A	☐
6	ބަލަހައްޓާ ފަރާތުން ހަނգަރުގައި ހުންނަ ގޮތް	73	☐
7	ހަނգަރުގައި ބަލަހައްޓާ ފަރާތުން ހުންނަ ގޮތް	09	☐
8	ބަލަހައްޓާ ފަރާތުން ހަނգަރުގައި ހުންނަ ގޮތް	10	☐
9	ބަލަހައްޓާ ފަރާތުން (ބަލަހައްޓާ ފަރާތުގެ ތެރެއިން)ގައި ހުންނަ ގޮތް	80	☐
10	ގާތްގަނޑު ބަލަންޖެހޭ ތަކެއް ހަނգަރުގައި ހުންނަ ގޮތް:	21	☐
11	ބަލަހައްޓާ ދާއިރާގެ ކޮންޓްރޯލް ލެވެލްގައި ހުންނަ ގޮތް	37	☐
12	ބަލަހައްޓާ ދާއިރާގެ ވަޒީފާ ތަކެއް ހަނգަރުގައި ހުންނަ ގޮތް	68	☐
13	ބަލަހައްޓާ ފަރާތުން ލިބޭ ހިންގުން ހަނգަރުގައި ހުންނަ ގޮތް	41	☐
14	ބަލަހައްޓާ ފަރާތުގެ ކޮންޓްރޯލް ތަކެއް ހަނգަރުގައި ހުންނަ ގޮތް:	N/A	☐
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16	ލިބޭ ފައިސާ ބަލަހައްޓާ ފަރާތުގެ ތަކެއް ހަނգަރުގައި ހުންނަ ގޮތް:	59	☐
17	ގާތްގަނޑު ބަލަންޖެހޭ ތަކެއް ހަނգަރުގައި ހުންނަ ގޮތް	N/A	☐
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20	ކޮންޓްރޯލް ލެވެލް ދަށްކުރާ ގޮތް:	74	☐
21	ބަލަހައްޓާ ލެވެލް ދަށްކުރާ ގޮތް:	73	☐
22	ބަލަހައްޓާ ފަރާތުގެ ކަންތައް ބަލަހައްޓާ ދާއިރާ ތަކެއް ހަނգަރުގައި ހުންނަ ގޮތް	N/A	☐

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ގޮތް: 11/05/2026

ސޮއި:

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List of Acronyms and Abbreviation

ADB	Asian Development Bank
ADB SPS	Asian Development Bank's Safeguards Policy Statement
AIA	Addu International Airport Pvt Ltd
BOD	Biological Oxygen Demand
CFP	Chance Find Procedure
CoC	Code of Conduct
EIA	Environmental Impact Assessment
ERA	Environmental Regulatory Authority
ESMP	Environmental and Social Management Plan
GEF	Global Environment Facility
ICAO	International Civil Aviation Organization
MCAA	Maldives Civil Aviation Authority
MoCCEE	Ministry of Climate Change, Environment and Energy
MoFAMR	Ministry of Fisheries, Agriculture and Marine Resources
MMS	Maldives Meteorological Services
MNDF	Maldives National Defense Force
OHS	Occupational Health and Safety
PMU	Project Management Unit
PPE	Personal Protective Equipment
SEAH	Sexual Exploitation, Abuse, and Harassment
TDS	Total Dissolved Solid
TPH	Total Petroleum Hydrocarbon
WAMCO	Waste Management Corporation
URA	Utilities Regulatory Authority

1. INTRODUCTION

1.1 Purpose of this report

This report is prepared in accordance with the Schedule E3 of the Environmental Impact Assessment (EIA) regulation (2012) and subsequent amendments. These legal frameworks were utilized as a basis for preparation of this document. Unofficial translation of Schedule E3 of the EIA regulation (2012) has been attached to Annex 1 of this report.

This Environmental and Social Management Plan (ESMP) report is prepared to meet the requirement of EIA regulation (2012). In addition, this report was elaborated to meet the requirements of Asian Development Bank (ADB) Safeguards Policy Statement (2009) since, the construction of meteorological office and radar system in Addu City is funded by ADB.

1.2 Aim and Objectives of the project

The main aim of the project is to provide required infrastructure and equipment for the Maldives Meteorological Services (MMS) for their mandated tasks. The main objectives of the project include:

1. Construction of a 2-storey building with a total build-up area of 1,190 sqm and conditioned area of 493 sqm.
2. Deployment of a radar system at Gan International Airport.

The MET Office building will serve as the southern regional hub for the Maldives Meteorological Department. It will provide administrative offices, technical monitoring spaces, training and meeting facilities, staff amenities, and specialized technical rooms for data management, servers, and equipment repair.

The radar system, to be installed at Gan International Airport, will operate at a wavelength of approximately 10 cm with a 1° beamwidth. It will provide continuous automated monitoring of rainfall intensity, wind velocity, thunderstorms, and severe weather conditions across the southern atolls. Supporting civil work includes a radar tower of up to 24 m in height and associated functional spaces.

1.3 Rationale for the project

Gan Meteorological Office is one of the key meteorological facilities serving the southern region of the Maldives. The station has been operating as part of the national meteorological service since 1975, and has functioned as a 24-hour weather station since 23 March 1985. It therefore plays an important role in continuous weather observation, forecasting, aviation meteorological services, and the provision of weather information for Addu City and the wider southern atolls.

The proposed project involves the development of an upgraded meteorological facility at Gan, including the construction of a new Maldives Meteorological Service office building and the installation of a new Doppler Weather Radar system. The new office building will provide the physical and operational infrastructure required to modernise meteorological services at Gan, while the radar system will strengthen real-time weather monitoring, forecasting, and early warning capacity for the southern region.

The existing Gan Meteorological Office building requires significant renovation and upgrading to meet current operational requirements. The facility is being developed to modernise weather services, improve the quality and reliability of weather information, and strengthen the national Early Warning Framework, particularly for Gan International Airport, Addu City, and the southern atolls. The building component is therefore justified not only as a replacement or improvement of ageing infrastructure, but as a necessary investment in the operational capacity of MMS in the southern Maldives.

The installation of the Doppler Weather Radar system will further enhance the technical capacity of MMS by enabling improved detection and monitoring of rainfall systems, storm development, wind patterns, and severe weather events. This is particularly important for the southern atolls, where real-time radar-based monitoring is currently limited compared to the central region. Improved radar coverage will support more accurate and timely forecasts, early warnings, and climate and disaster risk-informed advisories.

The project will also strengthen aviation meteorological services for Gan International Airport and the southern aviation network. The combined office and radar facility will support better localized weather information for flight planning, airport operations, and aviation safety. In addition, improved forecasting and early warning services will contribute to community preparedness, disaster response planning, and climate adaptation in Addu City and neighbouring atolls.

Overall, the project is justified by the need to modernise meteorological infrastructure at Gan, strengthen real-time weather observation and forecasting capacity, improve early warning services, enhance aviation safety, and support climate resilience and disaster preparedness in the southern Maldives.

2. PROJECT DESCRIPTION

This chapter is a description of the proposed project including project location, construction details, project schedule, project inputs and outputs.

2.1 Project Location

S. Gan is an airport island in Seenu atoll. The closest inhabited island is S. Feydhoo which is approximately 173 m northwest of S. Gan. The Figure 1 shows the proposed location of MMS building and radar site in S. Gan.

Figure 1: Proposed Location of MMS building and Radar site in S.Gan

2.2 Project Components and Implementation Plans

2.2.1 Project Components

The main components of the proposed project include the following;

1. Construction of MMS building
2. Installation of a radar system

2.2.1.1 Construction of MMS Building

The MET Office building will serve as the southern regional hub for the Maldives Meteorological Department. It will provide administrative offices, technical monitoring

spaces, training and meeting facilities, staff amenities, and specialized technical rooms for data management, servers, and equipment repair. The MET office is a G+1 building with a total built-up area of 1,190 sq.m. and conditioned area of 493 sq.m. Designed with energy-efficient features, the facility will act as a benchmark for resource efficiency, thermal and visual comfort, and reduced environmental footprint in the Maldives. The schematic drawings of the MMS building are included in Annex 02 of this ESMP report.

Table 1: Summary of MMS building components and dimensions

Component	**Area (m^2)**
Administrative and Office space	
Administrative, Executive and Consultants Rooms (x3)	57.1
Meeting & Training Rooms, Library	106.98
Technical and Monitoring Spaces	
Meteorological Watch Office	60.00
Observatory Hall	75.00
Data Archive, Server, Recording & Soundproof Rooms	63.47
Classroom	33.11
Support & Staff Facilities	
Dinning, Kitchen, Prayer Room	47.12
Toilets	61.91
Changing Room, Lockers, Bedrooms & Living Area	87.49
Storage & Utilities	
Storeroom, Repair Room, Garage	102.01
Subtotal Ground Floor	412.23
Subtotal First Floor	315.54

2.2.2 Installation of radar system

The radar system, to be installed at Gan International Airport, will operate at a wavelength of approximately 10 cm with a 1° beamwidth. It will provide continuous automated monitoring of rainfall intensity, wind velocity, thunderstorms, and severe weather conditions across the southern atolls. Supporting civil work includes a radar tower of up to 24 m in height and associated functional spaces. Once commissioned, the building and radar will function as an integrated facility, linking real-time meteorological data collection with operational

capacity in Addu and central forecasting offices in Malé. The following Table 2 provides information on the proposed radar building.

Table 2: Components of Radar Buildings and their dimensions

Component	**Estimated Area (m^2)**	**Purpose/Function**
Radar Equipment Room	50	Houses transmitter, receiver, control systems, signal processor
Appliance Room	70	Contains generators, UPS, fuel storage and air conditioning
Operations Room	10	Radar display, data processing and backup control station
Maintenance Room	25	Storage and workspace for calibration tools and spare parts
Radome Base (Tower Top)	30	Structural platform for antenna and radome (11 m diameter)
Maxiumum Building Height	24 m	Includes radar tower and antenna structure

The MMS building construction is funded by Global Environmental Facility (GEF) through Strengthening Low Carbon Energy Island Strategies project. The contractor for the MMS building construction is Waste Management Corporation (WAMCO). The Radar system construction and installation is funded by Asian Development Bank (ADB) through Enhancing Climate Resilience and Food Security Project. A contractor for Radar Installation works has not been recruited at the time of this report elaboration. Both MMS buildings and radar system will be operated and maintained by MMS.

2.3 Site information

The proposed project site lies within land officially handed over to the Maldives Meteorological Service (MMS) by Addu International Airport Pvt Ltd on 18 April 2024. No land acquisition or resettlement is anticipated, and there are no overlaps with Maldives National Defense Force (MNDF)-controlled areas. Vegetation clearance is not required, and the site is accessible via existing paved roads, subject to airport security protocols.

No environmentally sensitive areas or cultural heritage features exist within a 30-meter radius of the site. However, an old mosque and cemetery are located just outside the 30 m radius at about 36 meters away. This site will be protected throughout the construction

period, with no direct impact anticipated. A Chance Find Procedure (CFP) in accordance with the National Heritage Act (2019), National Heritage Regulation and ADB SPS have been developed to manage any item of cultural significance or human remains discovered during the excavation works.

The project site is located approximately 80 meters from the beach vegetation line. Although no formal land use plan has been issued for Gan, the island functions as an industrial aviation zone. A Land Use Strategy developed in 2009 outlines a long-term vision for efficient and economic development in Gan, Addu Atoll.

2.4 Utilities

During the construction phase, electricity will be obtained through substation located 150m west of the project site. Water used for construction activities will be groundwater or rainwater harvested. Wastewater will be managed by onsite septic tank.

During the operational phase, the MMS building will connect to existing electricity network in the island. Groundwater and rainwater will be used as water sources during the operational phase. In addition, a permanent septic tank will be used to manage the minimal quantities of wastewater generated from the MMS building.

All HVAC systems and appliances will meet "Hakathari" energy-efficiency standards. A 22 kWp solar PV system (216.6 m^2) with an estimated output of 34,531 kWh/year is planned, capable of offsetting about 23% of annual energy demand.

The radar tower will be equipped with a 3-phase current transformer, backup generators with adequate fuel storage, air conditioning, a UPS system, and other electrical appliances. All systems will be connected to the existing power grid and utility services for water and sanitation. Generators will operate only as backup, ensuring minimal diesel use during normal operations.

2.5 Waste Management

Construction Phase: During construction, waste will be managed through licensed contractors for treatment, recycling, or safe disposal. Rubbish and debris will be cleared regularly, and a site-specific Waste Management Plan will guide waste separation, collection, storage, and disposal in line with the reuse-recycle-dispose hierarchy. The plan will also cover record keeping, bulk fuel storage, vehicle maintenance, subcontractor compliance, spill response, soil protection, and worker training. Used oil and filters will need special handling. The contractor will coordinate with Gan Airport and WAMCO Addu for proper disposal.

Operational Phase: Waste generated during operations will be managed under existing waste collection contracts between WAMCO Addu and Gan Airport.

2.6 Construction Methodology

Site Preparation and Mobilization

- Mobilization of machinery, fencing of the site, and setup of temporary facilities (site office, material storage, worker accommodation if required)
- Site clearing and marking of the building footprint. This area is already on a cleared site, and no mature trees will be felled as part of site clearance.

Excavation and Dewatering:

- Excavation carried out using an excavator to a depth of 1.5 – 2 m below ground level.
- Soil Volume: suitable material retained for backfilling, excess transported to a licensed waste management facility.
- Dewatering: Given the likelihood of encountering the groundwater table at this depth (approx. 1 m below ground level), localized dewatering will be required. A small-scale sump pit and pumps will be used to maintain dry excavation conditions.

Foundation Works

- Foundation type: Reinforced concrete raft foundation
- Shoring: Sheet piles and horizontal bracing installed concurrently with excavation to stabilize loose sandy soils.
- Monitoring: Continuous observation and recording of ground movement and structural integrity during foundation works

Radar Tower Construction

- Tower Assembly: Steel tower sections will be prefabricated off-site and delivered to the project location. These sections will be assembled at ground level into larger modules to streamline erection works.
- Erection and Installation: Cranes will be used to lift and position the assembled tower modules into place, section by section. The radome base will also be mounted during this phase. All lifting and installation activities will be carried out in accordance with safety protocols and manufacturer guidelines.
- Equipment Installation: Radar antennas and associated equipment will be installed on top of the radome structure using cranes and temporary scaffolding where needed. Final electrical and communication connections will be completed by specialized technicians.

Radar Building and MMS Building Construction

Finishing Works

- Construction of external and internal walls using hollow blocks
- Plastering and surface finishing of exterior walls
- Electrical conduit laying, switchboards, lighting, and power systems

Plumbing network

- Installation of fire safety systems including sprinklers, alarms, and extinguishers
- Provision for air conditioning and mechanical ventilation systems
- Wall finishing, flooring, tiling, ceiling works
- Installation of doors, windows and fittings

2.7 Machinery and Equipment

The following are the machinery and equipment expected to be used for the construction phase of the project.

- Excavators
- Cranes
- Concrete mixers and pumps
- Dump trucks and skid steers
- Scaffolding and heavy-duty ladders
- Welding and power tools
- Safety equipment for personnel

2.8 Construction Material Storage

On-site Storage: Cement, aggregates, and sand will be delivered based on consumption and stored on-site. In addition, the contractor will store bulk quantities at the site to secure the required quantities in case there is a shortage in the market.

2.9 Workforce

The following Table 3 provides detailed information on the workforce of the proposed project. They are applicable to the construction phase of the project and both WAMCO and contractor for the radar works.

ADB SPS requires a robust framework for workplace equity by prohibiting discrimination across the entire employment lifecycle, from initial recruitment to final termination. In addition, decisions need to be made based on professional merit while proactively

implementing measures to support vulnerable or disadvantaged groups, such as migrant workers and people with disabilities. This ensures that project-related employment remains inclusive and that structural barriers do not prevent marginalized individuals from accessing economic opportunities. Provisions of fair wage and worker welfare provisions will be included in the contract signed between the proponent and the contractor.

In addition, protective protocols such as signing of Code of Conduct (CoC) with contractor 'employees will be practices ensuring that the prevention and mitigation of Sexual Exploitation, Abuse, and Harassment (SEAH).

Beyond fair hiring practices, the policy prioritizes the physical and psychological safety of the workforce through a zero-tolerance approach to violence and exploitation. It explicitly mandates the prevention and mitigation of Sexual Exploitation, Abuse, and Harassment (SEAH), requiring borrowers to establish protective protocols and clear accountability structures. By integrating these safeguards, the ADB aims to foster a professional environment where all workers are protected from harassment and have access to secure, dignified working conditions.

Table 3: The workforce for the proposed project

Labor Force	Technical and Engineering	Project Management	Safety
• Crane Operator • Excavator Operator • Truck Driver • Masonry Laborers • Concrete workers • General Laborers	Civil and Structural Engineer MEP Engineer Rada system Technician Electrical Technician HVAC Technician Fire System Safety Technician	Project Manager Site Supervisor Site Engineer	Environment, Health and Safety Officer First Aid trained personnel

2.10 Project Schedule

The following Table 4 and Table XX provides the project schedule for the construction phase of the project.

Construction of MMS building

Table 4: The project schedule for construction of MMS building

Activity	Months											
	1	2	3	4	5	6	7	8	9	10	11	12
Site Preparation and Mobilization												
Excavation and Dewatering												
Foundation Works												
Concrete Works												
Utilities Installation												
Finishing Works												

Construction of Radar System

Table 5: Schedule for the radar installation works

Activity	Months											
	1	2	3	4	5	6	7	8	9	10	11	12
Site Preparation and Mobilization												
Excavation and Dewatering												
Foundation Works												
Tower Construction												
Supporting Building Construction												
Installation of Radome												
Utilities Installation												
Finishing Works												

2.11 The project inputs and outputs

Table 6 provides a synthesis of major project inputs and outputs including how the resources will be sourced for the project. This synthesis is closely linked to identifying potential impacts of the project and recommendation of associated mitigation measures.

2.11.1 The project inputs

The following Table 6 provides information on the project inputs.

Table 6: The project inputs for the proposed project

Phase	Major inputs	Source/Type	How resource will be obtained/Remarks
Construction/ Installation Phase	Construction materials	Cement, steel bars, aggregates, sand, reinforced concrete, bolts and nuts, timber, paint, masonry blocks, hydraulics and drainages including UPVC pipes and fittings	All the construction material will be purchased locally or will be transported from Male' city via sea vessels. These suppliers will be checked whether they meet ADB standards for 2009 Safeguard Policy Statement (SPS).
	Machinery/ Equipment	Excavator Cranes Concrete mixers and pumps Dump trucks and skid steers Scaffoldings and heavy-duty ladders Welding and power tools Safety equipment for personnel	To be obtained and operated by the contractor. Contractor will be required to bring to the site. Machines to be in good working conditions to avoid loss of time and environmental impacts due to breakdown of machines, vehicles and equipment.
	Workforce	Excavator Operator, Truck Driver, Masonry Laborers, Concrete workers, Civil and Structural Engineer, MEP Engineer Electrical Technician	Contractor is responsible for the labour workforce during construction period. The contractor will be checked whether they meet the requirement of ADB

		HVAC Technician Fire System Safety Technician Project Manager Site Supervisor Site Engineer Environment, Health and Safety Officer First Aid trained personnel	standards for 2009 Safeguard Policy Statement (SPS).
	Water	As per demand	The water required for the project will be ground well and rainwater harvesting.
	Electricity	As per demand	The electricity needs of the project will be catered from a substation about 150 meter west of project site.

2.11.2 The project outputs

The following Table 7 provides details of the project outputs.

Table 7: Details of the project outputs

Phase	Major outputs	Source/Type	Remarks
Construction Phase	Excavated sand	Excavation for foundation works	To be used for backfilling.
	Groundwater removed due to dewatering	Dewatering for the foundation works	Dewatering will be done to a nearby open land.
	Construction waste	1-2 tons per day	Collected and transported to Waste Management Center in Addu City

	Wastewater	Minor quantities	To be disposed via a septic tank constructed at the project site.
	Waste oil and lubricants	Minute amounts	Will be collected on separate containers and transferred to Interim Hazardous Waste Storage Facility in Addu City.
	Air pollution	Debris in minute quantities	The air pollution is expected to be short-term and localized.
	Noise Pollution	Approximately >80 db	Expected to be minimized by site demarcation barriers. Earmuffs will be made available for the workers.
Operational Phase	General Waste	Large quantities	Will be collected at site and outsourced to waste collection services by WAMCO.

3. EXISTING ENVIRONMENT

The project is located in S. Gan. The proposed location is at the southwestern side of S. Gan. The Figure 2 shows the proposed location of the MMS building and Radar site in S. Gan International Airport.

Figure 2: Proposed location for the MMS building and Radar Installation Site in Gan International Airport

3.1 Project Location

The proposed project site is vacant plot with no major vegetation. The following Figure 3 shows the proposed project location.

Figure 3: The proposed project location for MMS building and Radar Installation in Gan International Airport

3.2 Culturally Significant Site near the project location

A culturally significant site (Gan Friday Mosque) is located at the eastern side of the proposed project location. The culturally significant site is an old mosque and cemetery. This site has been included as a culturally significant site in the National Heritage Registry published in national gazette on 27th March 2019. This registry was developed as per the National Heritage Regulation in 2022. The Figure 5 shows the status of the site. A buffer zone of 40m is set from the project site and the culturally significant site. The Figure 4 shows the buffer zone between the project site and the culturally significant site.

In addition, a project specific Chance Find Procedure (CFP) has been developed in consultation with National Center for Culture and Heritage. This CFP is included in Annex 03 of this report.

Figure 4: Buffer zone between the project site and culturally significant site (Gan Friday Mosque and Cemetery)

Figure 5: Culturally Significant Site (Gan Friday Mosque) near the project site

4. LEGAL AND REGULATORY FRAMEWORK RELEVANT TO THE PROJECT

This section of the report provides details of the legislation, regulations and policies which are relevant to the proposed construction of meteorological office and radar system in Gan International Airport. This chapter will consider the national requirements and requirements of Asian Development Bank (ADB) Safeguards Policy Statement (2009).

4.1 Applicable Laws and Regulations

4.1.1 Environmental Protection and Preservation Act (Act no. 4/93)

The Environmental Protection and Preservation Act is the main legal framework for environmental protection in the Maldives. This law is the main legal instrument that requires all the development projects which may have a significant impact on the environment undergo environmental impact assessment process. The EIA process is administered by the Environmental Regulatory Agency (ERA) on behalf of the Ministry of Climate Change, Environment and Energy (MoCCEE).

Article 2 of the Environmental Protection and Preservation Act has given mandate for MoTE to formulate relevant policies and regulations to preserve and protect the environment of the Maldives. These regulations and policies which are relevant for the project have been discussed in this section.

Article 5 (a) addresses the submission of an EIA. It states that any developing project that may have a potential impact on the environment requires an EIA submission. As per the article the MoTE is responsible for developing relevant regulations responsible for administration of the EIA process in the Maldives. These include implementation of EIA process and quality assurance of the EIA system in the Maldives.

Applicability to the proposed project

In order to ensure compliance with this legislation, an EIA is carried out prior to the construction phase of this project.

4.1.2 Environmental Impact Assessment Regulation (2012) and subsequent amendments

The first amendment to the environmental impact assessment in 2012, outlined the prime EIA procedures to be conducted and the process which development projects which require EIA should follow. It also enlisted the project which will require an EIA study to be conducted prior to the commencement of the project.

The second amendment to the environmental impact assessment regulation in 2015, excluded tourism sector related EIAs as EIA process and procedures related to tourism sector development was included in the Tourism Act (Law no. 22/99). The second amendment to the environmental impact assessment regulation also included certain administrative changes to the EIA process in the Maldives.

The third amendment to the environmental impact assessment regulation was brought in 2019. This amendment reversed that inclusion of the EIA process and procedures related to tourism sector development to the Tourism Act (Law no. 22/99). The Ministry of Environment was given the mandate to administer the EIA process tourism sector projects as well.

Applicability to the proposed project

A screening document was prepared by the proponent and submitted to ERA. A Screening Decision Statement (DS) was issued by ERA which states that an EMP is required prior to any construction works of the project. This DS is included in Annex 04 of this report.

4.1.3 Environmental Damage Liabilities Regulation (2011)

As a regulation under the Environmental Protection and Preservation Act (No. 4/93), the Ministry of Environment and Energy has formulated the Environmental Damage Liabilities Regulation in February 2011. This regulation includes the basis to avoid environmental deterioration, extinction of biological resources, environmental degradation and avoid wastage of natural resources.

The prime purpose of this regulation is to cease any unlawful activities on environment and implement a punitive procedure for violations and also implement a compensation mechanism on environmental damages. The Schedule of this regulation forms the basis for levying fines on various environmentally damaging components and activities.

Applicability to the proposed project

The proposed project will be subject to this regulation for any activity outside of the EIA scope and EIA decision statement.

4.1.4 Regulation on Aggregate and Sand mining

Sand and Aggregate rocks from coastal and marine areas is one of the resource obtained locally for the construction purposes in the Maldives. The regulation on aggregate and sand mining is aimed to regulate extraction of sand and aggregate rocks in the Maldives. The main provisions under the regulation include;

- Sand mining from uninhabited islands that have been leased;
- Sand mining from the coastal zone of other uninhabited islands;

- Aggregate mining from uninhabited islands that have been leased and from coastal zones of other uninhabited islands.

Coral mining from the house reef of the islands and the atoll rim has been banned through a directive from the President's Office on 26th September 1990. Under the Article 7 (c) of the regulation on sand and coral mining issued by the Ministry of Fisheries, Agriculture and Marine Resources (MoFAMR) on the 13th March 2000, it is an offence to mine sand or coral from the beach, lagoon or reef of any inhabited island or an island leased for the tourism purpose.

Applicability to the proposed project

In order to comply with the regulation all the sand and aggregates required for the project will be imported from abroad.

4.1.5 Water and Sewerage Act 2020

The main provisions under this act include the following;

- The provision of safe and healthy drinking water to all residents in the Maldives
- Ensure an adequate and sustainable sewerage systems are installed in all inhabited islands of the Maldives
- Protection and sustainable use of water resources in the Maldives
- Ensure the provision of safe water and sanitation facilities in all industrial islands of the Maldives
- Regulation of water and sanitation service providers
- Stipulating responsibilities of the suppliers for water and sanitation and ensuring the rights of those getting the service.
- Formulation of long term action plans related to water and sanitation
- Introduction of penalties for those that intentionally harm water resources and sewerage systems
- Promote private sector participation
- Reduction of impacts to the environment when installation of water and sanitation facilities
- Promote participation and engagement of the general public in the water and sanitation sector
- Building human resource capacity in the sector

Applicability to the project

The project will meet all the provisions under the act through mitigation measures to reduce any possible impact on water resources.

4.1.6 Dewatering Regulation (2021-/ R-20) and its amendment (2022/ R-138)

The main purpose of this regulation is to ensure that groundwater lens is protected and does not get contaminated during dewatering for construction projects. The regulation is currently enforced by the Utilities Regulatory Authority (URA). Previously this regulation was implemented by EPA. The main provisions under the regulation include the following;

- Application for dewatering permit
- Administrative Fee
- Water quality testing before application for dewatering permit
- Dewatering permit
- Identification of impact zone
- Procedure on the water that would be discharged
- Time required for dewatering
- Reporting to URA

Applicability to the proposed project

A dewatering permit will be applied prior to any dewatering works of the project.

4.1.7 Protection of Water Resources Regulation, 2021

This regulation is formulated under the Water and Sewerage Act (Law no. 8/2020) referring to Articles 20 and 58 (Zuhair 2024). The main objective of the regulation is to sustain and protect water resources in the Maldives and ensure sustainable use of water resources in the Maldives. The main articles which are relevant to the proposed project include the following;

- Article 4: states that the regulation will be implemented by URA
- Article 5: states that all the permits need to be obtained from URA.
- Article 6: states that groundwater resources are protected under Article 8 of the Water and Sewerage Act (Law no. 8/2020) hence shall not undertake any activity which deteriorates the resource. In addition, Article 8 states that dewatering permit can be issued by URA for construction works.
- Article 8: states that all buildings shall be designed in such a way to collect rainwater from roof/terrace as well as overflow of water storage tanks to appropriately drain into the ground.

Applicability to the proposed project

The project will obtain a dewatering permit from URA prior to any dewatering works. There will be no utilization of groundwater during construction or operational phase of the project.

4.1.8 Maldives National Building Act 4/2017

Published on 23 April 2017, the Maldives National Building Act (4/2017) stipulates measures to ensure compliance issues with buildings, provision of access for people with disabilities, building consent procedures, building supervision, roles and duties of all parties concerned with development including the regulatory authority, building owners, developers and contractors, occupation of the buildings, licensing of building practitioners.

The Act also establishes the "Maldives Building and Construction Board" which is responsible for advising the Minister and other relevant actors on matters specified in the Act. The Board is composed of 7 appointees, from both private and public sector, who can sit on the board for 2 consecutive 2-year terms.

Some other key areas covered by the Act include the creation of a standardised building code, a fine regime for persons who do not comply with the Act and subsequent Regulations, giving priority to Maldivian workers in the construction sector and guaranteeing compensation for services rendered. The Act also provides a dispute resolution mechanism for parties who seek to contest fines and other actions taken against them under this Act. The dispute must be lodged within 14 days of the action and a response to the disputed action must be given within 1 month.

The Act also stresses on the importance of engaging locals in building construction projects and also highlights fines for non-compliance of the various clauses given within the Act.

Applicability to the project

The proposed project will meet all the provision outlined in the act.

4.1.9 Maldives Building Code (2019/ R-2020)

This regulation stipulates the standards regarding buildings in the Maldives. The main provisions under this regulation include;

- Ensure that buildings are safe and that no harm is caused to the people that use the building
- To promote wellness and health of the people that use the building
- Installation of emergency response measures in the building and evacuation routes
- Designing of the building to promote sustainable development
- Determine functional requirement

- Determine performance criteria
- Formulation of compliance document as a verification method for acceptable solution to achieve functional requirement and performance criteria

Applicability to the proposed project

The proposed project will meet all the requirements of Maldives Building Code.

4.1.10 Waste Management Act (Law no. 24/2022)

The Waste Management Act came into force on 2022 and main regulatory authorities which implements this act include URA and ERA. The main provisions outlined under this act include the following;

1. Governance structure for waste management;
2. Institutional Arrangements and roles of institutions for waste management;
3. Waste Reduction
4. Planning for waste management
5. Providing waste management services
6. Single-Use Plastics
7. Plastic Bag Fee
8. Hazardous waste management
9. Establishment of Waste Management Centers, Handling, Transport and Stocpiling of Waste.
10. Pollution Prevention
11. Collection of waste management data and waste auditing
12. Punitive Measures for non-compliance

Applicability to the project

All the provisions outlined in the project will be adhered during the construction and operational phase of the project.

4.1.11 Waste Management Regulation (No. 2013/R-38)

Waste Management Regulation (No. 2013/R-58) came into effect on 6 February 2014. The Regulation was gazetted on 05 August 2013. The regulation provides a set of comprehensive guidelines on collecting, storing, transporting, and managing waste as well as management of hazardous waste. The waste management regulation prohibits dumping of waste on to parks and roads, protected areas under the Environmental Protection and Preservation Act. Moreover, waste management regulation states that those involved in waste management must be permitted by the ERA.

Applicability to the project

The project will meet all the requirements outlined in this regulation both during the construction phase and operational phase of the project.

4.1.12 Mosquito Control Regulation 2007

This regulation was published by the Ministry of Health in 2007. The Clause 3 of the regulation provides responsibilities of landlords and developers on prevention of mosquito growth in households and buildings. These include prevention of open waterlogged areas, cleaning gutters, and pipes. Clause 4 of the regulation deals with prevention of mosquito growth during building construction and repair/maintenance works. The penalties for not adhering to the Clauses of the regulation as stated by the regulation are very small and are almost negligible. Heavier penalties may be imposed by Health Protection Agency (HPA) if mosquito breeding becomes a persistent issue in the building area, and if not controlled after several inspections and warnings. As such Clause 9.3 states HPA can take legal action against developers under such a scenario.

Applicability to the project

The project will adhere to this regulation through diesel fogging during the construction phase of the project.

4.1.13 Construction Site Health and Safety Regulation (2019/R-156)

This regulation is implemented by the Ministry of Construction and Infrastructure (MCI). As per the regulation the following measures are mandatory for the contractors to implement during any construction works;

- Provide personal Protective Equipment (PPE) to all workers
- Conduct Health and Safety Induction sessions for all workers
- All workers must complete the Health and Safety Training when they commence work
- Contractors must have Health and Safety Plan and Emergency Plan and workers must be trained to follow them
- Contractor must ensure all works are being carried out in accordance to the Health and Safety Plan
- Health and Safety boards must be erected at the Works site.
- Warning sign boards and speed limits should be set at site.
- Contractor must ensure safety at adjacent properties and undertake precautionary measures to prevent damages to nearby properties
- Contractor must provide safe passage for the public when the works are carried out
- Site must have health and safety supervisor to assess the health and safety of site

- Health and safety supervisors should record all accidents on site and inform the head office.

Applicability to the proposed project

The proponent will work with the contractor to ensure that all the provisions outlined in the regulations are met during the construction phase of the project.

4.1.14 National Heritage Act (Law no. 12/2019)

The National Heritage Act (Law No. 12/2019) provides a formal legal framework for the identification, documentation, and preservation of the Maldives' cultural legacy. It covers both tangible assets—such as ancient coral stone mosques, archaeological sites, and shipwrecks—and intangible heritage, including traditional crafts and folklore. Central to this law is the National Heritage Registry, which grants permanent legal protection to registered items and sites. By establishing the National Centre for Cultural Heritage, the Act ensures that the nation's history is managed through a centralized authority capable of overseeing research and enforcement.

A critical aspect of the legislation involves strict regulatory controls and mandates for protection during development. The Act prohibits the unauthorized export or destruction of heritage items and requires individuals to report any historical discoveries made during excavation or construction. It also outlines the responsibilities of the state to maintain and restore these assets using authentic methods. For those involved in infrastructure or land development, the Act necessitates careful coordination with heritage authorities to ensure that project activities do not inadvertently damage undocumented archaeological or historical resources.

Applicability to the proposed project

Gan Friday Mosque is a culturally significant site included the National Heritage Registry and a CFP is developed to meet the requirement of this Act.

4.1.15 National Heritage Regulation

The National Heritage Regulation operationalizes the 2019 Act by establishing the technical and administrative procedures required to protect the Maldives' cultural assets. A central component of this framework is the National Heritage Committee, a multi-disciplinary body of experts including architects, researchers, and policymakers. The main mandated tasks are formal classification and valuation of heritage sites. These regulations empower the National Center for Cultural Heritage to maintain the National Heritage Registry and oversee

the strict protocols for restoration, which mandate the use of traditional materials and scientifically justified methods to preserve a monument's historical authenticity.

In the context of land use and infrastructure, the regulations integrate heritage protection into the development process through mandatory Heritage Impact Assessments (HIAs). Proponents of development projects are legally required to identify and safeguard any historical or archaeological resources within their project boundaries, often necessitating specific buffer zones such as the 5-meter un-built radius required in certain sectors to prevent physical encroachment. Furthermore, the regulations strictly criminalize the unauthorized export or destruction of registered items and establish clear reporting mandates for any artifacts discovered during excavation or underwater activities, ensuring that accidental finds are preserved as state property.

Applicability to the proposed project

A buffer zone of 50 meter buffer zone is placed between the culturally significant site (Gan Friday Mosque) and proposed project site to meet the requirement of this regulation.

4.2 Policies and Guidelines

4.2.1 ADB Safeguards Policy Statement (2009)

The Asian Development Bank (ADB) is currently transitioning from its Safeguard Policy Statement (SPS) 2009 to a modernized Environmental and Social Framework (ESF), which is set to become effective in 2026. While the 2009 policy focused on three primary pillars—environment, involuntary resettlement, and indigenous peoples—the new ESF expands this scope to ten comprehensive standards. This evolution includes dedicated focus areas for climate change, labor and working conditions, and stakeholder engagement, aligning ADB's requirements with contemporary international best practices and other major development banks.

The new framework shifts from a rigid procedural approach to a risk-based management system, utilizing a four-tier classification ranging from High to Low risk. This allows for more proportional oversight, ensuring that resources and mitigation efforts are concentrated where project complexities are greatest. For projects initiated before 2026, the original 2009 SPS remains the active standard, continuing its mandate to avoid, minimize, or compensate for adverse impacts while strengthening the internal safeguard capacities of borrower countries.

Applicability to the proposed project

The proposed construction of radar system in Gan International Airport is financed by ADB through Enhancing Climate Resilience and Food Security Project thus the ADB Safeguards Policy Statement (2009) is applicable to the proposed construction activities.

4.2.2 Environmental Guidelines for Concrete Batching Plants

ERA developed this guideline with the intention to help mitigate adverse environmental impacts that may arise while operating concrete batching plants. Some potential environmental impact of poorly controlled concrete batching plants includes;

- Discharge of highly alkaline wastewater
- Air pollution due to dust
- Noise pollution.

The main objective of the guideline includes minimization of waste generation, water and auxiliary chemicals.

Applicability to the proposed project

The proponent will ensure that the concrete batching plant to be used in the project will meet the requirements of this guideline.

4.2.3 Waste Management Policy

Ministry of Tourism and Environment (MoTE) has developed a framework for a national waste management policy. The main components of this policy include safe disposal of solid waste, ensuring safe disposal of chemical industrial and hazardous waste.

Applicability to the proposed project

The proposed project will fully adhere to the Waste Management Policy during construction and operational phase.

4.3 Administrative Consideration

Due to the cross-cutting nature of the proposed construction of meterological office building and radar system and as can be seen from the governing legal framework of the building construction projects as described above, a number of governmental agencies have a stake in the Project.

The most important government stakeholders of the Project are the Maldives Meterological Services (MMS) and the proponent Ministry of Climate Change, Environment and Energy (MoCCEE). The MoCCEE is responsible for EIA process in the Maldives. In addition, Gan international Airport Company Limited which is the company responsible for the land

management of Gan International Airport and the contractor for the project are identified as stakeholders.

4.3.1 Project Proponent (Ministry of Climate Change, Environment and Energy)

The Ministry of Climate Change Environment Energy (MoCCEE) is key ministry in the government mandated with the protection of the environment. Environmental responsibilities assigned to MoCCEE include formulating environmental policies, coordinating, preserving and management of the environment throughout the country, and enforcing Environmental Protection and Preservation Act (EPPA) (04/93). Under Article 5(a) of EPPA, Environmental Impact Assessment (EIA) is mandatory for projects that may cause potential harm to the environment. The EIA report must be submitted to Environmental Regulatory Authority (ERA) and approval needs to be obtained before commencement of a project. As per this legislation, any project that has any undesirable impact on the environment can be terminated without compensation.

In addition, MoCCEE is the proponent of the project. MoCCEE is an important stakeholder as they are responsible for ensuring that the contractor of the project, adhere to the proposed mitigation measures and monitoring regime prescribed in this EIA report.

4.3.2 Environment Regulatory Agency (ERA)

ERA is the key regulatory body on environment, which is a department formed under the umbrella of the MoCCEE. It is mandated with implementing the EIA process in the Maldives, implementing the Environment Act and subsequent regulations on behalf of MoCCEE, regulating water and sanitation, biodiversity conservation, waste management and coastal zone management. Also, it is responsible for developing environmental standards and guidelines in the country.

4.3.3 Addu International Airport Private Limited

Addu International Airport Private Limited is the landowner of S. Gan and operator of Gan International Airport. As part of the stakeholder consultation, Gan International Airport Company Limited staff have been met, and their concerns have been noted.

4.3.4 Project Contractor

The contractor for construction of MMS building will be WAMCO and Contractor for Radar system installation is not selected at the time of this report. The tender for contractors is on-going. The project contractor will be responsible for the implementation of the proposed mitigation measures outlined in this report.

4.3.5 Maldives Meteorological Services (MMS)

MMS has ownership of the land in which MMS building is currently constructed. In addition, MMS is responsible for ensuring the sustainability of the MMS building and Radar system constructed under the project through allocation of budget for the operations of Radar system.

4.4 Permits Obtained and Required

The following Table 8 enlists the permits which are required from the government agencies prior to construction of meteorological office building and radar system in Gan International Airport.

Table 8: Information on the permits required for the project

Name of Permit	Relevant Authority	Timeline for permit application	Status
Construction Permit	Addu International Airport Pvt Ltd	Prior to the construction phase of the project	Completed
Decision Statement for the EIA report	Environmental Regulatory Agency (ERA)	Prior to the construction phase of the project.	Pending
Dewatering Permit	Utilities Regulatory Authority (URA)	Prior to dewatering works during construction phase of the project	Pending
Aviation Height Clearance	Maldives Civil Aviation Authority (MCAA)	Prior to the construction phase of the project.	Pending

5. ENVIRONMENTAL AND SOCIAL IMPACTS

5.1 Introduction

This section of the report provides a detailed description of the methodology used to identify, predict and assess the environmental and social impacts due to construction of meteorological office and radar system in Gan International Airport. First, the potential impact will be identified and then the identified impact will be evaluated to determine its level of significance. This section consists of the method used for impact assessment, the limitations and uncertainties, the justification for the method used for impact prediction and description of impacts during both installation and operation phase of the project.

5.2 Method Used for Impact Prediction

The impacts on the natural and social environment that may be caused by the project interventions are predicted and is distinguished from construction and operation phases of the project. A simple descriptive matrix has been utilized to predict the aforementioned impacts. The impact prediction was done using expert judgement and professional opinions of the EIA consultant. Once the impacts have been predicted, a detailed description has been given for the purpose of understanding the nature and type of the impact.

An impact is any change to a resource or receptor brought about by the presence of a project component or by the execution of a project related activity. The evaluation of baseline data provides crucial information for the process of evaluating and describing how the project could affect the biophysical and socio-economic environment.

Impacts are described as a number of types as summarized in Table 7. Impacts are also described as associated, those that will occur, and potential, those that may occur;

Table 9: Types of Impacts (adapted from ERM 2008)

Nature or Type	Definition
Positive	An impact that is considered to represent an improvement on the baseline or introduces a positive change.
Negative	An impact that is considered to represent an adverse change from the baseline, or introduces a new undesirable factor.
Direct	Impacts that result from a direct interaction between a planned project activity and the receiving environment/receptors (e.g. between occupation of a site and the pre-existing habitats or between an effluent discharge and receiving water quality).
Indirect	Impacts that result from other activities that are encouraged to happen as a consequence of the project (e.g. in-migration for employment placing a demand on resources).
Cumulative	Impacts that act together with other impacts (including those from

	concurrent or planned future third-party activities) to affect the same resources and/or receptors as the project.

5.3 Analysis of the Significance of the predicted impacts

The analysis of environmental impacts is done in terms of their level of significance. According to Environmental Resource Management 2008, Significance is a function of the magnitude of the impact and the likelihood of the impact occurring. Impact magnitude (sometimes termed severity) is a function of the extent, duration and intensity of the impact. The criteria used to determine significance are summarized in Table 10. Once an assessment is made of the magnitude and likelihood, the impact significance is rated through a matrix process as shown in Table 11. For ease of review, the significance rating is colour-coded in the text according to Table 12. Outlined in

Table 13 are the various definitions for the significance of an impact.

Significance of an impact is qualified through a statement of the degree of confidence. Confidence in the prediction is a function of uncertainties, for example, where information is insufficient to assess the impact. Degree of confidence is expressed as low, medium or high.

Table 10: Criteria used to assign level of significance.

Magnitude – the degree of change brought about in the environment	
Extent	**On-site:** impacts that are limited to the Site Area only. **Local:** impacts that affect an area in a radius of 20 km around the development area. **Regional:** impacts that affect regionally important environmental resources or are experienced at a regional scale as determined by administrative boundaries, habitat type/ecosystems. **National:** impacts that affect nationally important environmental resources or affect an area that is nationally important/ or have macro-economic consequences. **Transboundary/International –** impacts that affect internationally important resources such as areas protected by international conventions.
Duration	**Temporary:** impacts are predicted to be of short duration and intermittent/occasional. **Short-term:** impacts that are predicted to last only for the duration of the construction period.

	Long-term: impacts that will continue for the life of the project, but ceases when the project stops operating. **Permanent:** impacts that cause a permanent change in the affected receptor or resource (e.g. removal or destruction of ecological habitat) that endures substantially beyond the project lifetime.
Intensity	***BIOPHYSICAL ENVIRONMENT***: Intensity can be considered in terms of the sensitivity of the biodiversity receptor (E.g.: habitats, species or communities). **Negligible:** the impact on the environment is not detectable. **Low:** the impact affects the environment in such a way that natural functions and processes are not affected. **Medium**: where the affected environment is altered but natural functions and processes continue, albeit in a modified way. **High:** where natural functions or processes are altered to the extent that it will temporarily or permanently cease.
	SOCIO-ECONOMIC ENVIRONMENT: Intensity can be considered in terms of the ability of project affected people/communities to adapt to changes brought about by the project. **Negligible:** There is no perceptible change to people's way of life. **Low:** People/communities are able to adapt with relative ease and maintain pre-impact livelihoods. **Medium:** Able to adapt with some difficulty and maintain pre-impact livelihoods but only with a degree of support. **High:** Those affected will not be able to adapt to changes and continue to maintain pre-impact livelihoods.
Likelihood - the likelihood that an impact will occur	
Unlikely	The impact is unlikely to occur.
Likely	The impact is likely to occur under most conditions.
Definite	The impact will occur.

Table 11: Significance Rating Matrix

SIGNIFICANCE				
		LIKELIHOOD		
		Unlikely	Likely	Definite
MAGNITUDE	Negligible	Negligible	Negligible	Minor
	Low	Negligible	Minor	Minor

	Medium	Minor	Moderate	Moderate
	High	Moderate	Major	Major

Table 12: Significance Color Scale

Negative Ratings	**Positive Ratings**
Negligible	Negligible
Minor	Minor
Moderate	Moderate
Major	Major

Table 13: The definition of difference levels of significance

Significance definitions	
Negligible significance	An impact of negligible significance is where a resource or receptor will not be affected in any way by a particular activity, or the predicted effect is deemed to be imperceptible or is indistinguishable from natural background levels.
Minor significance	An impact of minor significance is one where an effect will be experienced, but the impact magnitude is sufficiently small and well within accepted standards, and/or the receptor is of low sensitivity/value.
Moderate significance	An impact of moderate significance is one within accepted limits and standards. The emphasis for moderate impacts is on demonstrating that the impact has been reduced to a level that is as low as reasonably practicable (ALARP). This does not necessarily mean that "moderate" impacts have to be reduced to "minor" impacts, but that medium impacts are being managed effectively and efficiently.
Major significance	An impact of major significance is one where an accepted limit or standard may be exceeded, or large magnitude impacts occur to highly valued/sensitive resource/receptors. A goal of the EIA process is to get to a position where the project does not have any major residual impacts, certainly not ones that would endure into the long term or extend over a large area. However, for some aspects there may be major residual impacts after all practicable mitigation options have been exhausted (i.e. ALARP has been applied). An example might be the visual impact of a development. It is then the function of regulators and stakeholders to weigh such negative factors against the positive factors, such as employment, in coming to a decision on the project.

5.4 Limitations and the uncertainties of the impact assessment methodology

The following aspects are considered as limitation and the uncertainties which may be involved in the impact assessment process;

- All the potential environmental aspects have been predicted and assumed for the proposed project development hence they may differ in the natural context such as site conditions and uncertainties in scales and magnitude.
- Expert judgement and professional opinion of the EMP consultant were enhanced using the existing EIA reports of similar nature, however due to the unique nature of coastal processes, lagoons and reef system in the Maldives each island is unique. Hence the predicted environmental impacts may vary from island to island.

5.5 Justification for the Methodology used

There are many various methodologies used for impact assessment in environmental context. One of the most commonly used methodologies include check lists and matrices such as Leopold Matrix (Lohani et al., 1997) The Leopold matrix was conceived by geologist Luna B. Leopold and his colleagues in 1971, as a response to the US Environmental Policy Act of 1969, which didn't give clear instructions to the Federal Government agencies for preparing an impact report or for examining the environmental effects of the projects that an agency plans. The Leopold matrix addressed this challenge by 'providing a system for the analysis and numerical weighting of probable impacts' (Josimovic et al., 2014).

According to the Leopold matrix method, EIA should consist of three basic elements:

- a listing of the effects on the environment that the proposed development may induce, including the estimate of the magnitude of each of the effects;
- an evaluation of the importance of each of listed effects (e.g., regional vs. local); and
- a summary evaluation, which is a combination of magnitude and importance estimates.

The impact assessment method used in this report is a matrix which is derived from the Leopold Matrix however this method uses a colour code to assign the significance level of each predicted impact. This method has been adapted from Environmental Resource Management (2008).

Leopold Matrix is an effective impact assessment methodology which has been extensively used by EIA practitioners across the world. The colour coding enhances Leopold Matrix further. Since EMP is a technical report which are read by both technical experts of different fields as well as the general public, the colour coding of the significance level will enhance the report in a manner which would be easily comprehended by general public and people with no technical expertise in this field.

5.6 Impact Prediction

The environmental impacts of the proposed deployment and operation of sea plane platform and overnight buoys in project are predicted in this section of the report by using a simple descriptive matrix. The following matrix distinguishes the types of environmental impacts that may be associated with various project actions on key environmental components and distinguishes whether these are impacts during construction period or during post-construction and operations period.

The following Table 14 predicts the nature and types of environmental impacts based on the existing environmental condition of the islands and the surrounding environment;

Table 14: Impact Assessment Matrix for the proposed construction of meteorological office building and radar system in Gan International Airport

Project Activity	**Bio-physical Environment**		**Socio-economic Environment**	
	Soil & Groundwater	**Air & Noise**	**Services & Infrastructure**	**Health & Safety**
Construction Phase				
Excavation	Potential impacts on the soil environment including the flora and fauna at the project site.	Excessive dust from earthworks and construction traffic	No significant impacts	No significant impacts
Construction Activities	Groundwater may be affected due to accidental spillage of wastewater at the construction site.	Short-term exposure to dust due to usage of cement on the construction site. Noise pollution and disturbance for nearby residents of the project site.	No temporary livelihood restrictions, impacts on airport workers or public access to airport is anticipated due to isolated nature of the project site.	Potential fall of objects and other accidents may occur Exposure dust from cement and offensive smell from paints and other chemicals. Importation of transmissible diseases by construction workers
Dewatering	Short-term loss of groundwater from the project boundary and vicinity of the project site.	No significant impact	Short term decline in groundwater quality for the close by plots Road blockage due to installation of dewatering pipes.	Potential breeding site for mosquitos.

Operation of construction machinery & vehicles	Potential contamination of groundwater from oil-spill from machineries	Noise disturbances due to operation of heavy machineries	Damage to roads due to transport of heavy machinery Road blockage during transport of heavy machinery and concrete batching	Potential accidents during the operation of heavy machinery and vehicles.
Construction waste	Potential to pollute the groundwater Land degradation	No significant impacts	Additional burden to existing waste management system in Addu City.	Potential public health impacts and nuisance.
Operational Phase				
Operations of MMS building and Radar System	No Significant impact	No significant impacts	Improved meteorological observation and forecasting at Gan International Airport. Safer aviation procedure with improved meteorological data.	Potential accidents during maintenance of installed radar system.

The above Table 14 illustrates project activities both during the construction and operational phase. The impacts of these project activities are predicted both for the biophysical and the socioeconomic environment of proposed project area in S. Gan is also shown Table 14. The following Table 15 is a summary of project activities which have the greatest impact on both natural and social environment respectively.

Table 15: Summary of project activities with the most significant impact on both natural and social environment due to construction of meteorological building and radar system in Gan International Airport

Phase of the project	Natural Environment	Social Environment
Construction Phase	Excavation (Negative Impacts) Construction Activities (Negative Impacts) Dewatering (Negative Impacts) Operation of construction machinery & vehicles (Negative Impacts) Construction Waste (Negative Impacts)	Excavation (Negative Impacts) Construction Activities (Negative Impacts) Dewatering (Negative Impacts) Operation of construction machinery & vehicles (Negative Impacts) Management of construction waste (Negative Impacts)
Operational Phase		Operations of MMS building and Radar System (Positive and Negative Impacts)

5.7 Impact Analysis and Evaluation

This section aims to analyze and evaluate the environmental and social impacts due to the proposed construction of meteorological office building and radar system in Gan International Airport. The previously described impacts will be analyzed for their level of significance.

Table 16: Impact Assessment Matrix for the construction of a meteorological building and radar system in Gan International Airport

Project Activity/ Impact	Extent	Duration	Intensity	Likelihood	Significance	Color Scale
Construction Phase						
Excavation	Onsite	Short-term	Medium	Likely	Moderate	
Construction activities	Onsite	Short-term	Low	Unlikely	Minor	
Dewatering	Local	Short-term	Medium	Likely	Moderate	
Operation of construction machinery and vehicles	Local	Short-term	Low	Likely	Minor	
Construction Waste	Local	Short-term	Medium	Unlikely	Minor	
Operational Phase						
Operations of MMS building and Radar System	Local	Long-term	Medium	Unlikely	Minor	
Both Phases						
Positive Impacts	Local	Long-term	Medium	Definite	Moderate	

6. MITIGATION MEASURES

The main objective of the following section is to provide environmental and social management and mitigation measures that will be undertaken and monitored in order to minimize and offset previously described environmental and social impacts of the proposed construction of meteorological office building and radar system in Gan International Airport.

6.1 Justification for the proposed mitigation measures

The following factors were considered in order to evaluate the appropriateness of the proposed mitigation measures;

1. Costs;
2. Benefits;
3. required manpower;
4. equipment;
5. expertise;
6. timing and
7. technology

The proposed mitigation measures will be the most cost-effective, have the maximum benefits and requires minimum utilization of manpower and equipment. Furthermore, the practicality of the proposed mitigation measures will be given a high priority. The technical aspects of the different project components were considered when evaluating the proposed mitigation measures.

6.2 Limitations of the proposed mitigation measures

The main limitation of the proposed mitigation measures is that these mitigation measures are proposed for an impact which is predicted. Since the impact has been predicted, there is an uncertainty regarding how the impact will affect the natural environment when the actual project is implemented. The nature of impacts even from similar project activities undertaken in a different location in the country could generate in a totally different manner.

6.3 7.3 Proposed Mitigation Measures and implementation details

The following Table 17 describes the mitigation measures for all the project activities which may have a negative impact on the bio-physical and socio-economic environment.

Table 17: Proposed mitigation measures for each of the project activities which have potential environmental and social impacts

Project Phase	Project activity	Anticipated Environmental and Social Impact	Proposed Mitigation Measures
Construction Phase	Excavation	**Environmental Impacts** 1. Potential impacts on the soil environment including the flora and fauna at the project site. 2. Unsettling dust and other particulate matter will decline the air quality in the vicinity of the project site. **Social Impacts** **1.** Without proper signage, there may be potential accidents of falling into the trenches excavated.	1. Only the required area will be excavated, and the work will be completed as soon as possible. 2. The excavated material will be immediately transported out of the project boundary to an approved area. 3. Induction of the project workers as per the Chance Find Procedure will be done to protect any potential culturally significant material if unearthed.
Construction Phase	Construction Activities	**Environmental Impacts** 1. Groundwater may be affected due to accidental spillage of wastewater at the construction site. 2. Short-term exposure to dust due to usage of cement on the construction site. **Social Impacts** 1. Potential fall of objects and other accidents may occur	4. Construction work sign boards and fencing will be placed prior to construction phase; 5. Placement of safety and dust protection nets all around the building plot; 6. Enforcement of the mandatory use of safety equipment and gear at all times during the construction phase; 7. Excessive noise at night time will be avoided as all the construction activities are time bound.

		2. Exposure dust from cement and offensive smell from paints and other chemicals.	8. All the construction activities will be conducted within the project boundary. 9. All road blocking will be released at shortest possible time upon completion of the work; 10. The site will be demarked and completely covered using facades. 11. First Aid kits will be always maintained at the site. 12. Induction and Training to the workforce regarding H&S risks and mitigation measures (including indirect workers) tailored to project scope. 13. Contractor will sign a contract which include fair wage clauses, equal opportunity and prevention of child labor clauses as standard for all ADB funded project. 14. A Code of Conduct (COC) will be signed by each of the workers of project to prevent Sexual Exploitation and Abuse (SEA).
Construction Phase	Dewatering	**Environmental Impact** 1. Short-term loss of groundwater from the project boundary and vicinity of the project site.	1. The dewatering activities will commence only after obtaining the required dewatering permit from the URA and will be conducted according to the prescribed schedule; 2. A signage indicating that dewatering is in progress will be placed to inform

		2. Decline in groundwater quality including increase in turbidity and dissolved solids. **Social Impact** 1. Short term decline in groundwater quality for the close by plots. 2. Road blockage due to installation of dewatering pipes. 3. Potential breeding site for mosquitos.	the general public about dewatering activities. 3. The dewatering operations will be undertaken quickly to reduce the prolonged environmental impacts on the areas close to the project site. 4. Dewatering pipelines will be regularly monitored for physical damage and immediately rectify the issue. This will be done if dewatering is undertaken by contractor's equipment and machinery.
Construction Phase	Operation of construction machinery and vehicles	**Environmental Impact** 1. Potential contamination of groundwater from oil-spill from machinery 2. Noise disturbances due to operation of heavy machinery **Social Impact** 1. Damage to roads due to transport of heavy machineries; 2. Road blockage during transport of heavy machineries; 3. Potential accidents during the operation of heavy machinery and vehicles.	1. ERA guidelines will be followed during the operation of the concrete batch plant; 2. The materials will be transport in bulk to reduce the need of frequent transportation of the materials and reducing the impacts of noise and dust 3. The vehicles will be operated only within the project site and areas designated by the Addu International Airport Pvt Ltd Limited in order to avoid frequent road blockage. 4. Use only vehicles in appropriate technical condition. Provide

			emissions control equipment where applicable (e.g. filters).
Construction Phase	Construction Waste	**Environmental Impacts** 1. Potential to pollute the groundwater 2. Land degradation **Social Impacts** 1. Additional burden to existing waste management system in Gan International Airport. 2. Potential public health impacts and nuisances.	1. All the construction waste will be piled and segregated in an allocated location within the project site; 2. Re-use construction waste where ever possible in order to reduce waste required for disposal; 3. Regularly transport unusable construction waste Regional Waste Management Facility in Addu City. 4. Avoid transport of construction waste during rainy weather conditions; 5. Arrange transportation of construction waste such that peak traffic hours will be avoided in coordination with AIA and flight operations. 6. Outsourcing to licensed party for waste handling and comply with the waste management regulation all the times; 7. Waste disposal on-site and within the boundary of the project area will be avoided at all times.
Operational Phase	Operations of MMS building and Radar System	**Environmental Impacts** 1. No significant impact	1. Provision of Climb safety equipment during the maintenance works. 2. Provision of PPE during the maintenance works.

		Social Impacts 1. Improved meteorological observation and forecasting at Gan International Airport. 2. Safer aviation procedure with improved meteorological data. 3. Potential accidents during maintenance of installed radar system.	3. In case of accidents, provisions should be made by MMS to facilitate transfer of staff or maintenance personnel to Addu Equatorial Hospital or IGMH.

7. ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN (ESMP)

This section of the ESIA report will provide information on the Environment and Social Management Plan (ESMP) for the project activities. Table 24 is the proposed ESMP.

It is recommended to include the following ESMP (Construction Phase) in the bidding document and contract for the proposed construction of meteorological building and radar system in Gan International Airport to ensure the compliance of the contractors with the provisions of this ESMP. In case of non-compliance with the contractor for the provisions of this ESMP, the employer needs to withhold progress payments until corrective actions are taken.

The ESMP is iterative document which will be updated periodically based on the main findings of environmental and social monitoring, incidents and changes in E&S risks.

Table 18: Proposed Environmental and Social Management Plan

Project Activities	Management Measures/Action	Mitigation Cost (US$)	Responsibility	
			Implementation	Monitoring
Preliminary works	Review the provisions of Environmental Management Plan outlined in the IEE for Enhancing climate resilience through food security project.	Included in the project cost	Contractor	MoCCEE
Contractor Environmental and Social Management Plan (C-ESMP)	A site-specific contractor ESMP need to be prepared and submitted to client for approval.	3000	Contractor	MoCCEE
Baseline groundwater quality	Conduct groundwater sampling and testing for project site and control site prior to commencement of construction phase. The parameters to be analyzed are pH, Salinity, Temperature, Total Dissolved Solids (TDS), Total Petroleum Hydrocarbon (TPH) and Biological Oxygen Demand (BOD).	200	MoCCEE	MMS
Baseline noise level	Establish the noise level at project site and a control site prior to commencement of construction phase.	100	MoCCEE	MMS
Permits and Information	Inform Addu International Airport Private Limited, Addu City Council and ERA regarding commencement of construction work.	Included in the project cost	Contractor	MoCCEE

Construction material sourcing	Get other construction material from approved vendors. Time transportation to the site to minimize storage area. Cover and mark the stockpiles of the construction material within the proposed land parcel.	Included in the BOQ	Contractor	MoCCEE
Occupational Health and Safety	1. Develop and implement the Occupational, Health and Safety Management Plan prior to the commencement of demolition and refurbishment works. Contractor's OHS plan would have to be submitted to the PMU prior to commencement of civil works. 2. Provide to each worker and visitors task specific PPE (Protective clothing, helmets, masks, boots, gloves, ear plugs, and goggles). 3. Adequate lighting and safety signal devices be installed for work safety. 4. Adequate warning signs and safety barriers will be provided for work safety. 5. Provide and maintain first aid kits and fire extinguishers at work site and demonstrate to the workers to use it.	2500	Contractor	MoCCEE

	6. Provide adequate resting time to the workers in between tasks to minimize fatigue induced injuries. 7. Ensure that the workers can properly handle the hand /power-tools provided. If necessary, train them in proper use. 8. Conduct a safety toolbox meeting for the workers at least once a week.			
Construction activities	1. Induction of the project workers regarding the provisions of CFP. 2. Ensure the electrical circuit is earthed properly throughout the demolition and construction period. 3. Use of only manual methods and <1000W power tools to minimize noise during construction. 4. Use standard construction procedure for each item complying with national requirements and standard industry practice 5. In accordance with The Regulation on the Safety Standards for Construction (2019) a health and safety plan needs to be developed by the contactor since the total work is expect to exceed	Included in the BOQ	Contractor	MoCCEE

	the threshold value of 1.5 million MVR.			
Construction Waste Management	Separate collection of hazardous waste (mainly paint related waste) and non-hazardous waste at the floor level. Liaise with WAMCO to for daily removal of construction waste from the project area.	Commercial Subscription of Waste Management Services of island council or WAMCO	Contractor	MoCCEE
Labour Management	As the number of workers at any time is small and hail from the nearby areas, no worker camp is required. Provide written Contract to each worker in a language understood by Worker/s specifying terms of employment, including wages, working hours, rest times, access to labour GRM, signing of CoC, and other requirements as per national labour laws. CoC need to incorporate PSEA/SH prevention clauses. Provide safe drinking water for the workers and designated rest breaks for lunch and personal breaks. Allow the workers to use gender segregated lavatories in the building.	Included in the BOQ	Contractor	MoCCEE

	Maintain a Worker Register with the name and address of the worker as well as next to kin. Get all workers to understand and acknowledge (sign) standard code of conduct including worker & community safety, and GBV and SEA/SH at site. There will be strictly no child labour engaged. Provide a day off in a week to the workers and in case of work during the day off or beyond working hours compensate as per the Employment Act. Inform workers of the availability of Labor GRM and put visible signage of the availability of Labor GRM in a common area.			

8. MONITORING AND REPORTING

This section of the report outlines the institutional arrangements for monitoring the progress of this project and implementation of the ESMP.

8.1 Institutional Arrangements for ESMP implementation monitoring

The following Figure 6 shows the institutional arrangements for implementation of the project. The following Table 19 describes the key roles and responsibilities of these stakeholders.

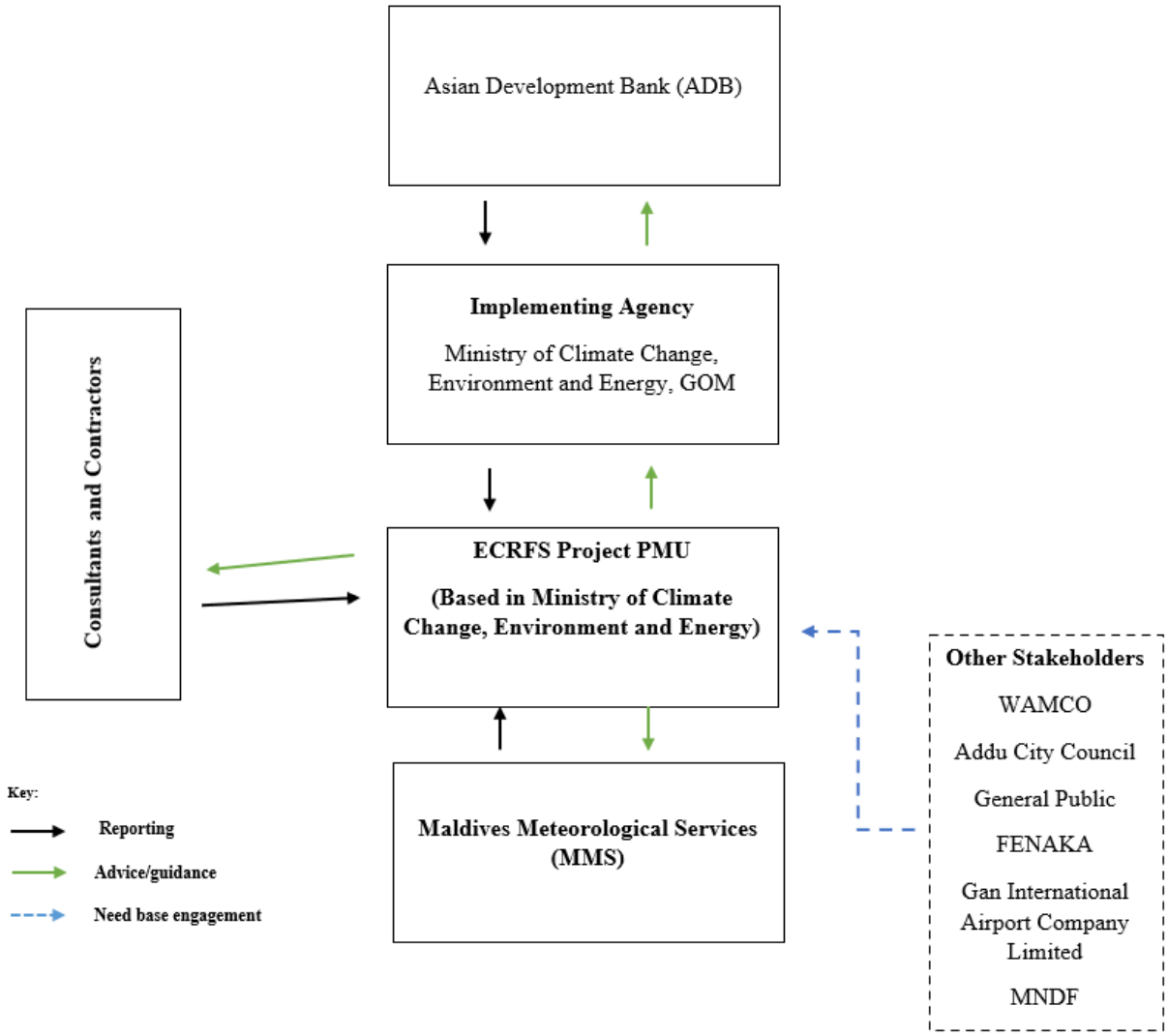

Figure 6: Institutional Arrangement for Implementation of project activity for construction of metrological building and radar system in Gan International Airport

Table 19: Roles and responsibilities of different stakeholders on project activity implementation

Stakeholder	Role and Responsibilities in project implementation
Asian Development Bank (ADB)	1. Oversee overall implementation of the project 2. Coordinate with Donors 3. Ensure that project is in line with ADB SPS (2009)
Ministry of Climate Change Environment and Energy (MoCCEE)	4. Implementing Agency of the Project 5. Assess and provide overall guidance with the implementation of the project 6. Provide technical assistance for the PMU for project implementation 7. Liaise with donors to ensure all the requirements of the donor are fulfilled during the implementation stages 8. Coordinate with ADB to ensure environmental requirements identified in the implemented or if required address any issues in its implementation
ECRFS PMU	1. Day-to-day implementation of the project activities 2. Carry out environmental monitoring works 3. Financial Management of the project 4. Procurement related works of the project 5. Third tier focal point for Grievance Redress Mechanism (GRM) related to the implementation of project 6. Maintenance of Grievance registry
Maldives Meteorological Service (MMS)	7. Ensure that mitigation measures are implemented during the supervision visits.

	8. Ensure that the environmental and social monitoring is conducted during the operational phase of the project. 9. Provide technical input for the radar system installation. 10. Ensure that the construction of the MMS building meets the requirements outlined in this ESMP.
Other Stakeholder	11. Provide technical guidance and monitor the implementation of the project
Contractors	12. Focal point for Tier 1 and Tier 2 GRM 13. Submit a Contractor-ESMP. 14. Carry out the physical construction and installation works of the project 15. Ensure mitigation measures are implemented.

Even though this ESMP attempts to provide measures to address environmental impacts associated with the project, unforeseen impacts may arise during the construction as well as the operation phases. Hence, appropriate environmental safeguard monitoring arrangements should be in place throughout all the phases of project implementation. Figure 7 illustrates the institutional arrangements for environmental safeguard implementation and monitoring.

The main objectives of the safeguard implementation and monitoring are:

1. Adherence of the mitigation measures proposed in the ESMP.
2. Effectiveness of the mitigation measures and retrofit of mitigation measures.

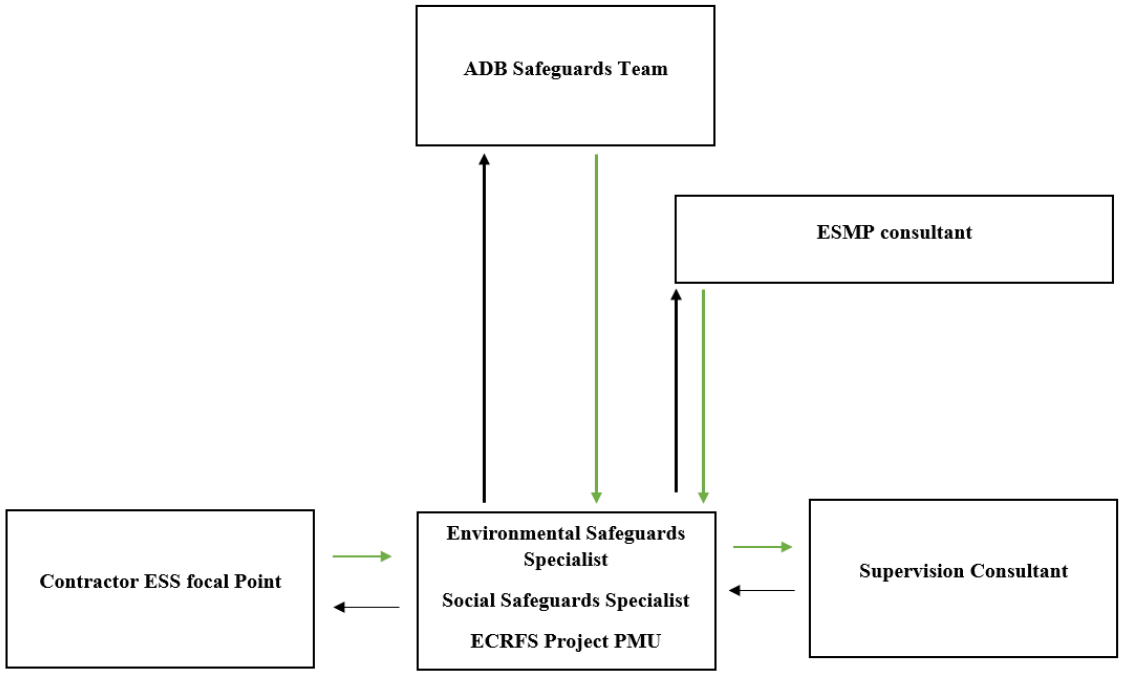

Figure 7: Institutional Arrangement for implementation and monitoring of ESMP Implementation

The following Table 20 describes the roles and responsibilities of each entity for the implementation and monitoring of environmental safeguards of the project.

Table 20: Roles and Responsibilities of implementation and monitoring of environmental safeguards

Entity	Key Roles and Responsibilities
ADB Safeguards Team	1. Guide the ESMP Consultant and ESS focal point PMU on safeguard monitoring 2. Ensure the quality of the Environmental Monitoring Reports (EMRs)
ESMP Consultants	3. Elaboration of this ESMP report 4. Provide technical guidance to PMU in monitoring the implementation of ESMP
Environmental and Social Safeguards	5. Prepare EMRs 6. Coordinate Tier 1 and Tier Two GRCs 7. Maintain Tier 2 and Master Grievance registry.

Specialist of ECRFS Project PMU.	8. Prepare quarterly Environmental Monitoring Reports (EMRs) in accordance with the ESMP prepared
ESS focal point of contractor	9. Ensure that the contact information of the focal point is shared on the project signboard and to relevant projects stakeholders. 10. Coordinate Tier 1 GRCs in Collaboration with ECRFS project PMU 11. Maintain Tier 1 and Master Grievance registry
Supervision consultant	12. Ensure proper implementation of mitigation measures by the contractor.

9. PRESCRIBED MONITORING REGIME

Environmental monitoring is the systematic measurement of key environmental indicators over time within a particular geographic area (Joseph et al 2015). It is an integral part of any ESMP. It identifies the degree and magnitude of the predicted environmental impacts for the project are felt on the environment because of project implementation. Thus, it will help in implementing the mitigation measures that are already identified in this report or implement further measures if the impacts are identified to be bigger than anticipated.

9.1 Aim and Objective of Environmental Monitoring Plan

The aim of the proposed environmental monitoring program is to provide information which would enable effective impact management. Furthermore, the monitoring program aims to improve understanding of how the predicted impacts have impacted the baseline environmental condition hence the impact prediction and effectiveness of mitigation measures can be better understood.

The objective of the proposed environmental monitoring plan is to measure the following environmental indicators:

1. Groundwater quality (Establish Baseline prior to construction phase)
2. Noise Level (Establish Baseline prior to construction phase)
3. Occupational Health and Safety

The proposed monitoring will ensure that these measured parameters are kept within the baseline limits and predicted impacts are accurate and mitigation measures has been taken effectively.

9.2 Environmental Monitoring Report

9.2.1 Reporting Format

1. Introduction
    1. Aims and Objectives
2. Environmental Conditions

1. Noise Level
2. Groundwater Quality
3. Occupational Health and Safety

3. Comparison of data from the monitoring survey and the baseline
4. Conclusion and Recommendations

9.2.2 Frequency of Reporting

1. Once every Three during construction phase

9.3 Environmental and Social Monitoring Plan and Cost

The following monitoring plan will be utilized during the construction phase and the operational phase of the project.

Table 21: Environmental and Social Monitoring Plan

Monitoring Requirement	Parameter to be monitored	Baseline Data	Technique	Frequency	Responsibility	Cost (USD)
Groundwater quality	pH Salinity Temperature Total Dissolved Solids (TDS) Nitrate Biological Oxygen Demand (BOD)	Baseline to be established prior to construction phase. (Samples from project site and a control site)	Laboratory assessment	Every 3 months during construction phase Once a year for two years during operational phase	Contractor	200
Air quality	Airborne dust	Particulate measurement to establish pre-works background levels	Visual inspection during active operations Dust meters	Pre-construction baseline under typical range of traffic, wind and rain Daily	Contractor	200
Noise Level	From project site during construction works	Baseline to be established prior to construction phase.	Sound meter	Every 3 months during construction phase	Contractor	100

		(Samples from project site and a control site)		Once a year for two years during operational phase		
Occupational Health and Safety	Provisions of PPE and site safety records and ESMP implementation.	N/A	Site safety works	Construction Phase	Contractor	N/A
Waste management & site housekeeping	All aspects of waste management & site housekeeping: separation, storage, disposal	N/A	Visual inspection, with checklist, timestamped photos	Weekly	Contractor	N/A
Construction materials	Condition of stockpiles, compliance with operating plans and conditions	N/A	Visual inspection, with checklist, timestamped photos	Prior to first use of stockpile Weekly during use	Contractor	N/A
Total Cost						**500**

10. STAKEHOLDER CONSULTATIONS

10.1 Introduction

Involvement of stakeholders is crucial for the effective implementation of the proposed project. An integral part of this ESMP has been consultation with all relevant parties including consultation with members of the public, relevant government authorities and nearby construction sites. This chapter aims to summarize the stakeholder consultations that were conducted.

10.2 Findings of Stakeholder Consultations

A series of stakeholder consultations were conducted from December 2025 to April 2026 in the form of physical meetings. A total of 02 sessions were held. A detailed stakeholder consultation meeting was held on MMS, Addu International Airport Private Limited and ECRFS Project PMU on 8th December 2025. A detailed Meeting minutes are attached in the Annex 05 of this report. Table 22 summarizes the main discussions of meetings with stakeholder including National Center for Cultural Heritage, Addu International Airport Pvt Ltd (AIA) and Maldives Meteorological Services (MMS).

Table 22: Main findings from stakeholder consultation

Stakeholders	Main Discussions
Addu International Airport Limited and Maldives Meteorological Services **Meeting Information** Date: Sunday, 26th April 2026 Time: 09:00 to 10:00 am Venue: National Museum Building, Male', Maldives **Participants** **Addu International Airport Pvt Ltd (AIA)** Mohamed Waheed Hussain, Managing Director, AIA Hussain Rasheed, General Manager – Operations, AIA Ibrahim Amjad, Maintenance Manager, AIA Mohamed Nishan, MEP Manager, AIA Rimna Hassan, Chief Financial Officer, AIA Khadheeja Shahidha, Manager – Administration, AIA **Maldives Meteorological Services (MMS)** Ali Shreef, Deputy Director General – Meteorology, MMS Thameem Abdul Razzaq, Senior Meteorological Technician, MMS Ahmed Nazeer, Assistant Meteorologist, MMS	1. **Land Allocation and Demarcation:** AIA confirmed that a total of **40,000 sqft** will be allocated for the MMS office, resolving a previous discrepancy. Field demarcation was scheduled to proceed immediately with support from AIA's maintenance team. 2. **Construction and Technical Requirements:** The contract for the MMS office is expected to be awarded to **WAMCO**. Technical considerations include International Civil Aviation Organization (ICAO) exposure compliance for instruments and the early integration of security approvals. 3. **Site Management:** The project site contains existing vegetation, including palm trees, that require clearing. Additionally, a temporary fence will be installed to protect an area allocated to the **Ministry of Heritage**. 4. **Grievance Redress Mechanism (GRM):** A social safeguards overview was provided. Participants requested that **Fenaka, MNDF, and Avescom** be included in Tier Two of the GRM, as construction may impact their access routes.

National Centre for Cultural Heritage **Meeting Information** Date: Sunday, 26th April 2026 Time: 09:00 to 10:00 am Venue: National Museum Building, Male', Maldives **Participants** Hawwa Nazla, Director General, National Center for Cultural Heritage Zaha Ahmed, Director, National Center for Cultural Heritage Mohamed Nuhadh, Senior Administrative Assistant, National Center for Cultural Heritage	1. The main legislation and regulation which deals with heritage is National Heritage Act (2019) and National Heritage Regulation (2022). 2. As per the regulation, a buffer zone of 5 meters is required from a site of cultural significance. 3. Gan Friday Mosque is included in the National Heritage Registry gazette in 2019. The registry is included in Annex 06 of this report. 4. A Chance Find Procedure (CFP) need to be elaborated as per the National Heritage Act for this project. 5. A Heritage Trust Fund is established as per the National Heritage Act (2019) which is used for the maintenance of Culturally Significant sites. 6. The funding is very limited, thus no provision for maintenance of Gan Friday Mosque.

11. GRIEVANCE REDRESSAL MECHANISM

The proposed construction of meteorological office building and radar system in Gan International Airport will utilize the Grievance Redress Mechanism (GRM) established by Enhancing Climate Resilience and Food Security (ECRFS) Project since the funding for the construction is allocated by the aforementioned project.

The following Figure 8 provides the GRM flow chart proposed for this project sub-activity.

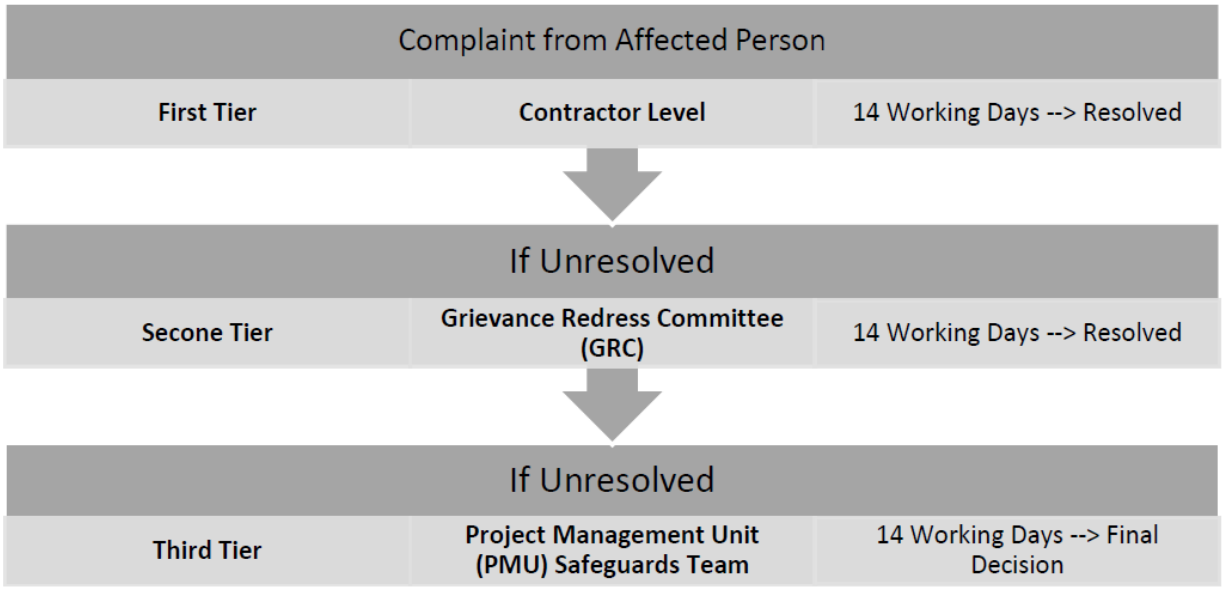

Figure 8: Proposed GRM flowchart for the project

Details of GRM for this project sub-activity are included in Annex 07 of this ESIA report.

12. CONCLUSION

The proposed project involves the construction of a two-storey regional hub for the Maldives Meteorological Services (MMS) and the installation of a 24-meter-high Doppler radar system at Gan International Airport. Funded by the Asian Development Bank (ADB), this infrastructure is designed to replace the aging 1975 facility and significantly enhance weather forecasting for the southern atolls. The site, located on a vacant plot within the airport's industrial zone, will feature energy-efficient designs and a 22 kWp solar PV system capable of offsetting approximately 23% of its annual energy demand.

The Environmental and Social Management Plan (ESMP) identifies several short-term impacts during the construction phase, such as noise pollution, dust, and localized dewatering of the groundwater table. While no mature trees or environmentally sensitive areas will be affected, the project is situated approximately 36 meters from the Gan Friday Mosque and cemetery. To protect this culturally significant site, a buffer zone has been established, and a strict Chance Find Procedure (CFP) has been developed in accordance with the National Heritage Act of 2019 to manage any archaeological discoveries.

Overall, the project is deemed environmentally and socially feasible, provided that all mitigation measures outlined in the report are strictly implemented. These measures include rigorous waste management handled by WAMCO, occupational health and safety protocols for workers, and long-term monitoring of groundwater and noise levels. Once operational, the facility will provide critical real-time data on rainfall and wind velocity, contributing to safer aviation procedures and improved climate resilience for the region.

13. PROPONENT DECLARATION

بسم الله الرحمن الرحيم

Ministry of Climate Change, Environment and Energy
Male', Republic of Maldives

Date: 5 May 2026 No: 1139-CCD/203/2026/3

Hassaan Mohamed,
Chief Executive,
Environmental Regulatory Authority,
H. Palmeyra, Sosun Magu,
K. Male', Maldives.

RE: Environmental and Social Management Plan (ESMP) for Proposed Construction of Meteorological Office Building and Radar System in Gan International Airport

Dear Sir,

As the representative of the proponent of the proposed construction and installation of Weather Radar System in S.Gan, I assure you that I have read the ESMP report thoroughly and that to the best of my knowledge all information provided here is accurate and complete.

In addition, I hereby confirm proponent's commitment to implement the mitigation measures and monitoring program as proposed in the ESMP report. I also confirm the cost and resource requirements for implementing the mitigation measures and monitoring program have been accounted.

Sincerely,

Ahmed Waheed,
Director

+960 3018300 info@environment.gov.mv MoEnvmv www.environment.gov.mv

14. CONSULTANTS DECLARATION

I hereby certify that the information provided in this Environment Management Plan (EMP) are true, complete and correct to the best of my knowledge.

Name: Hamdhoon Mohamed (EIA(A)P03/2017)

02nd May 2026

15. REFERENCE LIST

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16. LIST OF ANNEXES

Annex 1: Content of an EMP as per Environmental Impact Assessment (EIA) Regulation (2012)

Annex 2: Detailed Drawings of MMS building

Annex 3: Chance Find Procedure (CFP) for the proposed project

Annex 4: Screening Decision Statement issued by Environmental Regulatory Authority (ERA).

Annex 5: Meeting minutes for Stakeholder Consultation Meeting

Annex 6: National Heritage Registry

Annex 7: Grievance Redress Mechanism (GRM)

Annex 1: Content of an EMP as per Environmental Impact Assessment (EIA) Regulation (2012)

Schedule E (3)

Contents of Environmental Management Plan

Copy of the Environmental Management Plan should be submitted on A4 size paper, containing fold-out maps on A3 size paper. The report shall be signed by the proponent and the consultant. The Management Plan may be submitted in Dhivehi and English.

Title page
This page should contain:

- Name of project;
- location of project;
- names of individual members (including consultants) of the team responsible producing the Environmental Management Plan;
- proponent's name and signature; and
- date completed.

Introduction
Environmental Management Plan should include background information on the project, including project plans, purpose, objectives and details of project schedules.

Project Description
This should describe the type of project with detailed implementation plans of the project. This should include the following:

- Project location
  This should include details of project location identifying the location of planned activities of the project; scaled site plan (at least A3 size) showing locations of all proposed project components; and background information on the habitat and the surrounding environment of the project location.

- Activities of the construction and implementation phase of the project
  The details of activities during construction and implementation phase of the project should be included. It should also include:
  - Schedule of activities planned for the construction and implementation phase
  - Project timeframe. Details of any additions or extensions.
  - Types and counts of staff.
  - Equipment and machinery to be used.
  - Locations of dedicated work areas and facilities

- Project Schedule
  Planned project start and end dates should be provided. If the project is distributed to phases, start and end dates for each phase should be provided.

Relation of Environmental Management Plan to Project

This should include the relationship between the Environmental Management Plan and the Project. As such, the details of studies conducted and decisions reached should be included. Summaries of communication and recommendations received from respective government authorities and related parties shall be included. Details of how the outcomes from any such discussions are incorporated into the Environmental Management Plan shall also be included.

Objectives of the Environmental Management Plan

The target objectives of the Environmental Management Plan may be presented in point form in this section. As such, regular management activities to maintain the project implementation location and associated features of the location, may be included.

Scope of Environmental Management Plan

(a) Impact assessment and determining mitigation procedures: Possible impacts from the project should be determined and included in the Plan, including details of most appropriate conditions for mitigation procedures. The structural and non-structural mitigation procedures of the plan should be presented separately. And the stage at which the project would roll into an active phase should be detailed in the Environmental Management Plan.

(b) Development plans: During checklist preparation, and environment assessment stages, the details of the expected profits and exposed opportunities from the project should be identified and included. Some of these opportunities may be further developed so as to benefit the surrounding environment and general living conditions. And plans for sustainable development of such opportunities shall be included in the Environmental Management Plan.

(c) Environmental impact monitoring programmes: In order to ensure that the proposed mitigation procedures are carried at the national standards and that they do achieve their objectives, Environmental Impact monitoring programmes should be included in the Environmental Management Plan. Such programmes shall include the following:
    1. Measures and standards to determine the positive or negative environmental effects from each mitigation function
    2. Method of determining affects
    3. Frequency
    4. Measures
    5. Areas of survey to determine the affects

(d) Responsible parties: responsible parties for carrying out mitigation functions and conducting monitoring programmes should be identified in the Environmental Management Plan. The interrelations and co-ordination systems between the different parties involved in the mitigation functions and monitoring programmes should be detailed in the Plan.

(e) Schedule of activities of the Environmental Management Plan: The details of the timeframes and frequency of the different activities of the Environmental Management Plan should be included.

(f) Reporting: The policies for reporting outcomes from mitigation functions and monitoring programme, to the relevant authorities should be detailed in the Environmental Management Plan. As such these plans should include how contractors and sub-contractors report to the proponent and how the proponent reports to the ministry, including the responsible parties for the different stages of reporting.

(g) Expenses: The details of the costs on mitigation functions and monitoring programmes should be included.

Declaration of the Consultant

I certify that the statements made in this Environmental Management Plan are true, complete and correct.

Name: _____

Signature: _____

Date: _____

Appendices

These should include:

- additional technical information and baseline data;
- full list of references;
- names and Registration Certificate numbers of the Environmental Management Plan consultants; and
- CV s of any unregistered individuals who participated in the preparation of the Environmental Management Plan.

Annex 2: Detailed Drawings of MMS building

Project: Meteorological Office Building - *Phase 01*
S.Gan - Addu
Phase 01 - Office

Client: Maldives Meteorological Service (MMS)

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3rd floor, H. Azum, Ameenemagu, Male'

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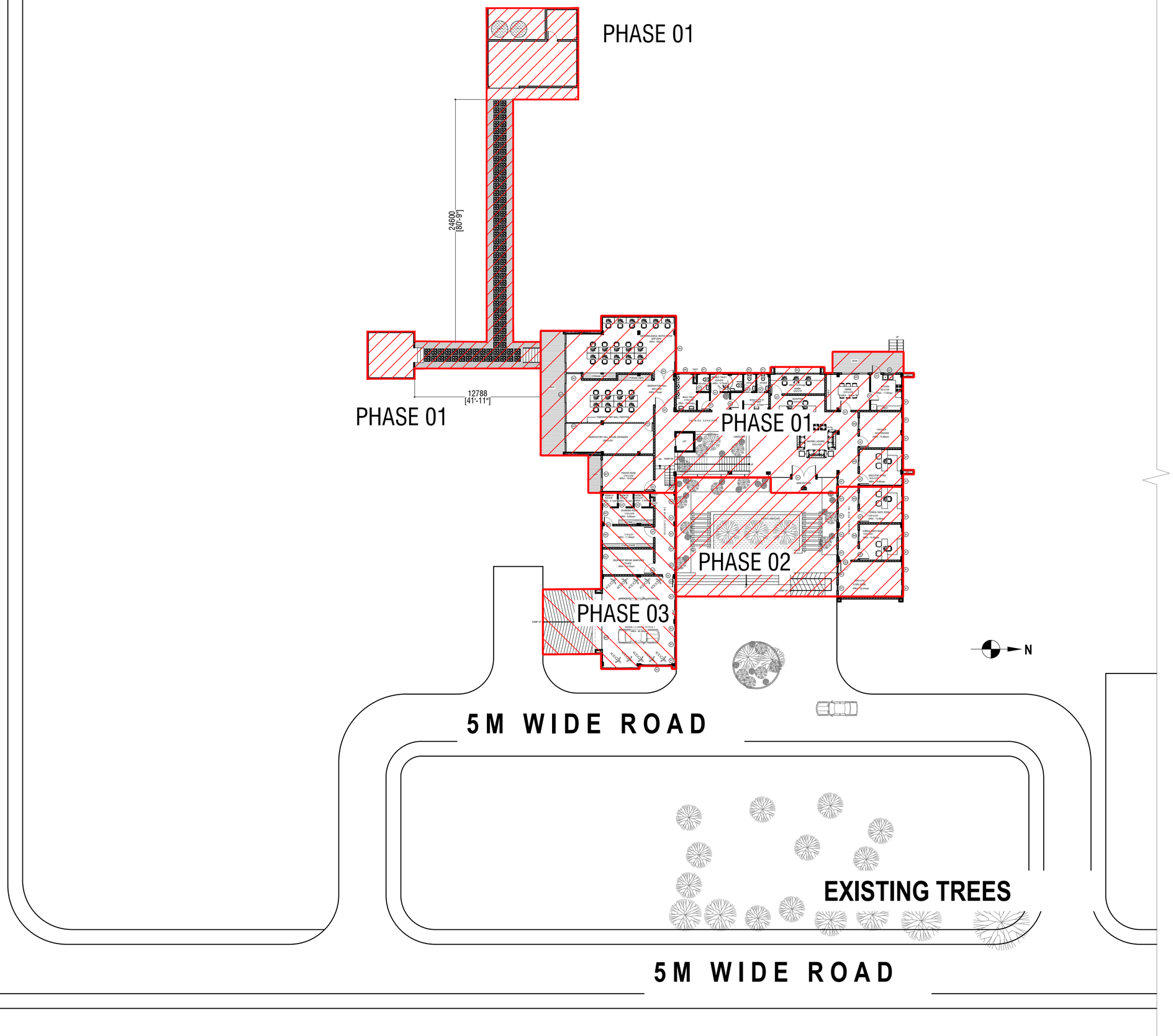

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: December 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Structure :
Services :
Interior :

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Title: Stages plan

Page: A-01/20

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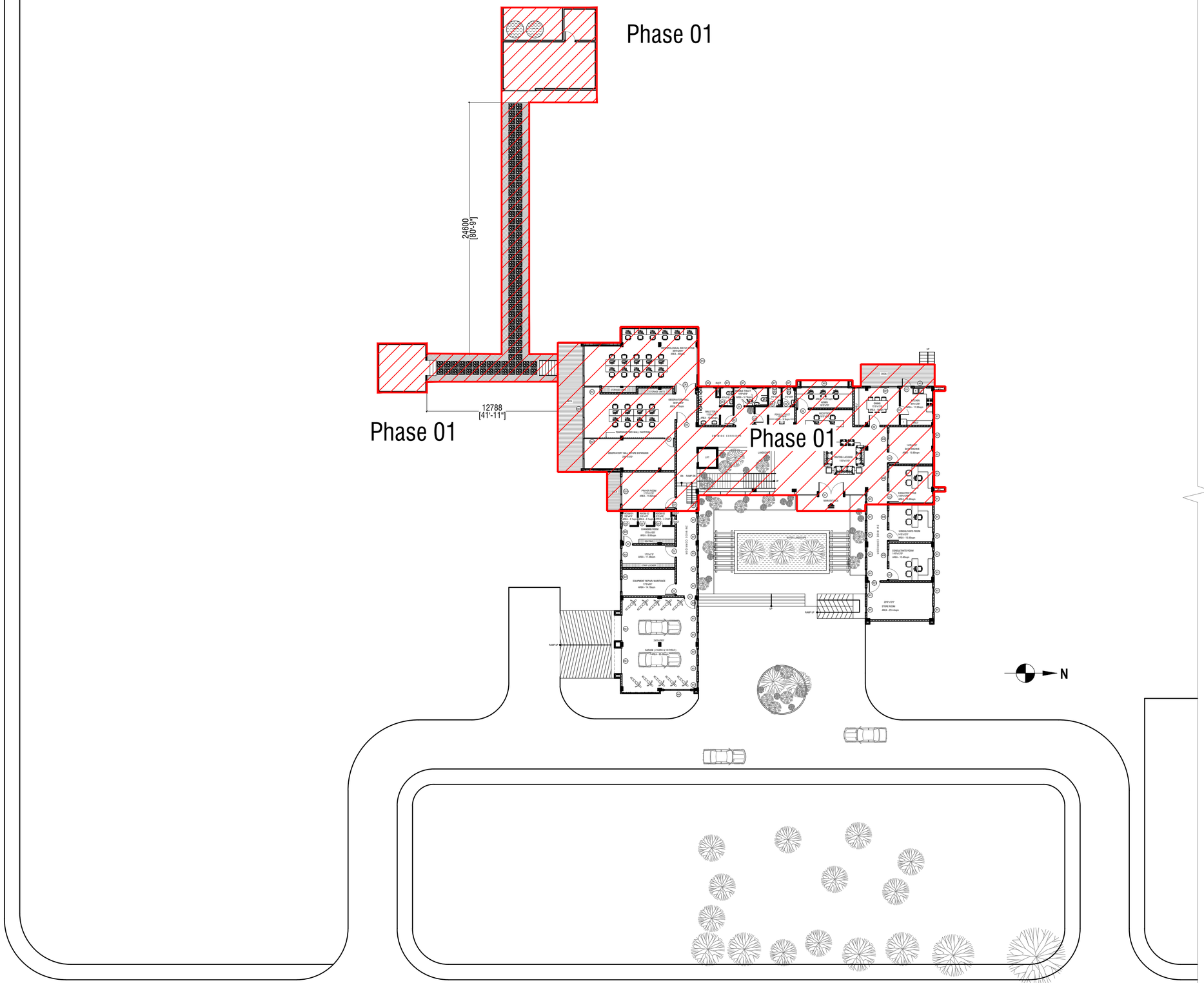

LOCATION PLAN

NOT TO SCALE

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Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 December 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Structure :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Title: Stages plan

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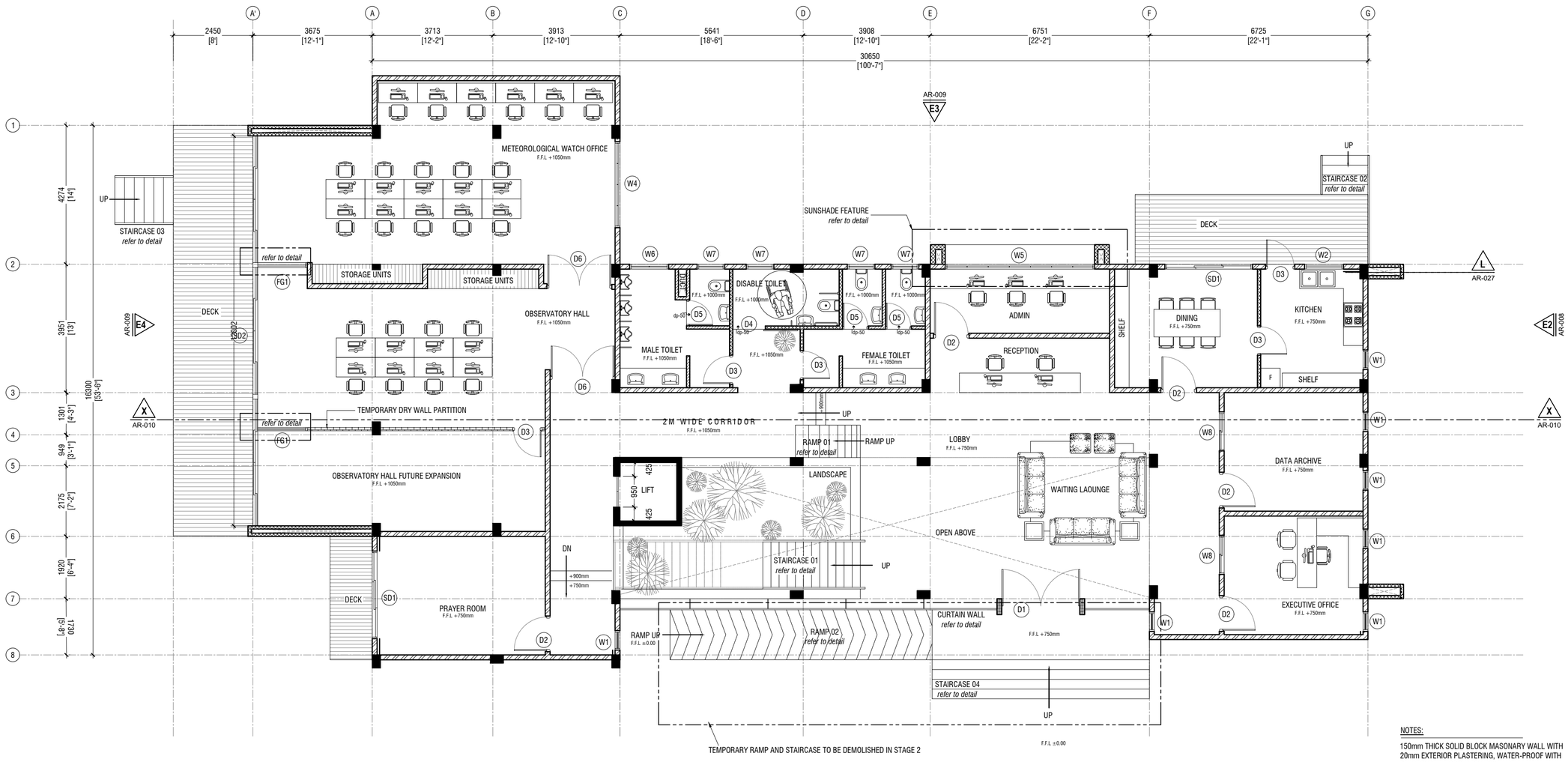

GROUND FLOOR PLAN (Phase 01)

SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

150mm THICK SOLID BLOCK MASONARY WALL WITH 20mm EXTERIOR PLASTERING, WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB. INTERIOR INSULATION WITH 76mm EXPANDED POLYURETHANE

100mm THICK SOLID BLOCK MASONARY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

100mm THICK 3000mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH.

100mm THICK DRY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
-	-
-	-

Project Number: RI/2019/000
Date: December 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Structure :
Services :
Interior :

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Title: Ground Floor Plan

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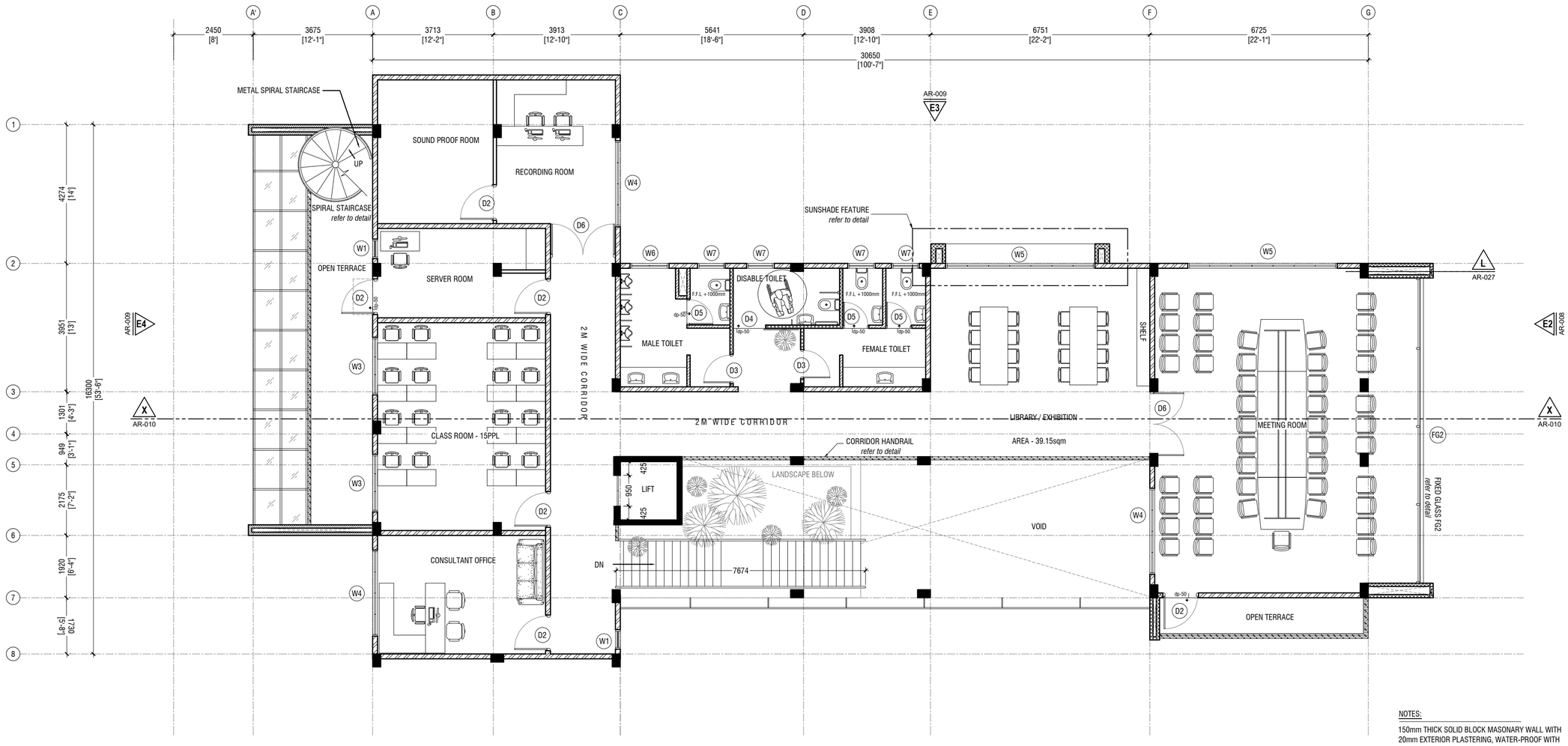

FIRST FLOOR PLAN (Phase 01)

SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

150mm THICK SOLID BLOCK MASONARY WALL WITH 20mm EXTERIOR PLASTERING, WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB. INTERIOR INSULATION WITH 76mm EXPANDED POLYURETHANE

100mm THICK SOLID BLOCK MASONARY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

100mm THICK 3000mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH.

100mm THICK 150mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT.

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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Title: First Floor Plan

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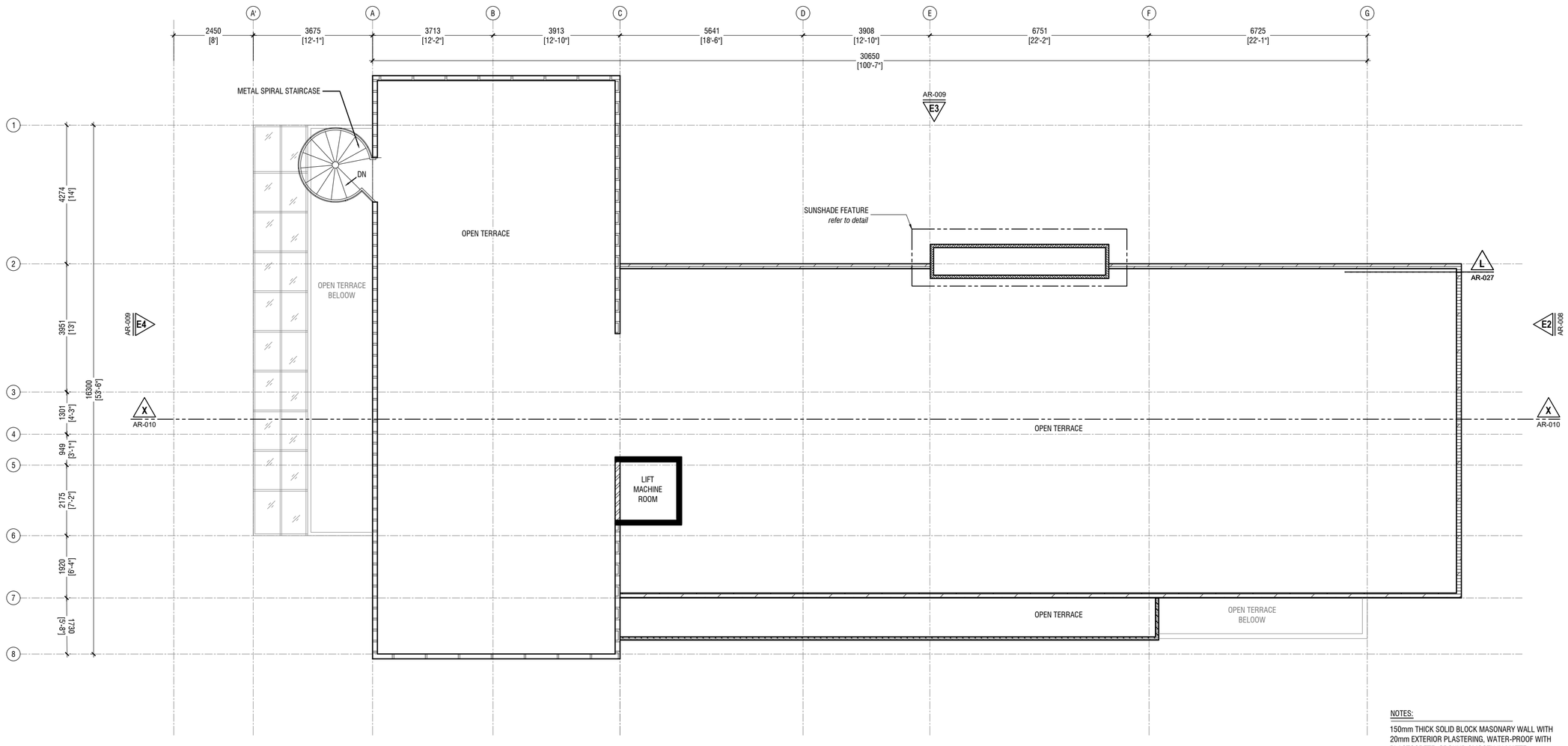

TERRACE FLOOR PLAN (Phase 01)

SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

150mm THICK SOLID BLOCK MASONARY WALL WITH 20mm EXTERIOR PLASTERING, WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB. INTERIOR INSULATION WITH 76mm EXPANDED POLYURETHANE

150mm THICK 1600mm HIGH SOLID BLOCK MASONARY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH

150mm THICK 1200mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH.

100mm THICK 150mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT.

100mm THICK 1800mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT.

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Project Number: RI/2019/400
Date: December 2019
Architect : Mariyam Iracha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Terrace Floor Plan

Page: A-04/20

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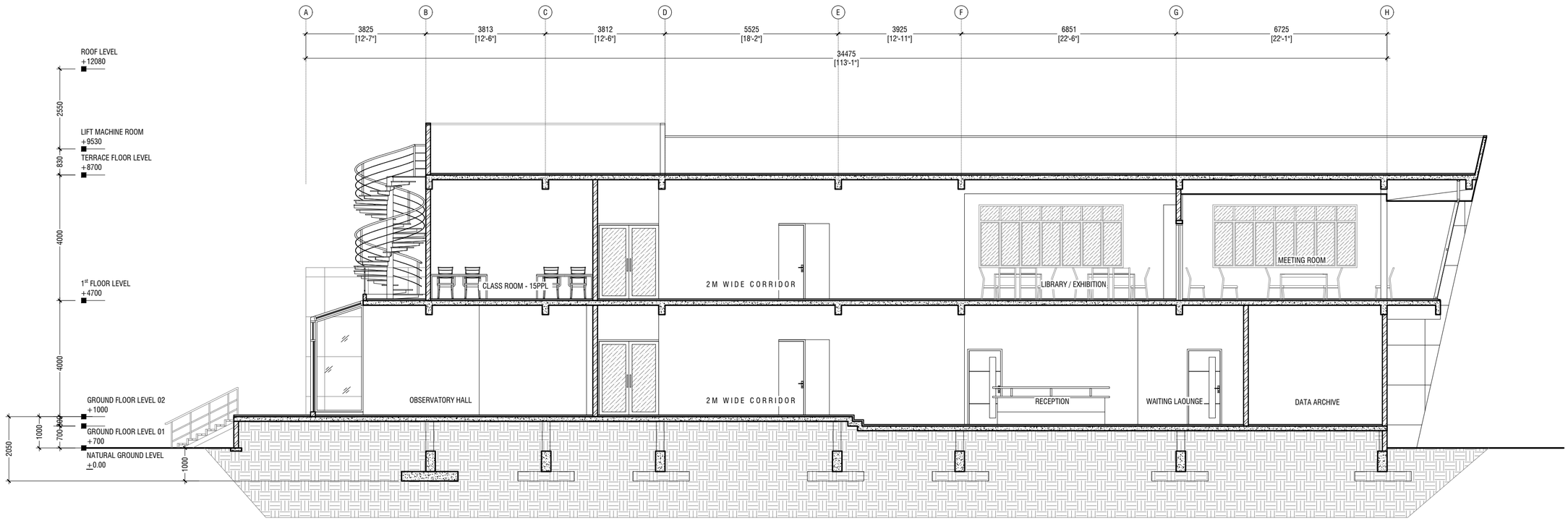

SECTION X-X

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: October 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Structure :
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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-	-

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Title: Section X-X

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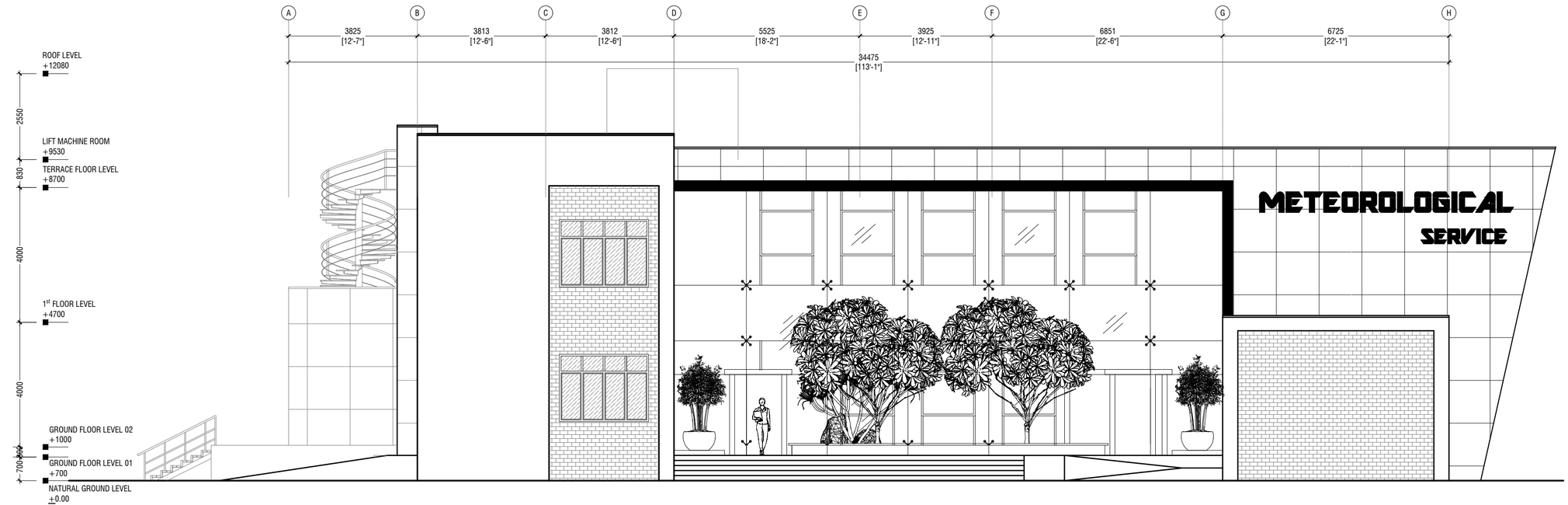

ELEVATION E1

SCALE 1:100

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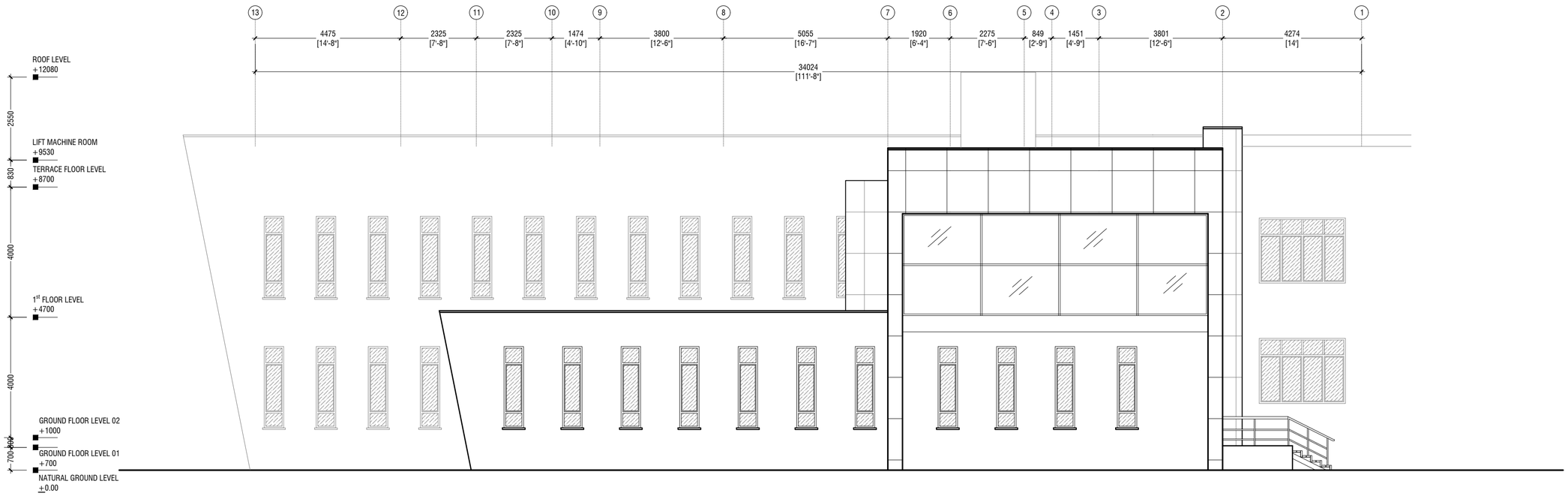

ELEVATION E2

SCALE 1:100

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Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 December 2019
Architect : Mariyam Firasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
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Title: Elevation E1 & E2

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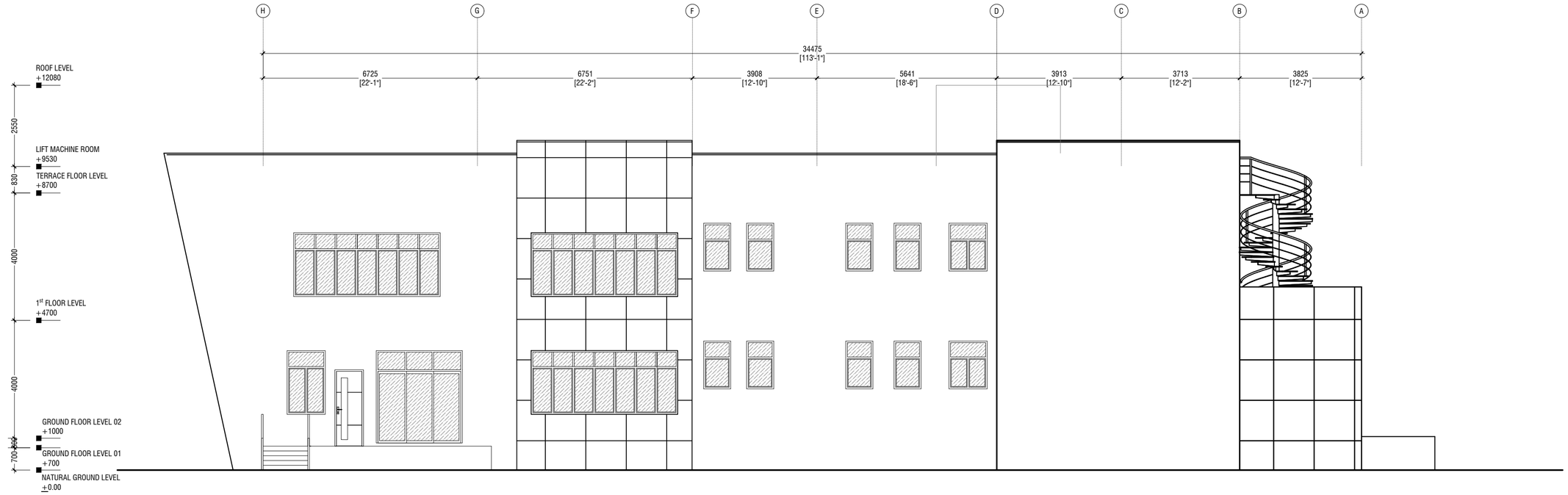

ELEVATION E3

SCALE 1:100

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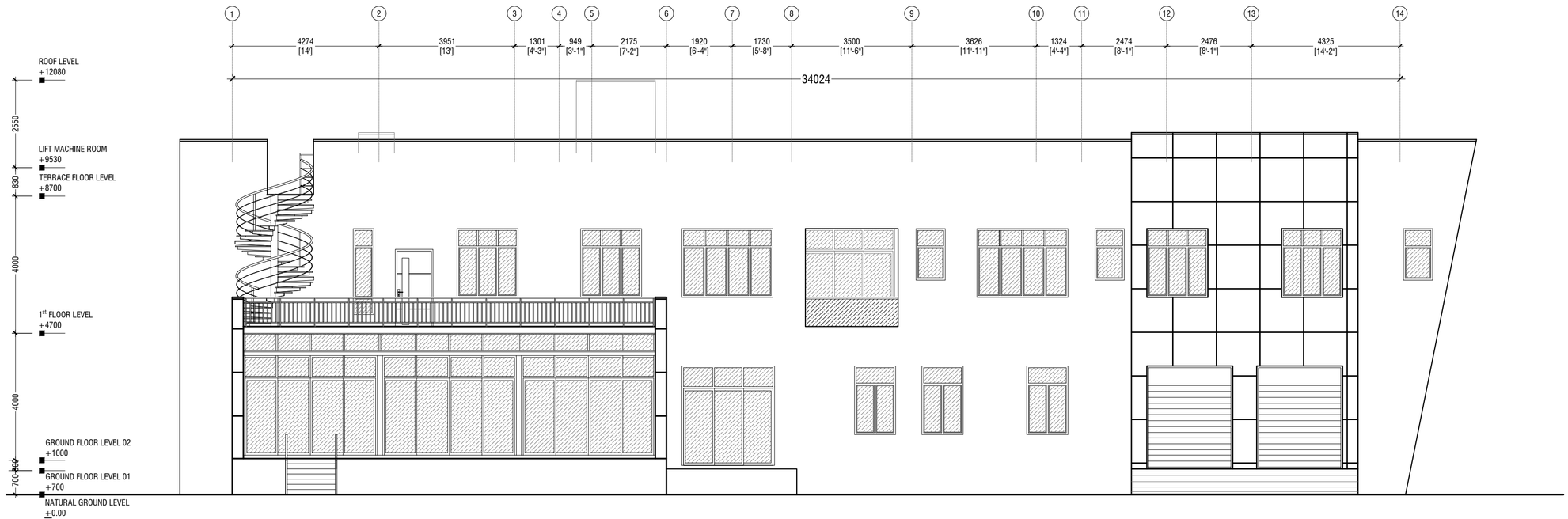

ELEVATION E4

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 October 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Structure :
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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Title: Elevation E1 & E2

Page: A-06/20

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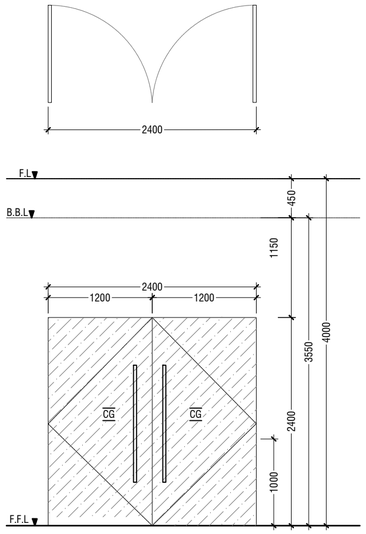
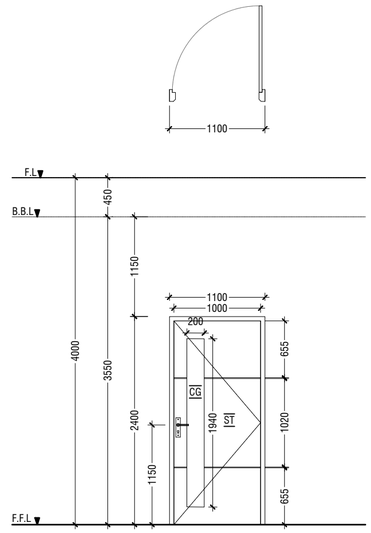
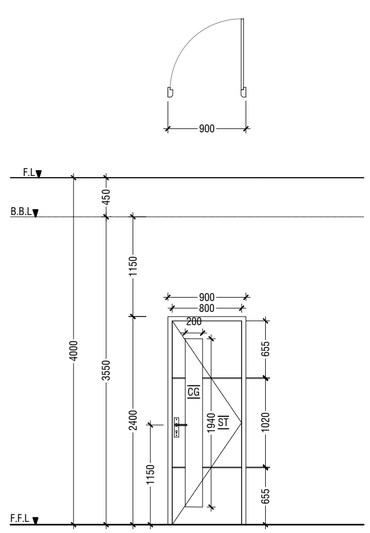


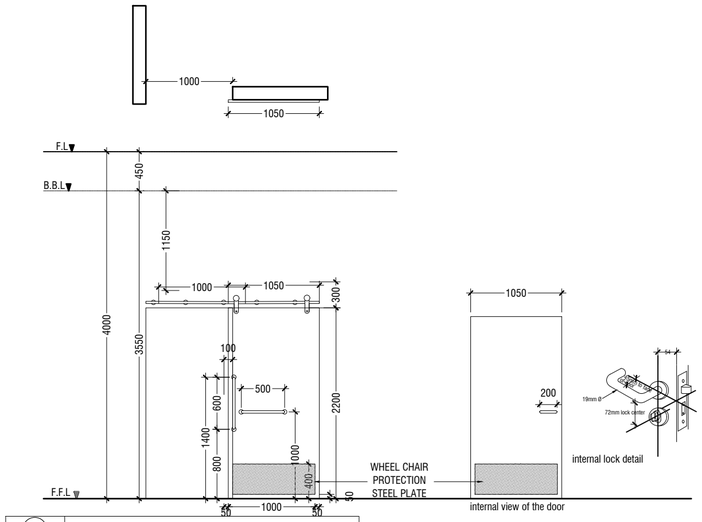
D1	DOUBLE SWING DOOR
REMARKS	FRAMELESS WITH 12mm TEMPERED CLEAR GLASS WITH SHGC VALUE OF 0.25
HARDWARE	
LOCATION	BUILDING ENTRANCE
QUANTITY	01 NOS
OPEN AREA	5.75 SQM



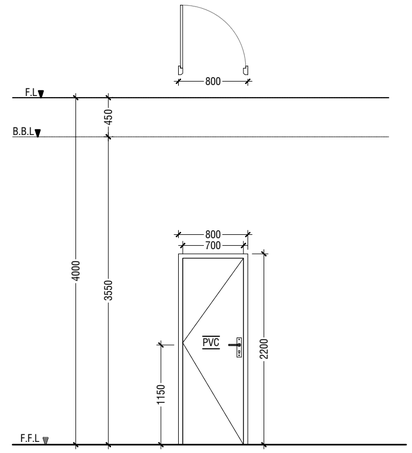
D2	SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 6mm CLEAR GLASS AND10mm GROOVES AS SHOWN.
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	GROUND FLOOR AND FIRST FLOOR
QUANTITY	11 NOS
OPEN AREA	2.34 SQM



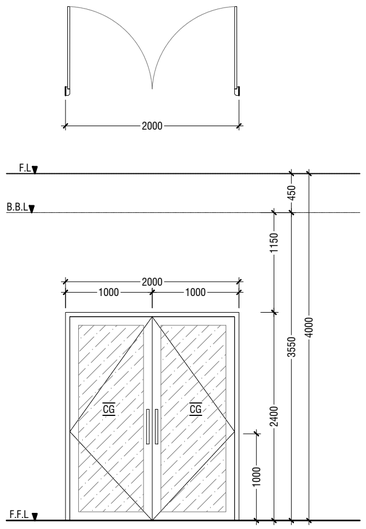
D3	SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 6mm CLEAR GLASS AND10mm GROOVES AS SHOWN.
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	GROUND FLOOR AND FIRST FLOOR
QUANTITY	06 NOS
OPEN AREA	1.87 SQM



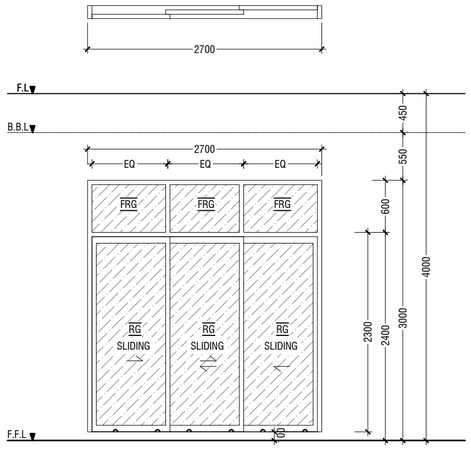
D4	SLIDING DOOR
REMARKS	PVC LIGHT WEIGHT SLIDING DOOR
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	DISABLE TOILET DOOR
QUANTITY	02 NOS
OPEN AREA	1.87 SQM



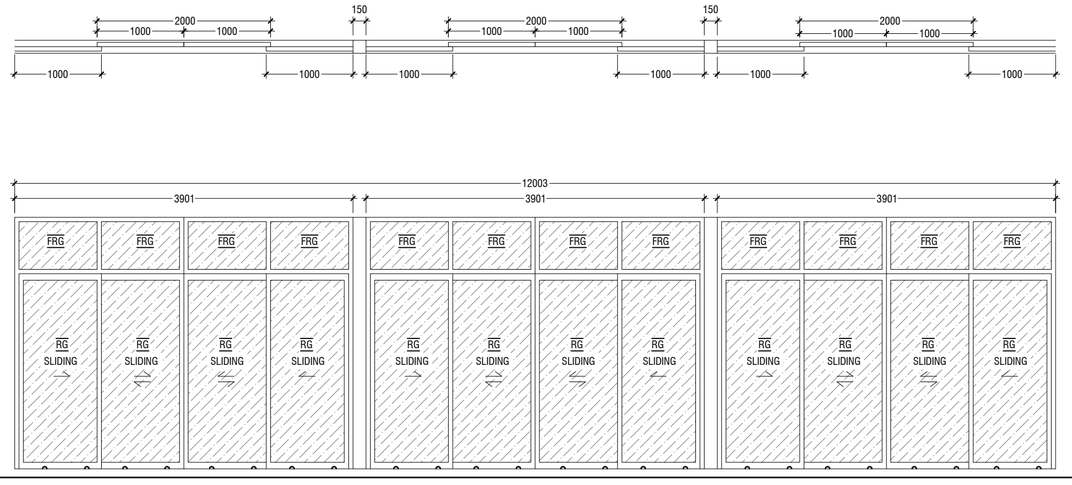
D5	SLIDING DOOR
REMARKS	PVC LIGHT WEIGHT SLIDING DOOR
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	TOILET DOOR
QUANTITY	06 NOS
OPEN AREA	1.50 SQM



D6	DOUBLE SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 6mm CLEAR GLASS AS SHOWN.
HARDWARE	LOCKSET : PUSH BARREL LOCK , SS FINISH HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH
LOCATION	LOBBY, OFFICE, RECORDING, MEETING ROOM
QUANTITY	04 NOS
OPEN AREA	4.47 SQM



SD1	SLIDING DOOR
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAMED SLIDING DOORS WITH 12mm THICK REFLECTED GLASS PANELS WITH SHGC VALUE OF 0.25
HARDWARE	LOCKSET : SLIDINGLOCK , SS FINISH,DOOR TRACK
LOCATION	PRAYER ROOM, LAUNDRY, DINING
QUANTITY	03 NOS
OPEN AREA	3.99 sqm



SD2	SLIDING DOOR
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAMED SLIDING DOORS WITH 12mm THICK REFLECTED GLASS PANELS WITH SHGC VALUE OF 0.25
HARDWARE	LOCKSET : SLIDINGLOCK , SS FINISH,DOOR TRACK
LOCATION	GROUND FLOOR - OBSERVATORY HALL
QUANTITY	01 NOS
OPEN AREA	12.79 sqm

DOOR / WINDOW SCHEDULE - 1

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- INTERNAL DOORS FRAME DEPTH TO BE WIDTH OF THE WALL.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- ALL EXTERIOR DOORS & WINDOWS SASHES TO BE 100mm WIDE
-ALL BUILDING ENVELOPE GLASSES ARE TO BE SHGC VALUE OF 0.25

LEGEND:-

CG - CLEAR GLASS
FCG - FIXED CLEAR GLASS
FG - FROSTED GLASS
FFG - FIXED FROSTED GLASS
RG - REFLECTED GLASS
FRG - FIXED REFLECTED GLASS
TG - TEMPERED CLEAR GLASS
AL - ALUMINIUMN LOUVERS
ST - SOLID TIMBER
T - TIMBER
PVC - POLYVINYL CHLORIDE

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	25.02.2020
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Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Insha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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w : www.riyan.com.mv
3rd floor, H. Azure, Ameenmagu, Male'

Title: Door & Window Schedule 01
Page: A-07/20

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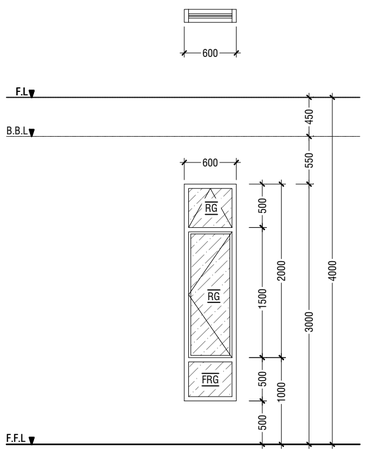
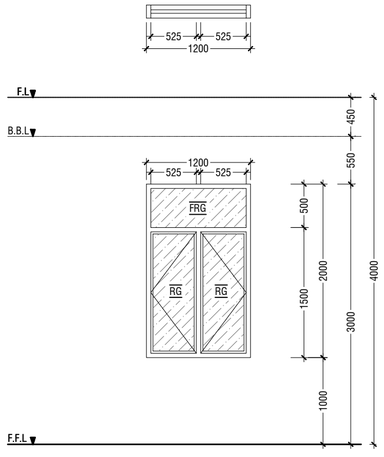
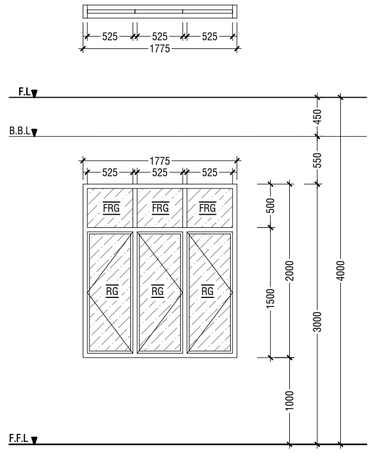


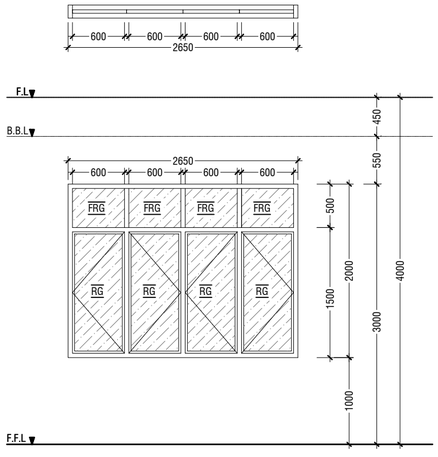
W1	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND FLOOR AND FIRST FLOOR
QUANTITY	43 NOS
OPEN AREA	0.95 sqm



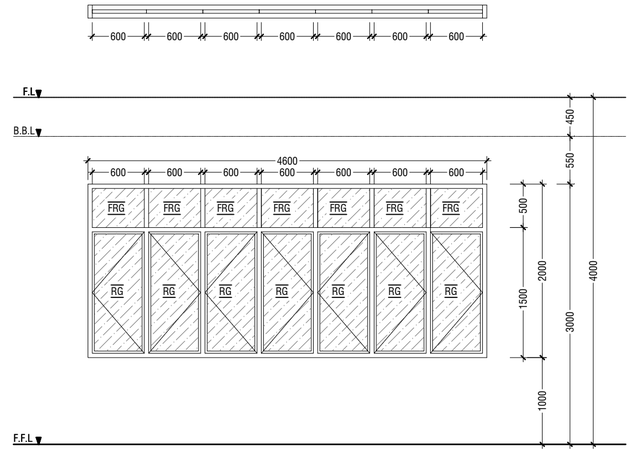
W2	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND FLOOR
QUANTITY	04 NOS
OPEN AREA	1.46 sqm



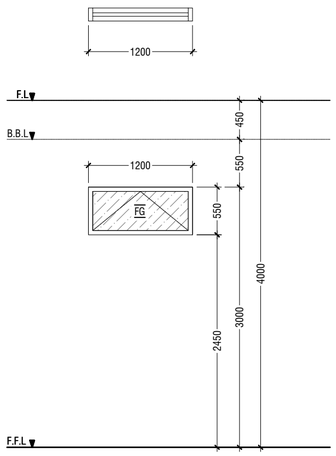
W3	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	BEDROOM, CLASSROOM
QUANTITY	04 NOS
OPEN AREA	2.19 sqm



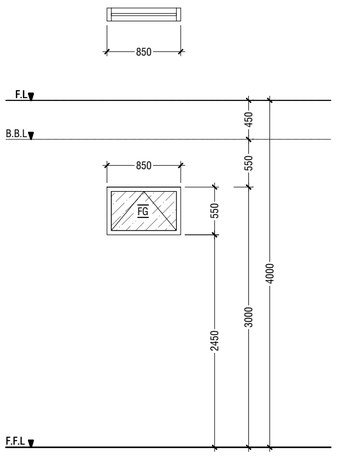
W4	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND AND FIRST FLOOR
QUANTITY	07 NOS
OPEN AREA	3.32 sqm



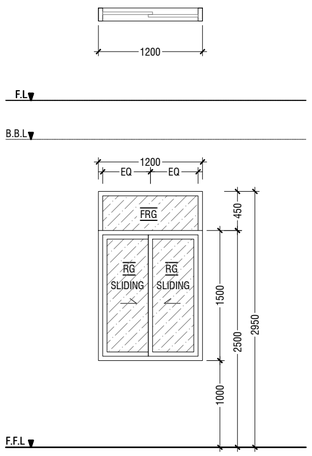
W5	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND AND FIRST FLOOR
QUANTITY	03 NOS
OPEN AREA	5.81 sqm



W6	TOP HUNG WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK FROSTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	TOILET
QUANTITY	02 NOS
OPEN AREA	0.49 sqm



W7	TOP HUNG WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK FROSTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND AND FIRST FLOOR
QUANTITY	08 NOS
OPEN AREA	0.33 sqm



W8	SLIDING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS
LOCATION	GROUND FLOOR
QUANTITY	04 NOS
OPEN AREA	0.80 sqm

SCHEDULE OF VENTILATION

Room name/ Number	*Room Areas (sqm) (Specify centre to centre or clear)*	*Window (opening) number*	*Required opening areas (sqm)*	*Designed opening areas (sqm)*	*Open %*
Ground Floor					
Admin	10.91	W5	1.091	5.81	53.25%
Dining	16.00	SD1	1.6	3.99	24.94%
Kitchen	11.50	W2,W1	1.15	2.18	18.96%
Data Achive	15.60	W8,W1,W1	1.56	2.24	14.36%
Executive Office	15.60	W8,W1,W1	1.56	2.24	14.36%
Male toilet	12.32	W6,W7	1.232	1.61	13.07%
Disable Toilet	5.73	W7	0.573	0.67	11.69%
Female Toilet	9.30	W7,W7	0.93	1.34	14.41%
Meteorological Watch Office	60.00	W4,SD2	6	7.59	12.65%
Observatory Hall	75.00	SD2	7.5	8.52	11.36%
Prayer Room	19.62	SD1	1.962	3.99	20.34%
First Floor					
Library	25.65	W5	2.565	5.81	22.65%
Meeting Room	81.33	W5, D2	8.133	8.15	10.02%
Male toilet	12.32	W6,W7	1.232	1.61	13.07%
Disable Toilet	5.73	W7	0.573	0.67	11.69%
Female Toilet	9.30	W7,W7	0.93	1.34	14.41%
Recording Room	18.00	W4	1.8	3.32	18.44%
Sound Proof Room	15.87	MECHANICAL VENTILATION			
Server Room	14.00	W1,D2	1.4	3.06	21.86%
Class Room	33.11	W3,W3	3.311	4.38	13.23%
Consultant Room	18.66	W4	1.866	3.32	17.79%

VENTILATION SCHEDULE

SCALE NTS

DOOR / WINDOW SCHEDULE - 2

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

NOTE:-
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- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- INTERNAL DOORS FRAME DEPTH TO BE WIDTH OF THE WALL.
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- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
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-ALL BUILDING ENVELOPE GLASSES ARE TO BE SHGC VALUE OF 0.25

LEGEND:-

CG - CLEAR GLASS
FCG - FIXED CLEAR GLASS
FG - FROSTED GLASS
FFG - FIXED FROSTED GLASS
RG - REFLECTED GLASS
FRG - FIXED REFLECTED GLASS
TG - TEMPERED CLEAR GLASS
AL - ALUMINIUMN LOUVERS
ST - SOLID TIMBER
T - TIMBER
PVC - POLYVINYL CHLORIDE

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DEC 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Structural :
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd Floor, H. Azure, Ameeneemagu, Male'

Title: Door & Window Schedule 02
Page: A-08/20

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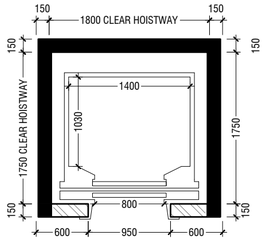
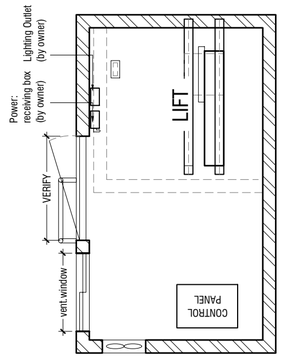


LIFT HOISTWAY PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



MACHINE ROOM PLAN

SCALE 1:50

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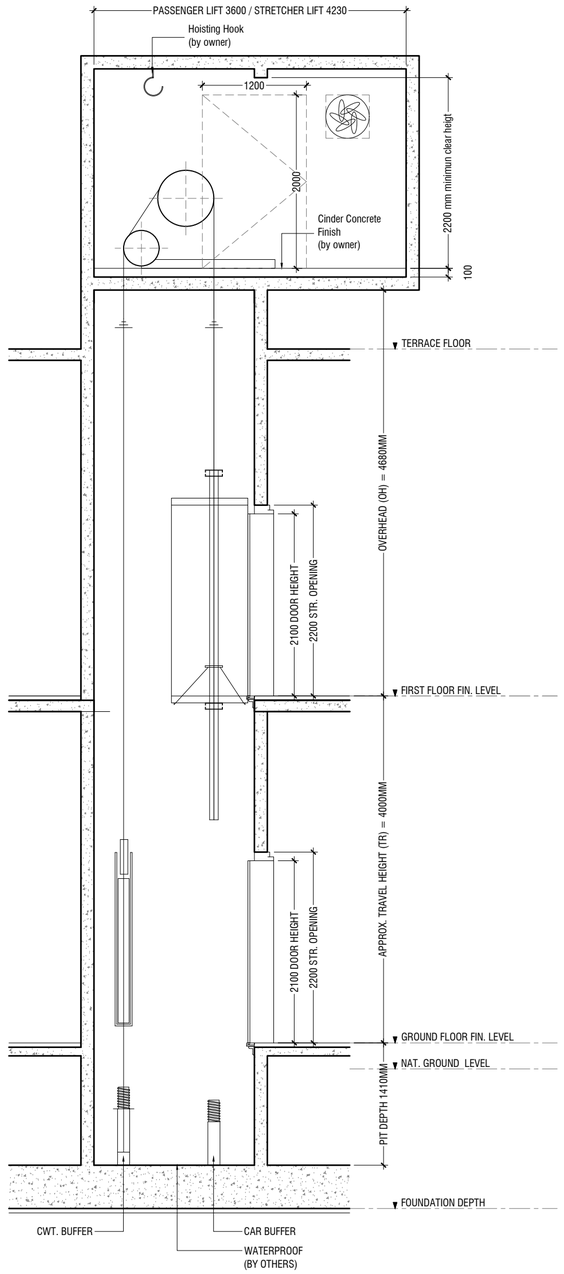
PASSENGER LIFT DETAILS



SECTION

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date Started: 26.12.2019
Architect : Mariyam Fasiha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Checked by :
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Title: Lift details

Page: A-09/20

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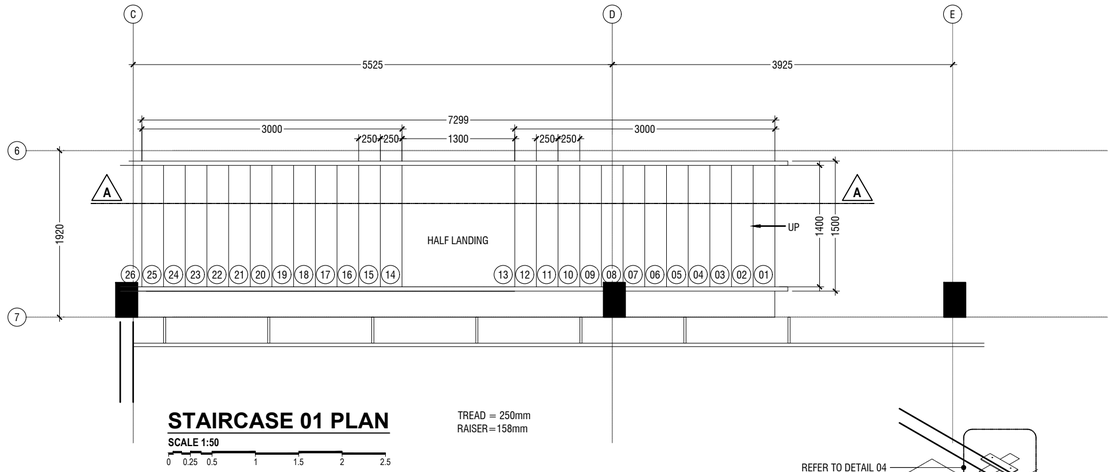
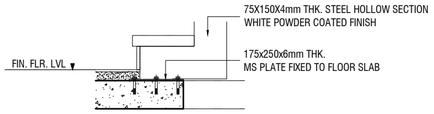


STAIRCASE 01 PLAN

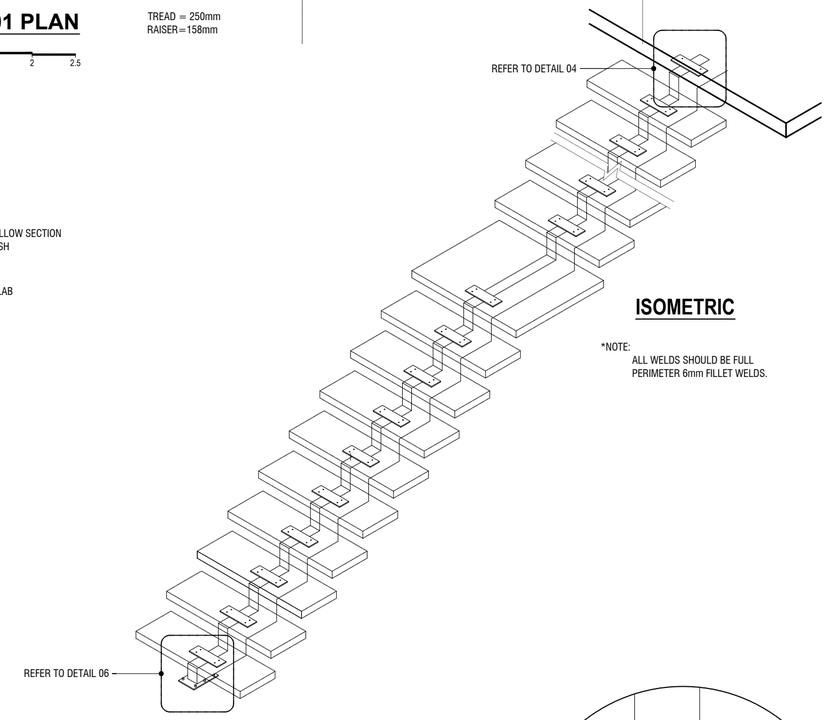
SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

TREAD = 250mm
RAISER=158mm

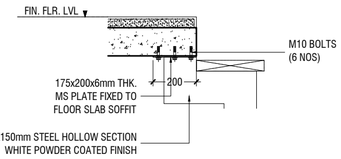


DETAIL 06

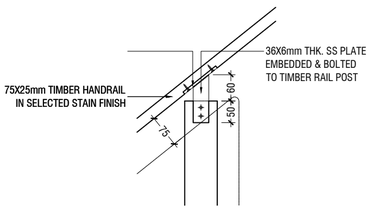


ISOMETRIC

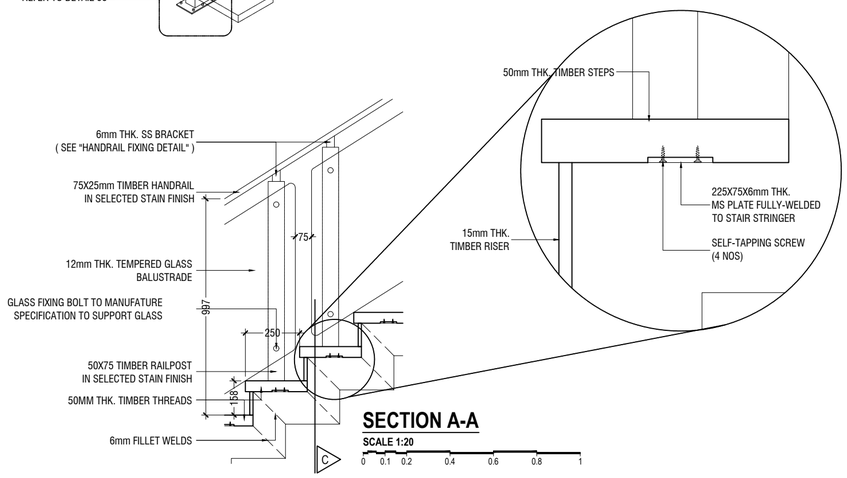
*NOTE:
ALL WELDS SHOULD BE FULL PERIMETER 6mm FILLET WELDS.



DETAIL 04



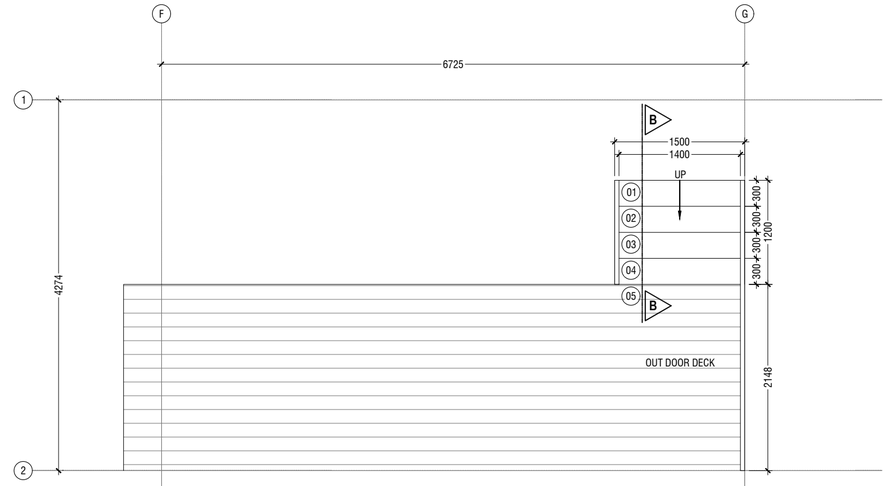
TIMBER HANDRAIL FIXING DETAIL



SECTION A-A

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

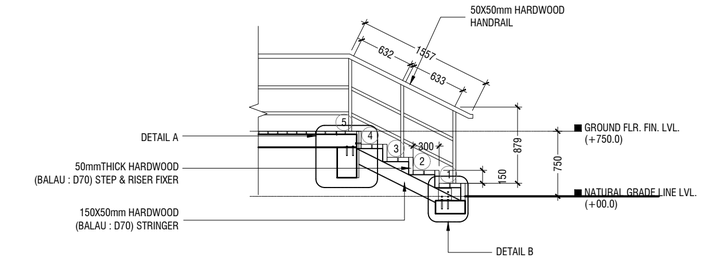


STAIRCASE 02 PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

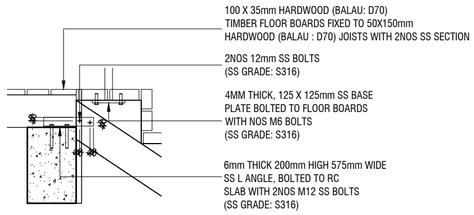
TREAD = 300mm
RAISER=150mm



SECTION B-B

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



DETAIL - A

SCALE 1:50

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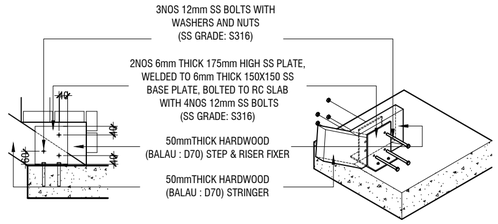

DETAIL - B

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

STAIRCASE DETAILS -02

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 12.12.2019
Architect : Mariyam Rasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Checked by :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Title: Staircase 01 & 02 Detail
Page: A-10/20

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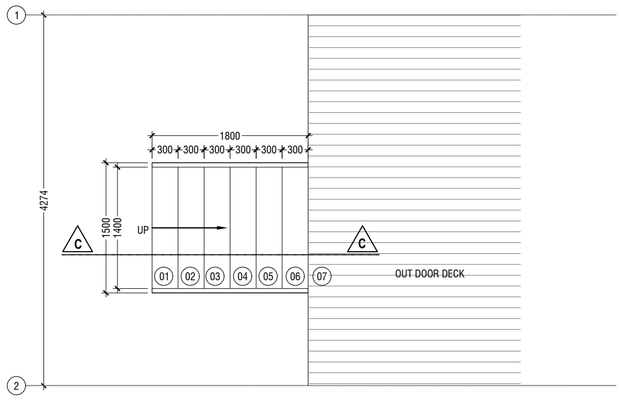
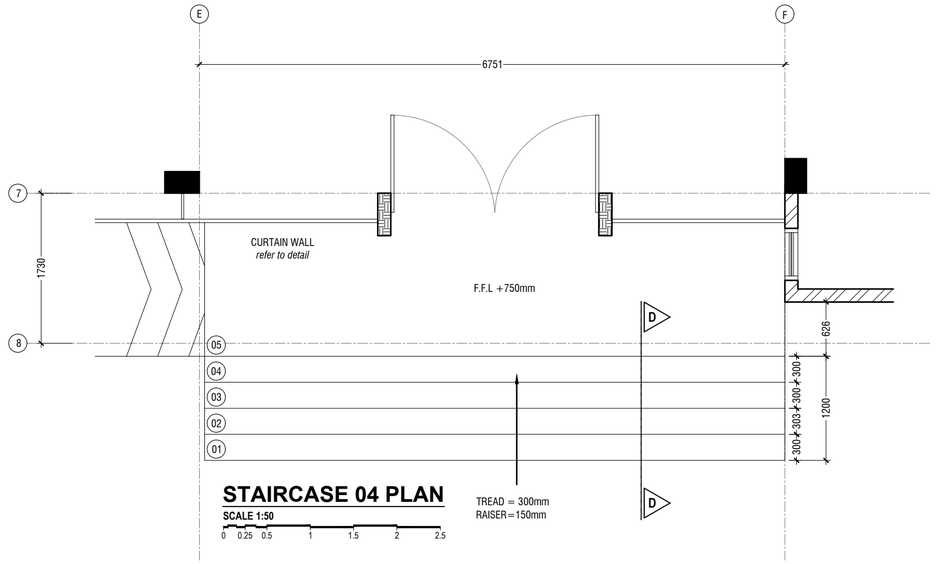


STAIRCASE 03 PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

TREAD = 300mm
RAISER=150mm

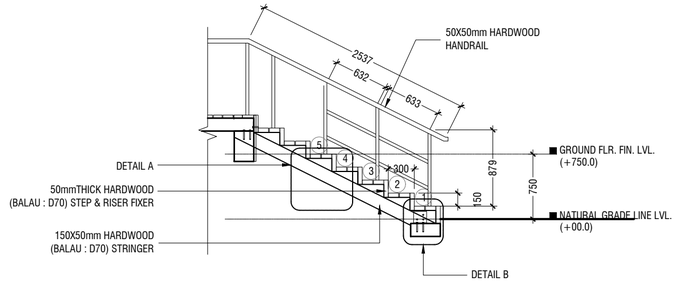


STAIRCASE 04 PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

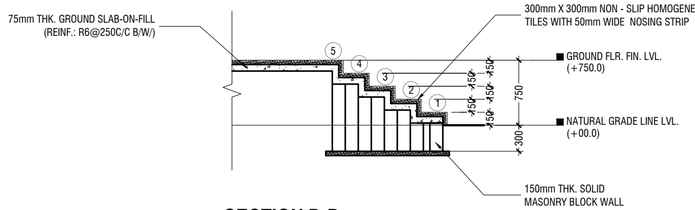
TREAD = 300mm
RAISER=150mm



SECTION C-C

SCALE 1:50

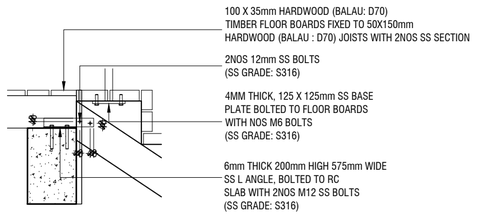
0 0.25 0.5 1 1.5 2 2.5



SECTION D-D

SCALE 1:50

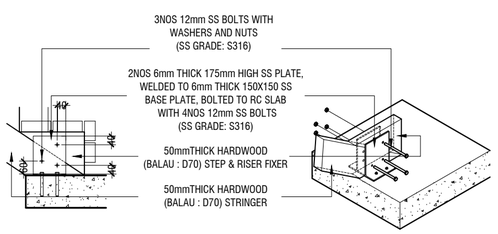
0 0.25 0.5 1 1.5 2 2.5



DETAIL - A

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



DETAIL - B

SCALE 1:50

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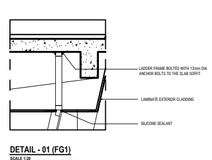

DETAIL - 01 (FG1)

SCALE 1:20

0 0.5 1.0 1.5 2.0 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: December 2019
Architect : Mariyam Firasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Checked by :
Service :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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3rd Floor, H. Azum, Ameeneemagu, Male'

Title: Staircase 03 & 04 Detail
Page: A-11/20

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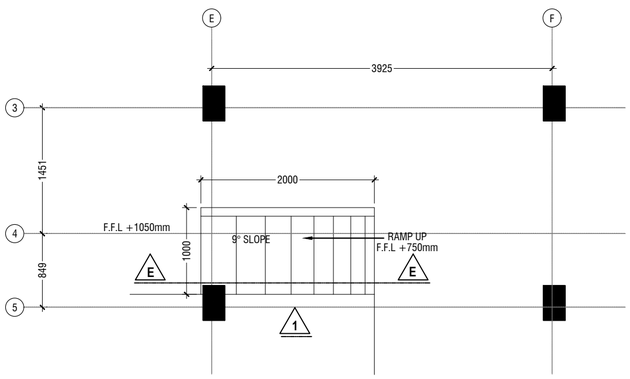
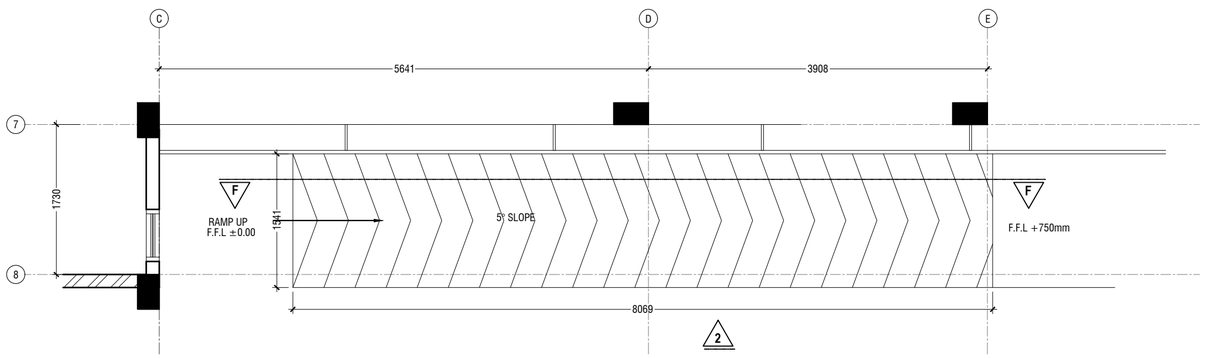
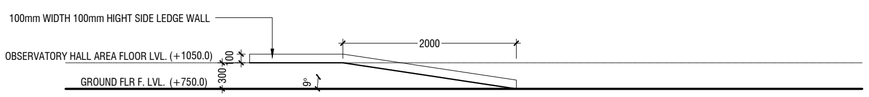


RAMP 01 PLAN

SCALE 1:50

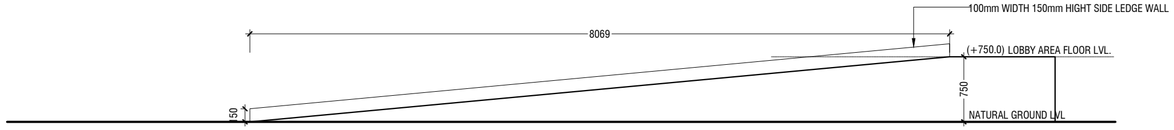
0 0.25 0.5 1 1.5 2 2.5





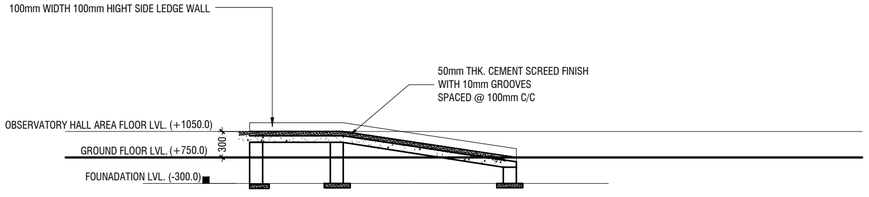
ELEVATION 1

SCALE 1:50



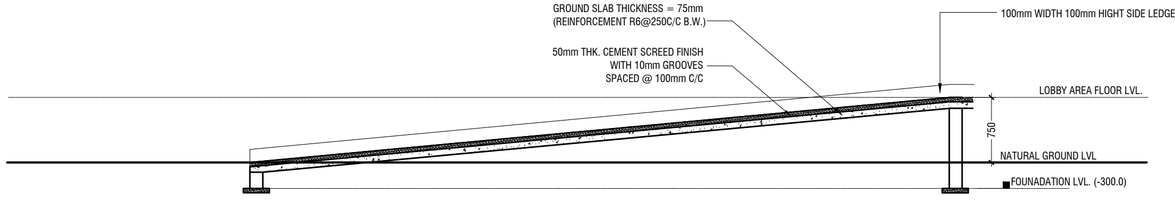
ELEVATION 2

SCALE 1:50



SECTION E - E

SCALE 1:50



SECTION F - F

SCALE 1:50

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Iresha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd Floor, H. Azum, Ameeneemagu, Male'

Title: Ramp Details

Page: A-12/20

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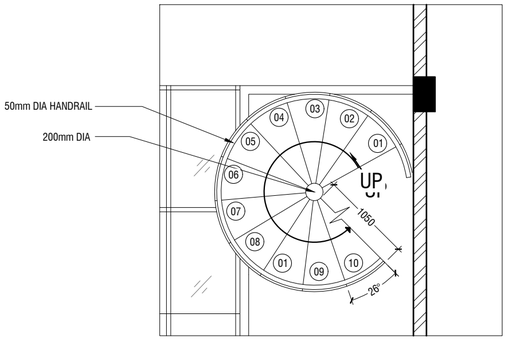


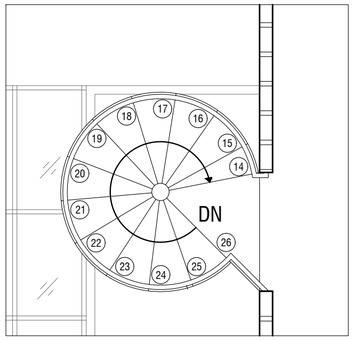
NOTE:

STEP WIDTH - 1050mm
RISER HEIGHT - 150mm
STEP ANGLE - 26deg
NUMBER OF RISER - 26
STEP THICKNESS - 25mm
HANDRAIL HEIGHT - 1000mm
HANDRAIL DIA - 50mm
INTERMEDIATE RAIL DIA- 10mm

SPIRAL STAIRCASE PLAN (FIRST FLOOR)

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



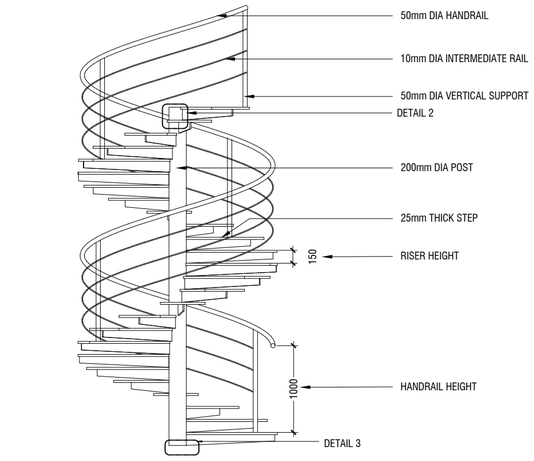
NOTE:

STEP WIDTH - 1050mm
RISER HEIGHT - 150mm
STEP ANGLE - 26deg
NUMBER OF RISER - 26
STEP THICKNESS - 25mm
HANDRAIL HEIGHT - 1000mm
HANDRAIL DIA - 50mm
INTERMEDIATE RAIL DIA- 10mm

SPIRAL STAIRCASE PLAN (TERRACE FLOOR)

SCALE 1:50

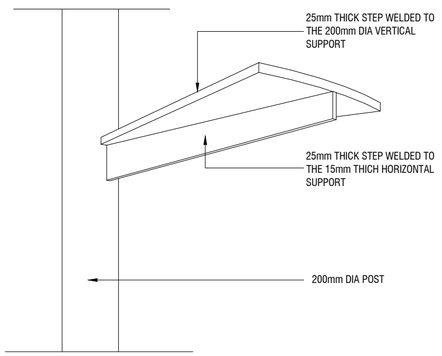
0 0.25 0.5 1 1.5 2 2.5



ELEVATION

SCALE 1:50

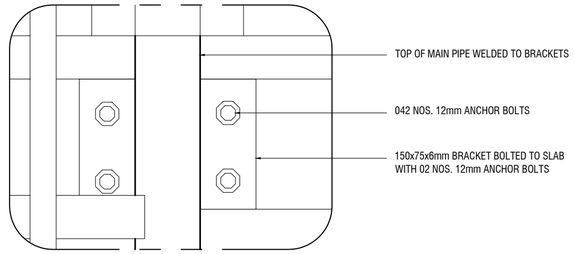
0 0.25 0.5 1 1.5 2 2.5



ISOMETRIC VIEW

SCALE NTS

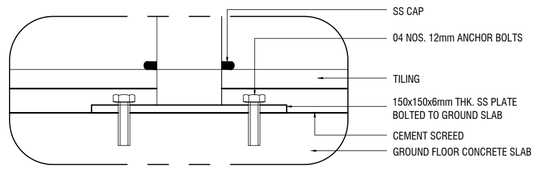
0 0.25 0.5 1 1.5 2 2.5



DETAIL 02

SCALE 1:05

0 0.25 0.5 1 1.5 2 2.5



DETAIL 01

SCALE 1:05

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 December 2019
Architect : Mariyam Fasiha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Structural :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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3rd Floor, H. Azum, Ameeneemagu, Male'

Title: Spiral Staircase Detail

Page: A-13/20

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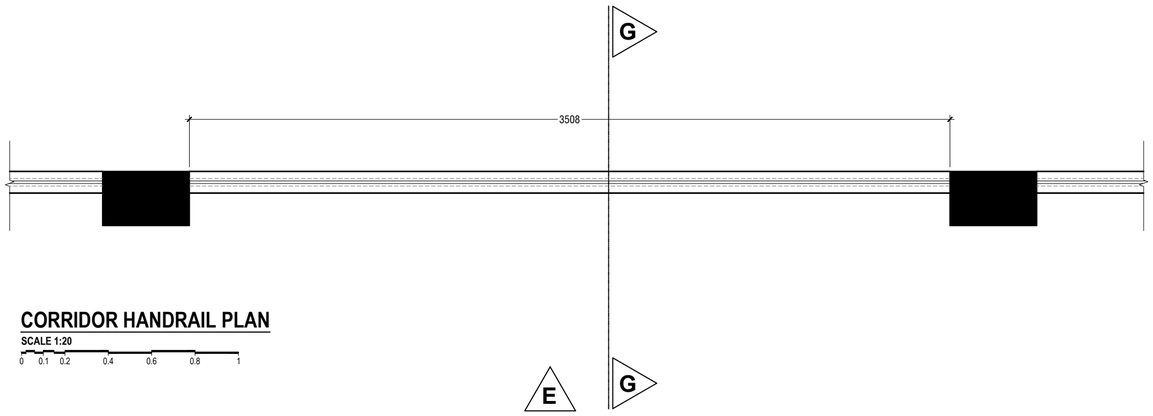
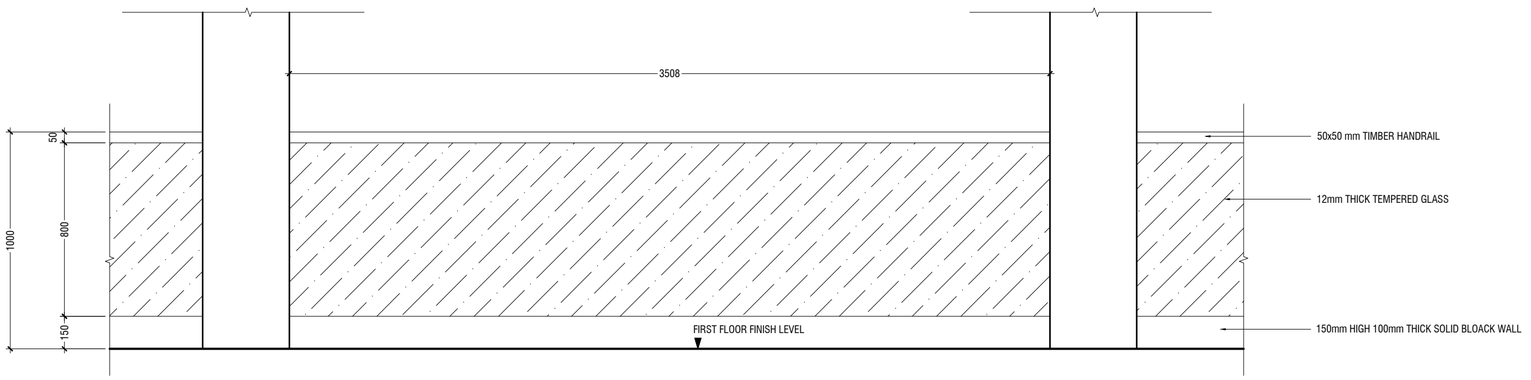


CORRIDOR HANDRAIL PLAN

SCALE 1:20

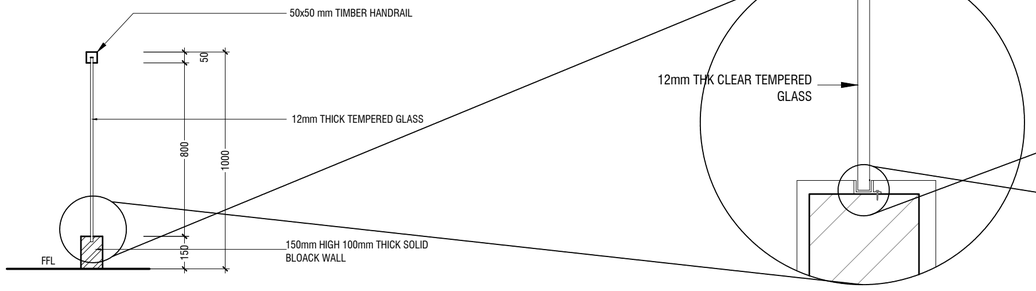
0 0.1 0.2 0.4 0.6 0.8 1



ELEVATION 3

SCALE 1:20

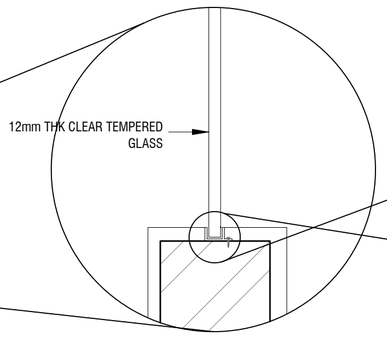
0 0.1 0.2 0.4 0.6 0.8 1



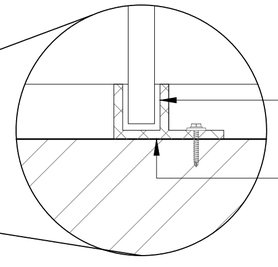
SECTION G-G

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



NOT TO SCALE



NOT TO SCALE

NOTE:

STRUCTURAL MUST DESIGN BY GLASS CONTRACTOR

TYPICAL CORRIDOR HANDRAIL DETAIL

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd floor, H. Azure, Ameeneemagu, Male'

Title: Corridor Handrail Detail

Page: A-14/20

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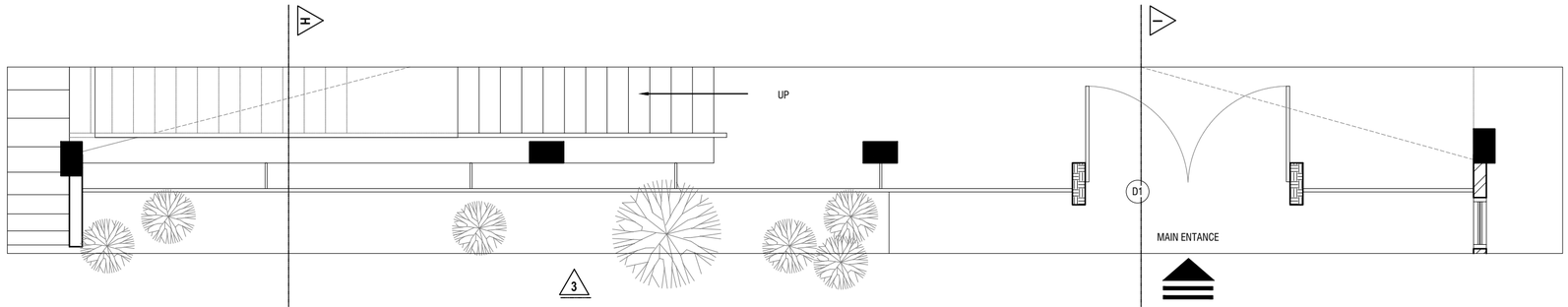
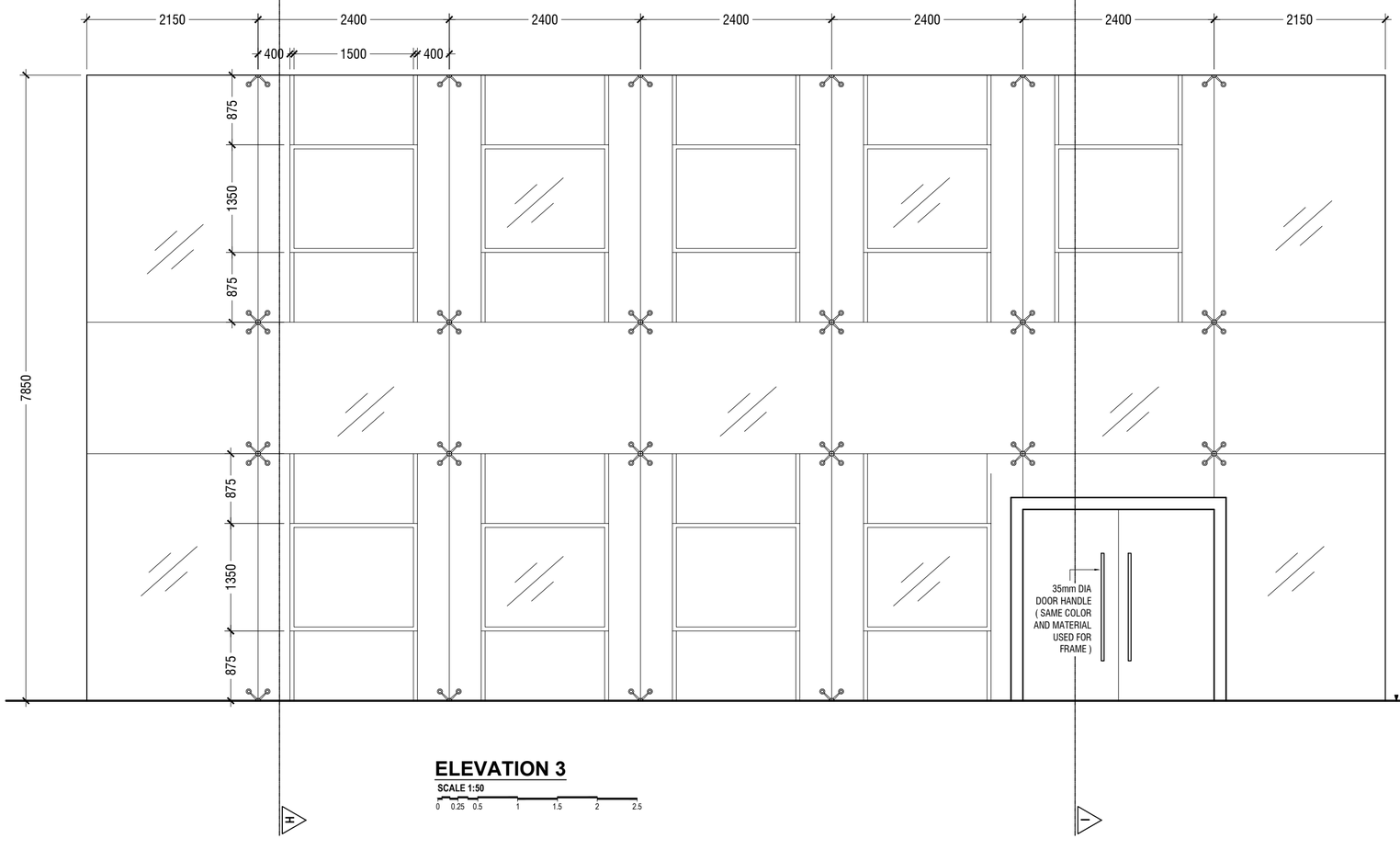


CURTAIN WALL PLAN

SCALE 1:50

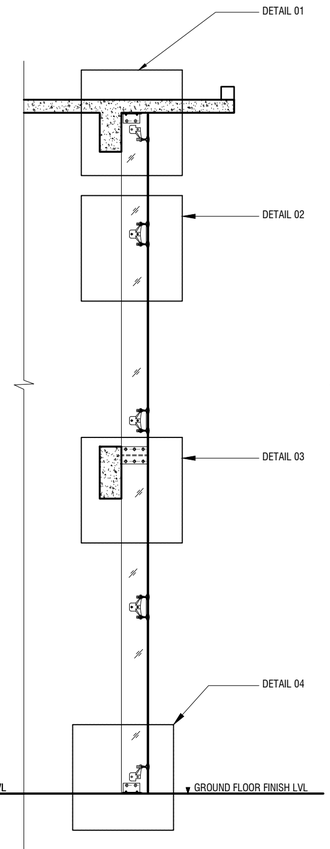
0 0.25 0.5 1 1.5 2 2.5



ELEVATION 3

SCALE 1:50

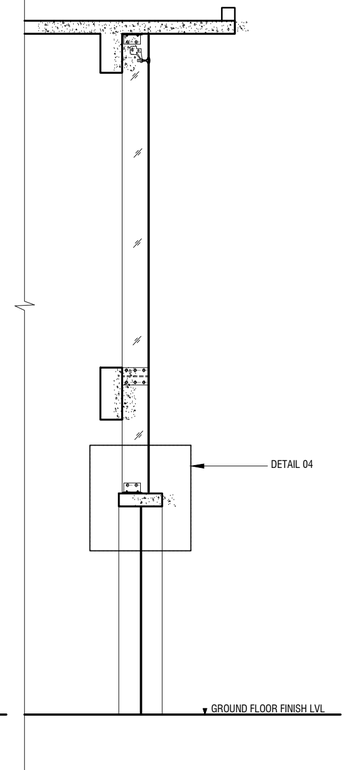
0 0.25 0.5 1 1.5 2 2.5



SECTION H-H

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



SECTION I-I

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

ENTRANCE CURTAIN WALL DETAIL - 01

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

NOTE:

GLASS FACADE STRUCTURAL MUST DESIGN BY GLASS CONTRACTOR

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Iusha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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Title: Entrance Glass Detail 01

Page: A-15/20

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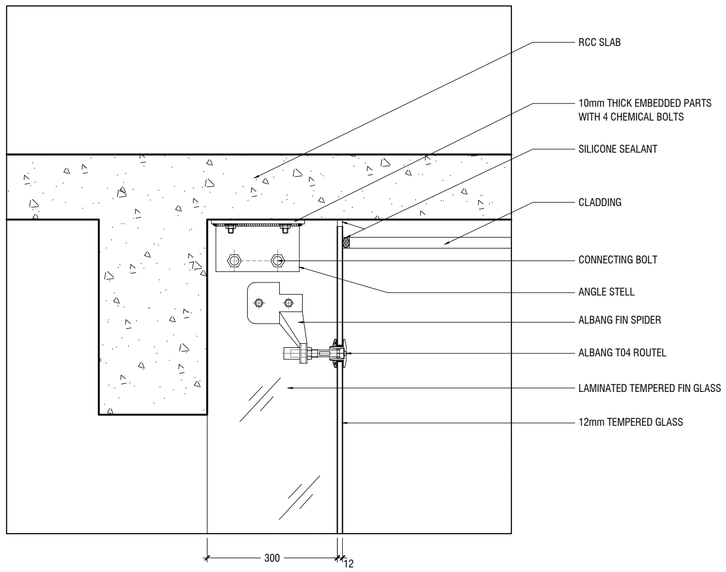
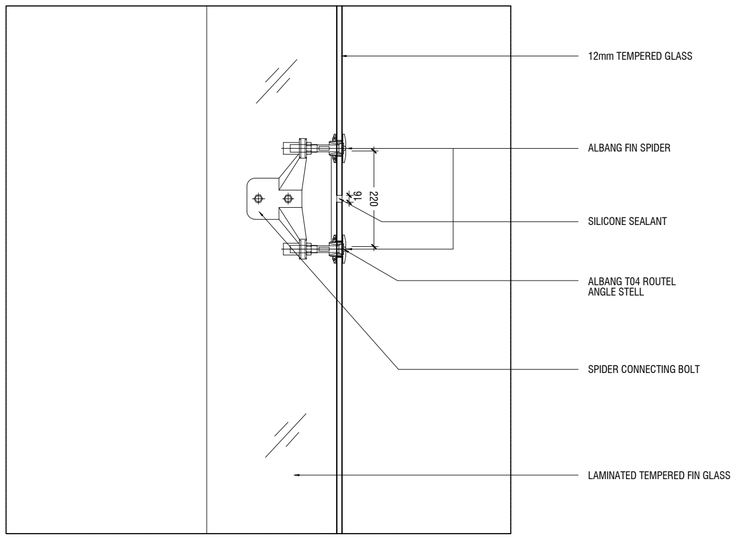


DETAIL - 01

SCALE 1:10

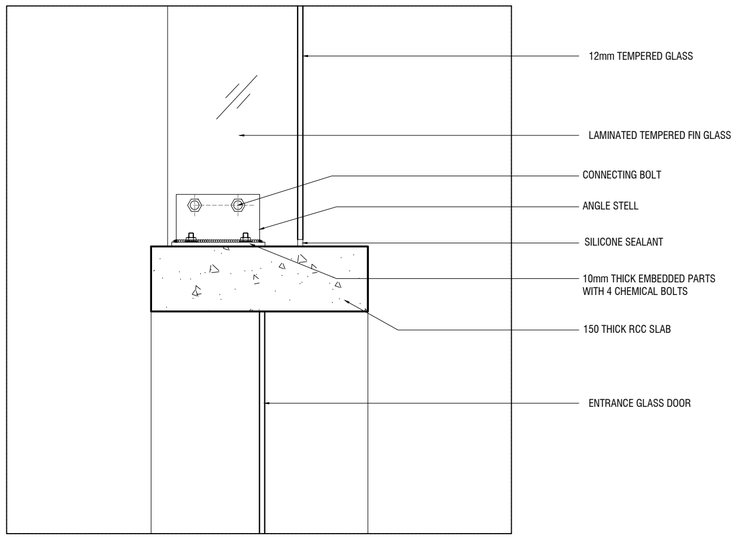
0 0.1 0.2 0.4 0.6 0.8 1



DETAIL - 02

SCALE 1:10

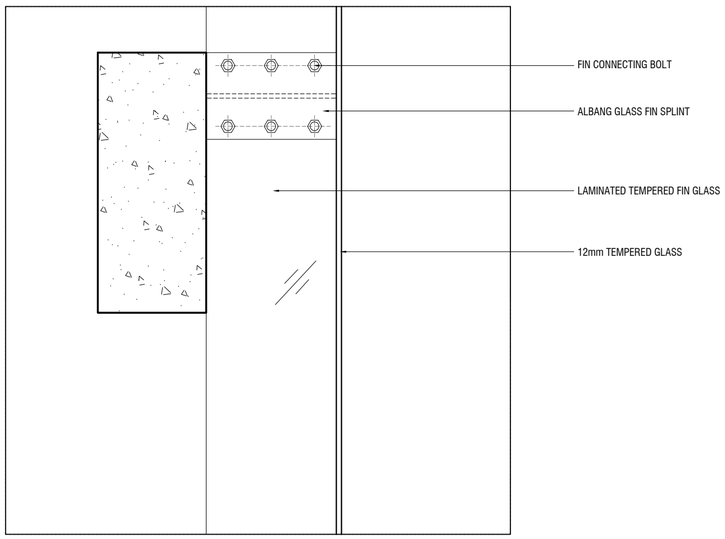
0 0.1 0.2 0.4 0.6 0.8 1



DETAIL - 02

SCALE 1:10

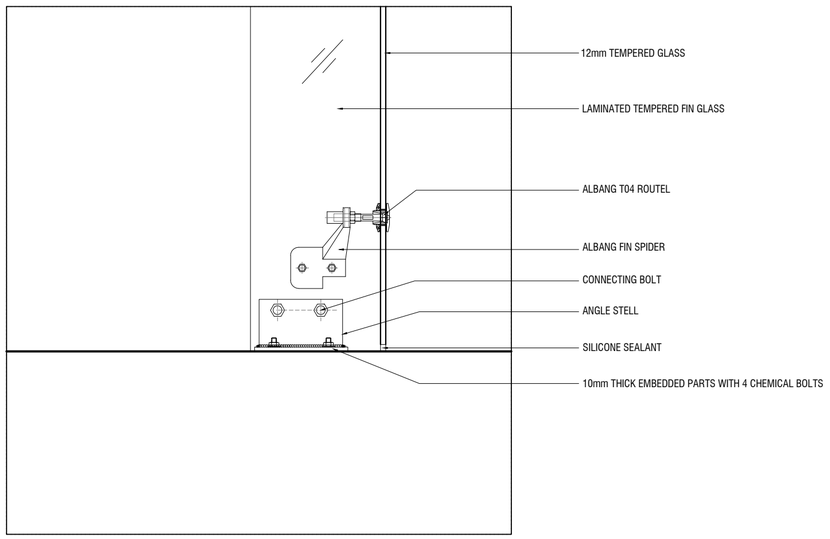
0 0.1 0.2 0.4 0.6 0.8 1



DETAIL - 03

SCALE 1:10

0 0.1 0.2 0.4 0.6 0.8 1



DETAIL - 04

SCALE 1:10

0 0.1 0.2 0.4 0.6 0.8 1

ENTRANCE GLASS WALL DETAILS - 02

SCALE 1:10

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RV/2019/000
Date Started: 26.12.2019
Architect : Mariyam Fasiha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Checked :
Service :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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Title: Entrance Glass Detail 02

Page: A-16/20

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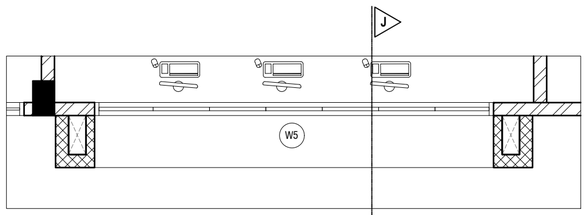
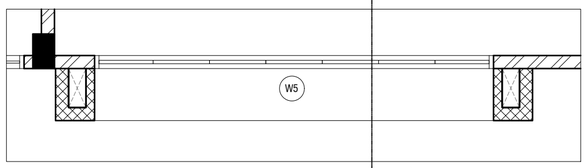


GROUND FLOOR PLAN

SCALE 1:50

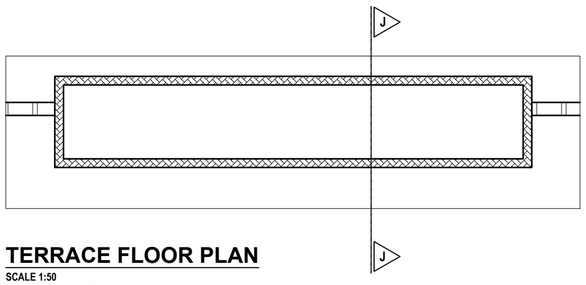
0 0.25 0.5 1 1.5 2 2.5



FIRST FLOOR PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



TERRACE FLOOR PLAN

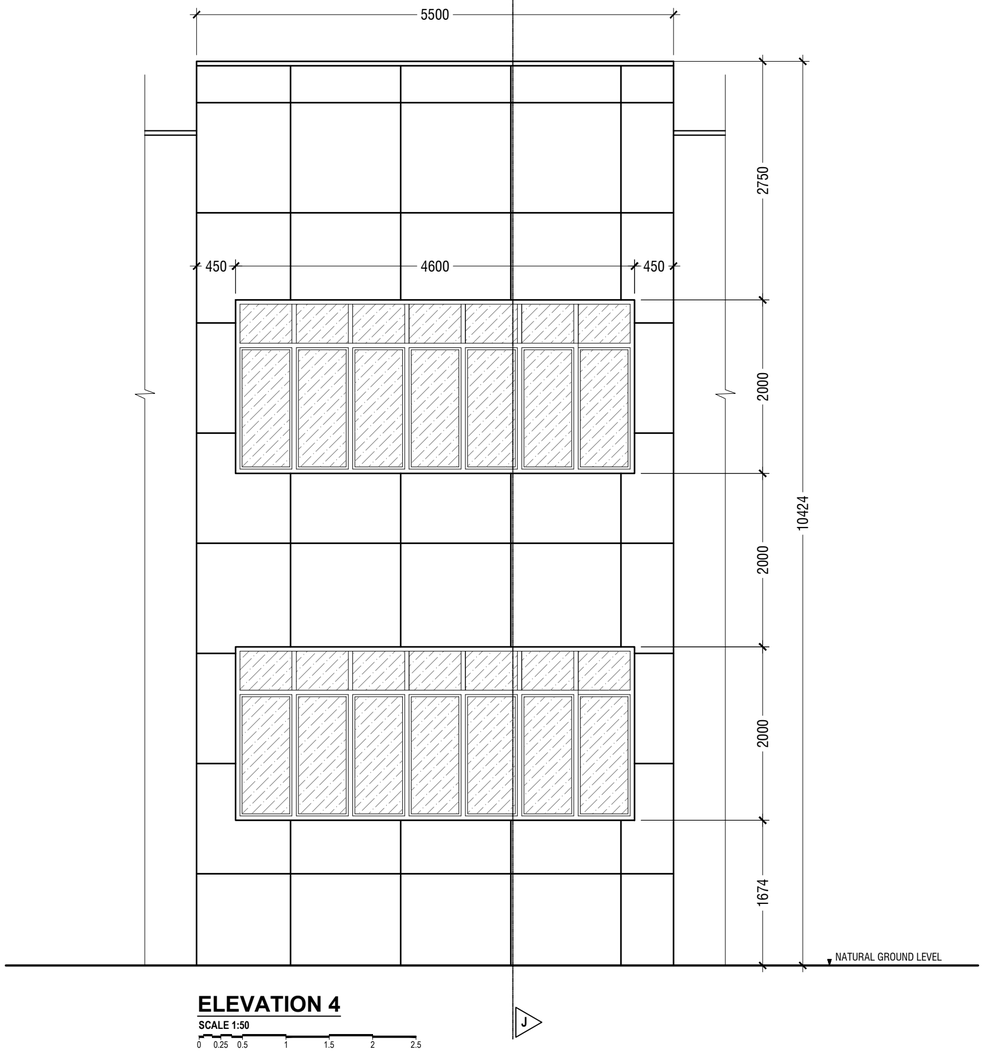
SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

SUNSHADE FEATURE

SCALE 1:50

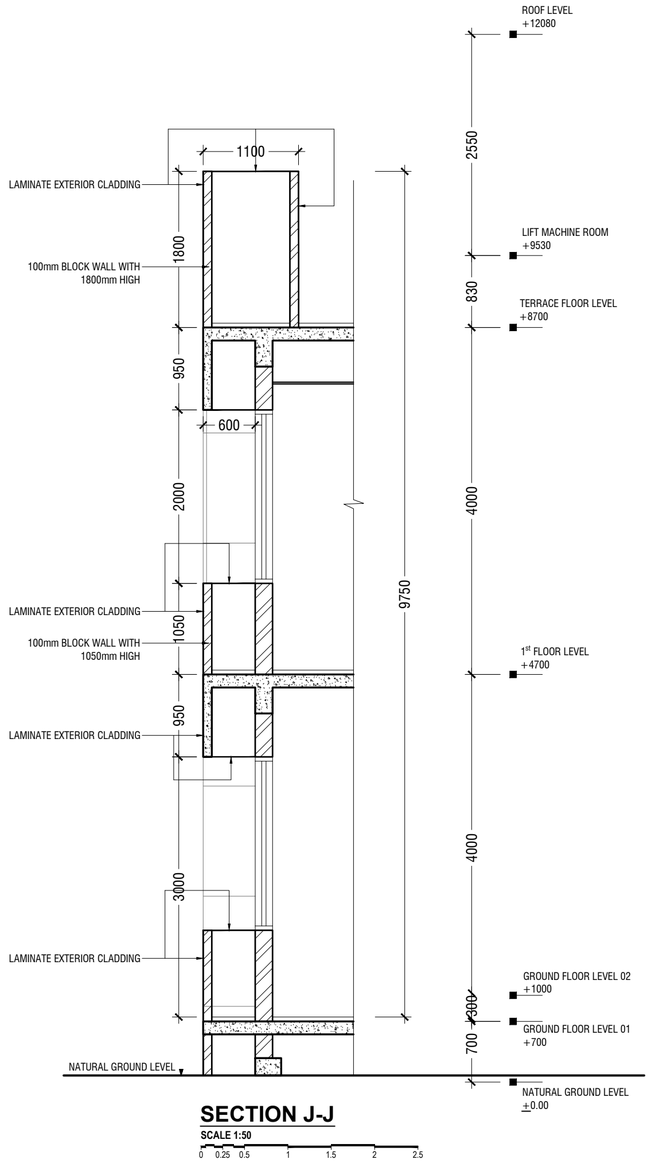
0 0.25 0.5 1 1.5 2 2.5



ELEVATION 4

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



SECTION J-J

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Project Number: RI/2019/400
Date: October 2019
Architect : Mariyam Ilasha
Engineer :
Drawn by : Pradhaharan Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Sun Shade Feature Detail
Page: A-17/20

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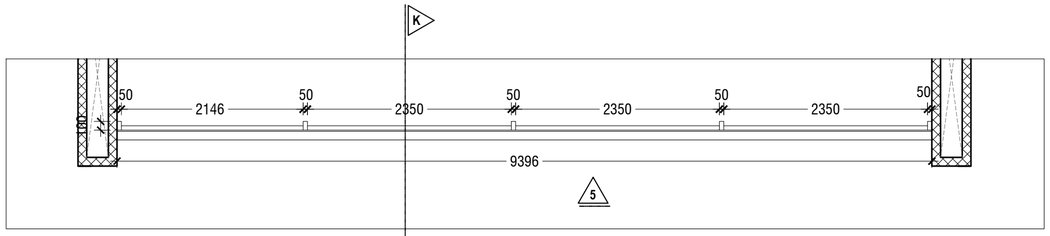
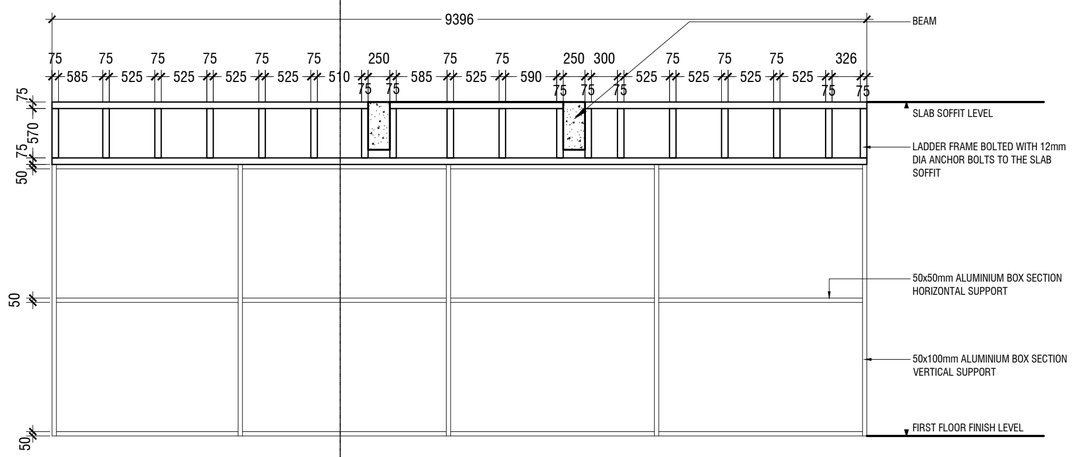


PLAN (FG2)

SCALE 1:50

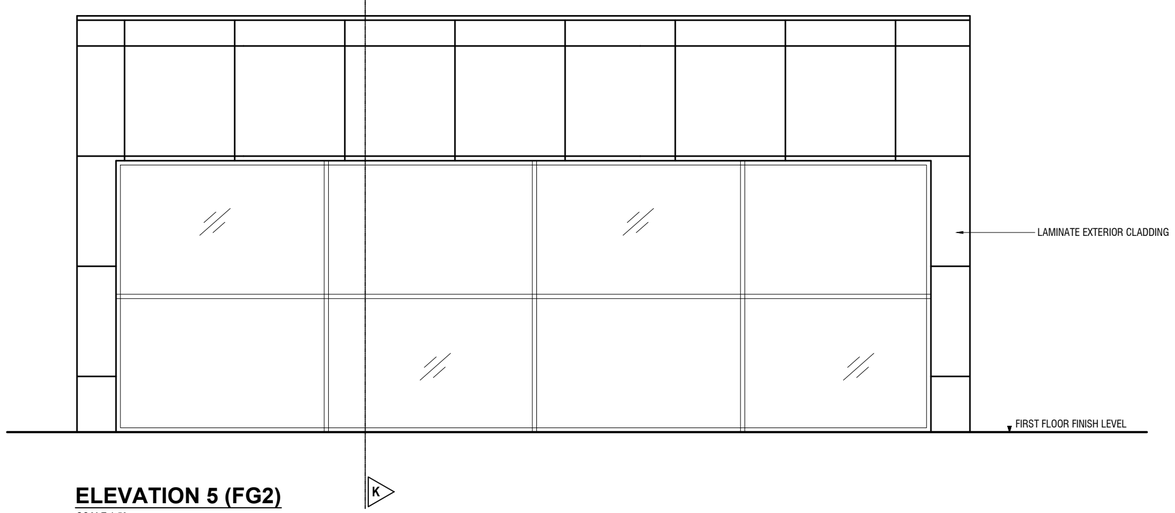
0 0.25 0.5 1 1.5 2 2.5



INTERNAL ELEVATION (FG2)

SCALE 1:50

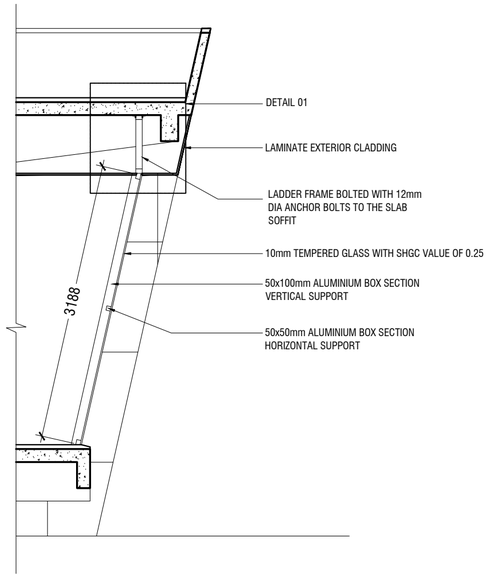
0 0.25 0.5 1 1.5 2 2.5



ELEVATION 5 (FG2)

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



SECTION K-K (FG2)

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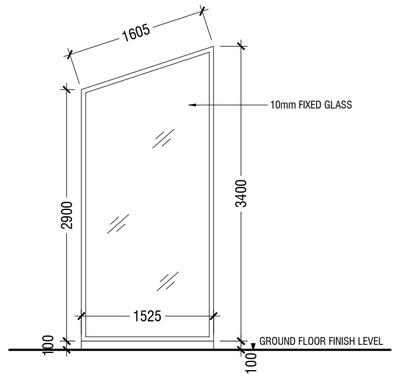

FG1	FIXED GLASS
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME 50x100mm WITH 10mm CLEAR GLASS.
LOCATION	GROUND FLOOR
QUANTITY	2 NOS.

ELEVATION (FG1)

SCALE 1:50

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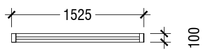

PLAN (FG1)

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FIXED GLASS (FG1&FG2)

SCALE 1:50

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Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: October 2019
Architect : Mariyam Inasha
Engineer : Prabhakaran Nadimuthu
Drawn by :
Checked by :
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
-	-
-	-

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w : www.riyan.com.mv
3rd floor, H. Azum, Ameeneemagu, Male'

Title: FG1 & FG2 Detail

Page: A-18/20

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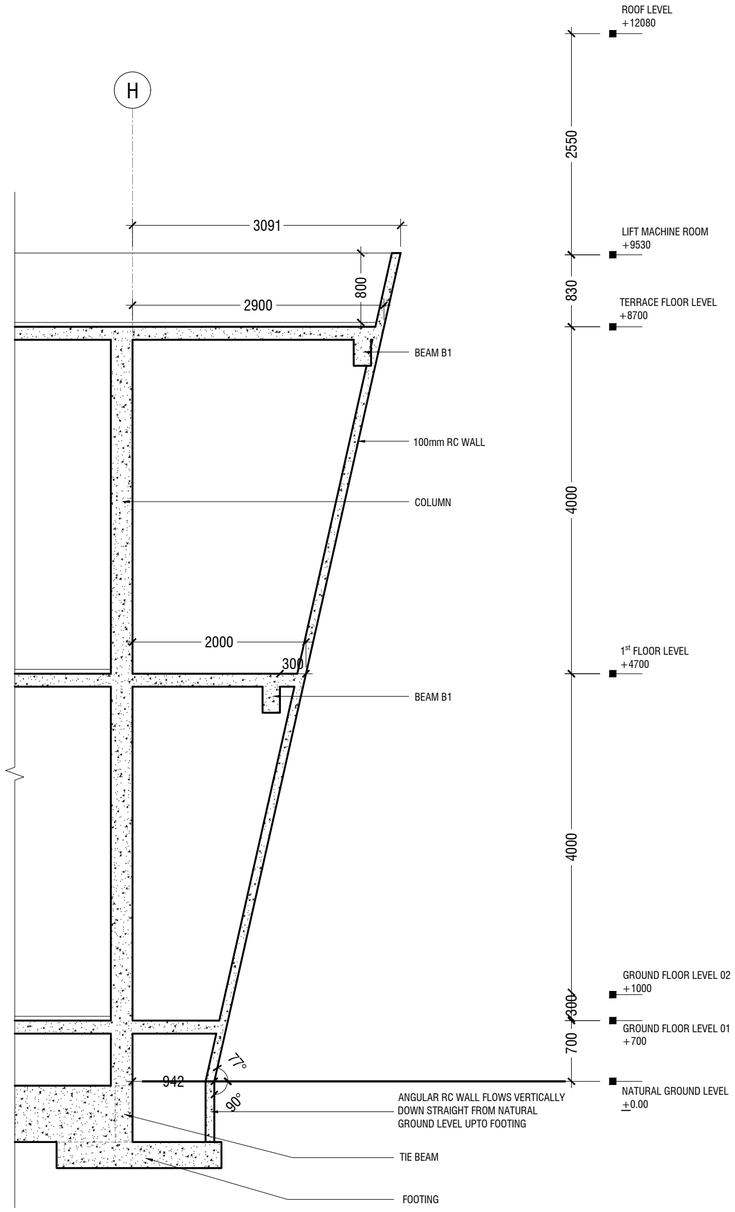

SECTION L-L

SCALE 1:50

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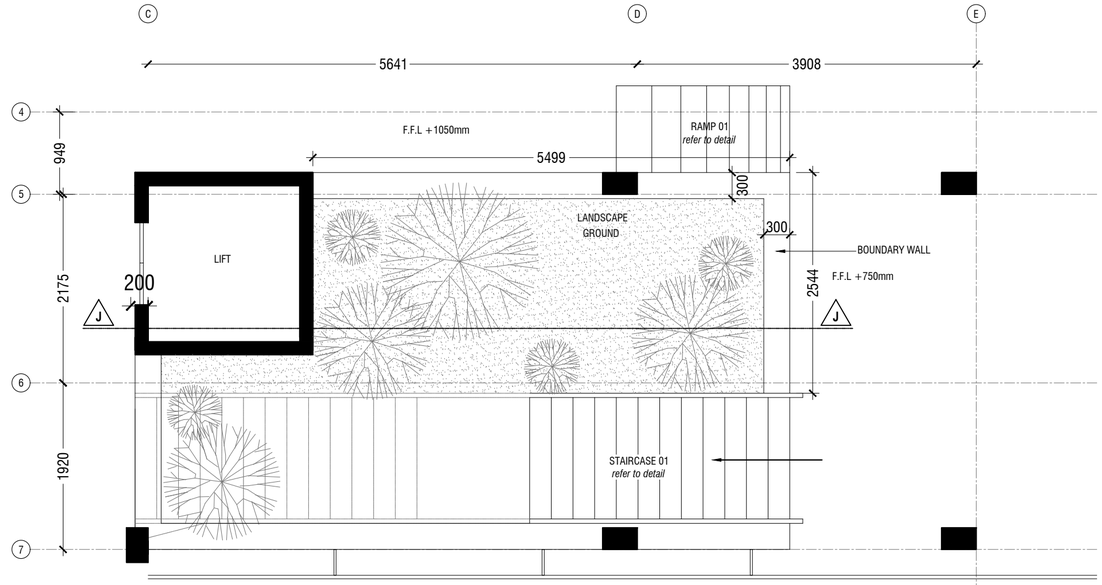

LANDSCAPE AREA DETAIL

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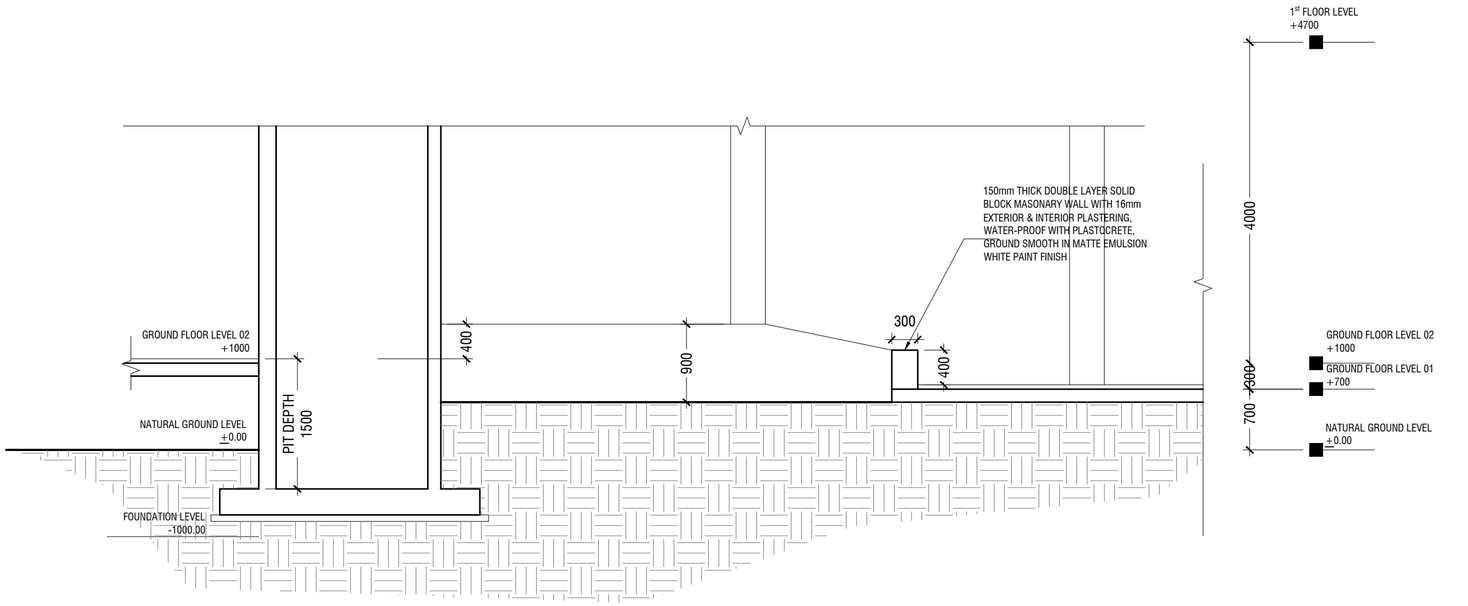

SECTION J-J

SCALE 1:100

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Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
--	--
--	--

Project Number: RI/2019/000
Date: DEC/2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd Floor, H. Azum, Ameeneemagu, Male'

Title: Section L-L
Slanting Wall Detail
Page: A-19/20

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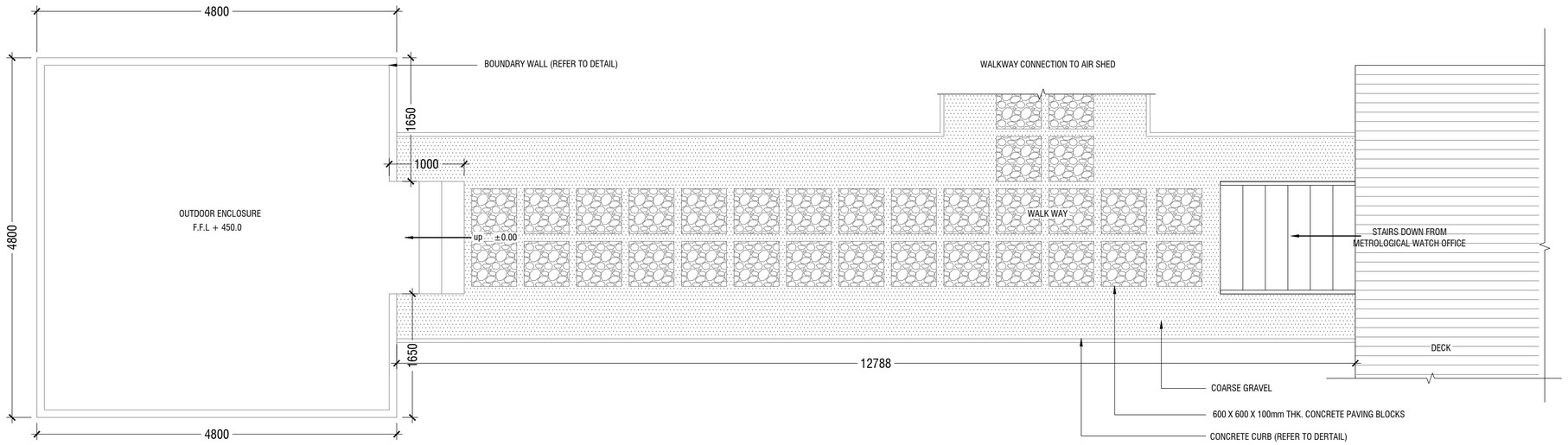

OUTDOOR ENCLOSURE DETAILS

SCALE 1:50

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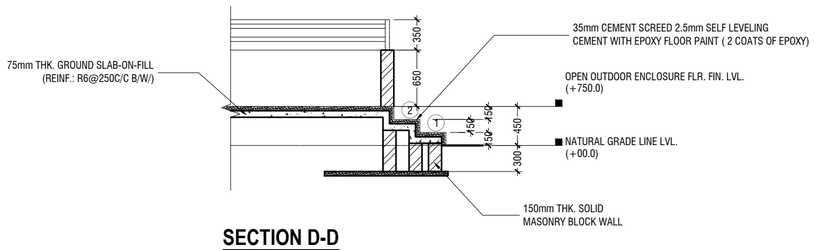

SECTION D-D

SCALE 1:50

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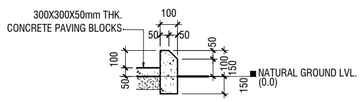

CONCRETE CURB DETAIL

SCALE 1:20

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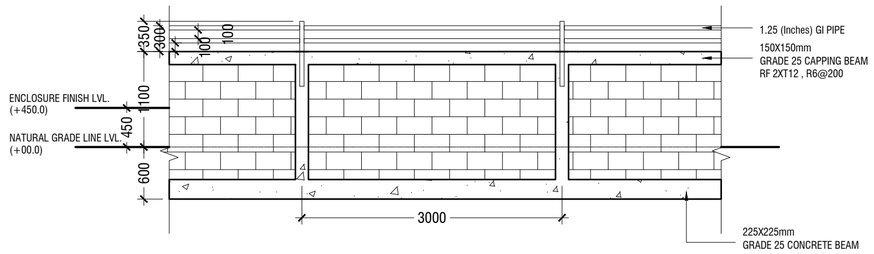

BOUNDARY WALL DETAIL

SCALE 1:50

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Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date Started: 26.12.2019
Architect : Mariyam Fasiha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Checked by :
Surveyor :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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3rd Floor, H. Azum, Ameeneemagu, Male'

Title: Outdoor enclosure Details
Page: A-19/20

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GENERAL NOTES

THE GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS.
REGARDLESS OF WHETHER OR NOT SHOWN IN DRAWINGS OR OTHER TENDER DOCUMENTS, THE STANDARD PROVISIONS SPECIFIED HEREUNDER FOR COMPLIANCE BY THE CONTRACTOR SHALL APPLY TO ALL RELEVANT PORTIONS OF THE STRUCTURAL WORKS AND SHALL FORM PART OF THIS CONTRACT.

1.0 VERIFICATION OF DIMENSIONS AND LEVELS

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS ON SITE, AND RESOLVE ALL DISCREPANCIES WITH THE ARCHITECT OR ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- DRAWING INDICATES GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE OF SIMILAR CHARACTER TO DETAILS SHOWN AND ALTHOUGH NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECTED TO REVIEW BY THE ENGINEER.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS IN THE CONTRACT DRAWINGS.
- DISCREPANCIES IN DRAWINGS ARISING FROM SUCH VERIFICATION WORKS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

2.0 SHOP DRAWINGS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF ALL WORKS AND SHALL TAKE SITE MEASUREMENTS PRIOR TO THE PREPARATION OF ANY SHOP DRAWINGS OR BEFORE COMMENCING FABRICATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL SPECIALIST TRADES, SUCH AS PRESTRESSING, CURTAIN WALLING, ETC. FOR REVIEWS AND COMMENTS BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK. SUCH SHOP DRAWINGS SUBMITTED SHALL INCORPORATE ALL NECESSARY CONNECTION DETAILS TO THE STRUCTURAL MEMBERS SUCH AS CAST-IN INSERTS, EMBEDDED PLATES, ETC.

3.0 INCORPORATION OF M&E REQUIREMENTS IN THE STRUCTURE

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF STRUCTURAL, M & E PENETRATION DRAWINGS OF SERVICES AND SUBMIT SUCH SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEWS AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- THESE SHOP DRAWINGS SHALL INCORPORATE ALL MECHANICAL, ELECTRICAL AND SANITARY WORKS TO BE EMBEDDED IN CONCRETE AND ALL OPENINGS FOR ALL PIPE OR DUCT WORKS, BASED ON THE REQUIREMENTS OF M & E DRAWINGS IN HIS POSSESSION.
- HE SHALL CHECK AND RESOLVE ALL DISCREPANCIES WITH THE RESPECTIVE ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

4.0 LEAN CONCRETE FOR SUSPENDED STRUCTURES

- UNLESS OTHERWISE STATED, 50 MM THICK LEAN CONCRETE WITH A MINIMUM 28-DAY CUBE STRENGTH OF 15N/MM2 SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF STRUCTURAL CONCRETE MEMBERS.

5.0 STRUCTURAL ELEMENTS ON GRADE

- UNLESS OTHERWISE STATED, A SINGLE LAYER OF 0.25 MM(HEAVY DUTY) POLYTHENE SHEET, OR EQUIVALENT THERMOPLASTIC MATERIAL, LAID OVER A COMPACTED 60 MM THICK LAYER OF HARD CORE BLINDED WITH SAND TO PREVENT GROUT LOSS FROM SEEPAGE INTO THE GROUND SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF THE NON-SUSPENDED SLABS.

6.0 SUBGRADE UNDER STRUCTURAL ELEMENTS

- WHERE THE CONTRACTOR REQUIRES REMOVAL AND SUBSEQUENT BACKFILL OF SUBGRADE PRIOR TO CASTING OF PILECAP/WALL/BEAM/SLAB, HE SHALL ENSURE THAT THE BACKFILL IS OF APPROVED MATERIAL AND THAT THE BACKFILL SHALL BE REASONABLY COMPACTED TO ENSURE THAT THE COMPACTED SOIL IS ABLE TO WITHSTAND THE WEIGHT OF THE WET CONCRETE. THE CONTRACTOR SHALL EXERCISE PROPER SKILL AND CARE TO AVOID DAMAGE TO ADJACENT INSTALLED STRUCTURES ARISING FROM HIS CONSTRUCTION SEQUENCE.

7.0 WATERPROOFING FOR STRUCTURES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND METHOD STATEMENTS FOR THE ENGINEER'S APPROVAL PRIOR TO COMMENCEMENT OF WORK. REQUIRED SHOP DRAWING DETAILS INCLUDE BUT ARE NOT LIMITED TO TREATMENT OF FLASHINGS, WATERSTOP AT CONSTRUCTION JOINTS, WALL AND SLAB PENETRATIONS.
- ALL PENETRATIONS THROUGH STRUCTURAL ELEMENTS SHALL BE CAST-IN, SLEEVED AND PROVIDED WITH APPROVED PUDDLE FLANGE DETAIL. IF FOR ANY REASON THE CONTRACTOR IS UNABLE TO LAY WATERSTOP AT CONSTRUCTION JOINTS AS INDICATED IN THE DRAWINGS, HE SHALL AT HIS OWN EXPENSES PROVIDE ADEQUATE GROUT TUBES FOR WATERPROOF PRESSURE GROUTING TO ENSURE WATERTIGHTNESS OF THE JOINT.
- ALL GROUT TUBES SHALL BE MARKED AND PROTECTED FROM BLOCKAGE.
- BACKFILLING OPERATIONS AGAINST VERTICAL SURFACE SHALL BE CARRIED OUT AS SOON AS THE WATERPROOFING BARRIER IS INSTALLED TO THE SATISFACTION OF THE ENGINEER.

8.0 CASTING LAYERS

- INCLINED CASTING LAYERS AND INCLINED CONSTRUCTION JOINTS SHALL BE AVOIDED.
- HORIZONTAL CASTING LAYERS SHALL NOT IN GENERAL EXCEED 0.6 M THICKNESS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

9.0 FOUNDATIONS

- ALL FOUNDATIONS HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 150 KN/M.
- ALL BACKFILL SHOULD BE DONE WITH MATERIALS APPROVED BY THE CONSULTANT AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
- WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
- IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
- IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE BELOW LEVEL OF FOUNDATIONS.
- THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGH OUT THE CONSTRUCTION PERIOD. RESTORING WATER TABLE CAN BE DONE AFTER BACKFILLING AND COMPACTION UP TO THE SLAB ON GRADE LEVEL, OR AS DIRECTED BY THE ENGINEER.
- NO BACK FILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

10.0 CONSTRUCTION LOAD AND SHORING

- CONSTRUCTION LIVE LOAD IMPOSED ON ANY SINGLE FLOOR SHALL NOT EXCEED 1.5 KN/M2. UNLESS OTHERWISE APPROVED BY THE ENGINEER, DEAD LOAD OF THE TOP CONSTRUCTION FLOOR SHALL BE SUPPORTED BY TWO COMPLETED FLOORS DIRECTLY BELOW IT.
- PROPS TO BEAMS AND SLABS AT ANY FLOORS SHALL NOT BE REMOVED UNTIL THE TWO IMMEDIATE FLOORS ABOVE THAT LEVEL ARE CAPABLE OF SUPPORTING THEMSELVES AS WELL AS ANY LOADS IMPOSED DURING CONSTRUCTION. CONSIDERATIONS GOVERNING REMOVAL OF PROPS INCLUDE BUT ARE NOT LIMITED TO THE ATTAINMENT OF 28-DAY STRENGTH FOR THE CONCRETE, DESIGN LOAD CAPACITY OF THE FLOOR UNDER REVIEW AND THE COMPLETION OF PRESTRESSING AND GROUTING OPERATIONS IN THE CASE OF A PRESTRESSED STRUCTURAL FLOOR SYSTEM.

- PROPS SHALL BE LEFT IN PLACE FOR SUPPORTING THE CONSTRUCTION LOADS APPROVED BY THE ENGINEER.
- NO ALLOWANCE HAS BEEN MADE IN THE DESIGN OF THE PERIMETER BEAMS/WALLS FOR THE SUPPORT OF TEMPORARY SCAFFOLDINGS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER TO DESIGN AND STRENGTHEN THE BEAMS/WALLS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER CHECK THE ADEQUACY OF SHORING DETAIL PROVIDED PROCEEDING THE WORK, AS SHORING WAS DESIGNED, CONSIDERING THE STATUS OF THE BUILDING AT THE TIME OF DESIGN.

11.0 CONCRETE COVER

- MINIMUM COVER TO OUTERMOST REINFORCEMENT INCLUDING LINKS SHALL BE AS FOLLOWS.

STRUCTURAL ELEMENT	COVER (mm)
RAFT BEAM & SLAB (EARTH FACE)	60
RAFT BEAM & SLAB (INTERNAL FACE)	60
COLUMN	40
BEAM	35
BEAM (EXTERNAL FACE)	40
SLAB	30
INTERNAL WALL	30
EXTERNAL WALL	40

- NOTE: EARTH FACE COVER OF BEAMS, COLUMNS & WALLS SHOULD BE 50mm

12.0 MATERIAL STRENGTHS

12.1 CONCRETE

- UNLESS OTHERWISE STATED, ORDINARY PORTLAND CEMENT CONFORMING TO BS 12, TO BE USED FOR ALL THE RC STRUCTURAL ELEMENTS.
- THE MINIMUM 28-DAY COMPRESSIVE CUBE STRENGTH OF CONCRETE FOR SPECIFIED STRUCTURAL ELEMENTS SHALL BE AS FOLLOWS UNLESS OTHERWISE STATED:

MAIN BUILDING	
LEAN CONCRETE	15 N/mm2
MASS CONCRETE	30 N/mm2
COLUMN, BEAM AND SLAB	30 N/mm2
EXTERNAL WORK	
PAVEMENTS	30 N/mm2
ALL OTHERS (CULVERT, DRAINS, MANHOLE, ETC)	30 N/mm2
FOUNDATION	
PILECAP, FOOTING, RAFT TIE-BEAM, CAPPING BEAM	30 N/mm2

- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.

12.2 REINFORCEMENT

- UNLESS OTHERWISE STATED, BAR SIZE 10MM DIAMETER OR LARGER SHALL BE HIGH TENSILE TYPE II DEFORMED BARS. THE MINIMUM YIELD STRENGTH OF STEEL BAR REINFORCEMENT SHALL BE AS FOLLOWS:

MILD STEEL PLAIN BAR	250 N/mm2
HIGH TENSILE TYPE II DEFORMED BAR	415 N/mm2

12.25 REINFORCEMENT ANCHORAGE OR LAPPING IS AS FOLLOWS U.N.O.

	BAR GRADE 415
TENSION	45Ø
COMPRESSION	45Ø

Ø IS DIAMETER OF THE SMALLER SIZED LAPPED BAR.

- NO SPLICE SHALL BE MADE AT POINT OF MAXIMUM STRESS,EG IN BEAMS AND SLABS, THERE SHALL BE NO SPLICING OF TOP BARS OVER SUPPORTS NOR BOTTOM BARS AT MID-SPANS. SPLICES SHALL BE STAGGERED WHEREVER POSSIBLE. LAP LENGTH FOR UNEQUAL SIZE BARS (OR WIRES IN FABRIC) MAY BE BASED UPON THE SMALLER BAR. FOR BUNDLED BARS, THE EQUIVALENT DIAMETER SHALL BE USED. CRANKING OF BARS SHALL NOT EXCEED A SLOPE OF 1:10.
- FOR LAP LENGTH, WHERE SYMBOLS ARE NOT INDICATED, THE TENSION LAP LENGTH SHALL BE FOLLOWED.

13.0 STIRRUPS, LINKS AND TIES

- ALL STIRRUPS, LINKS AND TIES IN BEAMS, COLUMNS AND WALLS RESPECTIVELY SHALL TERMINATE NOT MORE THAN 75mm FROM THE FACE OF ANY ADJACENT STRUCTURAL MEMBERS.

14.0 SLAB DISTRIBUTION BARS

- REGARDLESS OF WHETHER OR NOT SHOWN ON PLAN, ALL DISTRIBUTION BARS FOR SLAB SHALL COMPRISE TYPICALLY ONE OF THE FOLLOWING COMBINATIONS, UNLESS OTHERWISE STATED IN THE RELEVANT DRAWINGS :

SLAB THICKNESS (mm)	MIN. DISTRIBUTION BAR
250 OR LESS	T10-300
GREATER THAN 250 BUT LESS THAN OR EQUAL TO 300	T10-200
GREATER THAN 300 BUT LESS THAN OR EQUAL TO 400	T10-150

15.0 FLOOR RENDERING

- THICKNESS OF SCREED RENDERING/MASS CONCRETE TOPPING EXCEEDING 60 OR MORE SHALL BE REINFORCED WITH ONE LAYER OF R6.

16.0 SHRINKAGE CRACKS

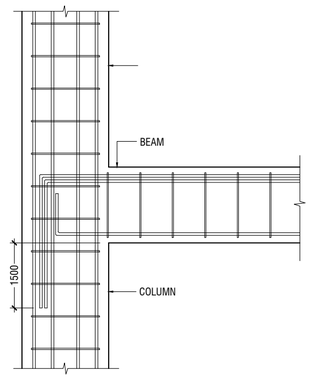
- THE SURFACE OF CONCRETE SHALL BE ADEQUATELY AND CONTINUOUSLY CURED TO SPECIFICATION TO PREVENT FORMATION OF SHRINKAGE CRACKS.THOUGH SHRINKAGE CRACKS HAVE NO EFFECT ON THE STRENGTH AND INTEGRITY OF THE STRUCTURE,THEY SHOULD BE SEALED BY EPOXY PRESSURE GROUTING. ALL COST INCURRED FOR THE NECESSARY SEALING UP OF SHRINKAGE CRACKS BY EPOXY PRESSURE GROUTING SHALL BE DEEMED TO BE INCLUDED IN THE CONCRETE WORK AS TENDERED.

17.0 STEEL BAR CORROSION PROTECTION

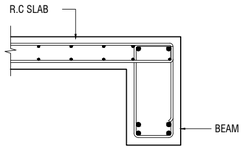
- ALL EXPOSED BARS FOR FUTURE CONSTRUCTION PURPOSES (EXCEEDING 3 MONTHS) MUST BE COATED WITH MASTER EMACO 8100 AP OR APPROVED EQUIVALENT AND PROVIDED WITH ADEQUATE MAINTENANCE.

18.0 SPACER BARS

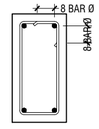
- ALL SPACER BARS BETWEEN 2 OR MORE LAYERS OF REINFORCEMENT SHALL T25 OR BAR DIAMETER (WHICHEVER IS GREATER) AT ±1-5M C/C.



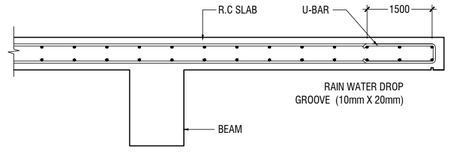
BEAM TO COLUMN CONNECTION



SLAB-BEAM ANCHORAGE DETAIL



SHEAR LINKS ANCHORAGE DETAIL



CANTILEVERED SLAB EDGE DETAIL

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Fasiha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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3rd Floor, H. Azure, Ameeneemagu, Male'

Title: General notes

Page: S-00/25

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19.0 STRUCTURAL TIMBER SPECIFICATION

19.1 THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE, AND ARE NOT INTENDED TO INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND FOR JOB SAFETY.

19.2 THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

19.3 ALL CONSTRUCTION IS IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

19.4 ALL TIMBER FOR STRUCTURAL USE SHALL BE HARDWOOD OR SOFTWOOD OF VISUAL GRADE C/D IN ACCORDANCE WITH BS 5756 WITH THE FOLLOWING MINIMUM GRADE STRESSES:

19.5 CONNECTIONS
PLATES - STAINLESS STEEL GRADE 316 OF STATED THICKNESS
BOLTS - SS GRADE 316

19.6 TIMBER TREATMENT
MOISTURE - PRESSURE IMPREGNATION OF CCA
INSECTS - TERMITE TREATMENT FOR TIMBER IN / NEAR GROUND

20.0 STRUCTURAL STEEL SPECIFICATION

1. SEE 21.0 ON PRIMARY CODES AND SPECIFICATIONS.

2. MATERIALS:

W-SHAPES & WT-SHAPES..... ASTM A992
S-SHAPES, M-SHAPES, HP-SHAPES..... ASTM A36
ST-SHAPES & MT-SHAPES..... ASTM A36
C-SHAPES & MC-SHAPES..... ASTM A36
ANGLES & PLATES..... ASTM A36
HSS SHAPES..... ASTM A500, GRADE B
STEEL PIPE..... ASTM A53 (TYPE E OR S), GRADE B
HIGH STRENGTH BOLTS..... ASTM A325
MACHINE BOLTS..... ASTM A307
ANCHOR RODS.....ASTM F1554, GRADE 55 TYPE S1(UNO)
WELDED HEADED STUDS..... ASTM A108
DEFORMED BAR ANCHORS..... ASTM A496
WELDING ELECTRODES..... AWS D1.1, E70 SERIES

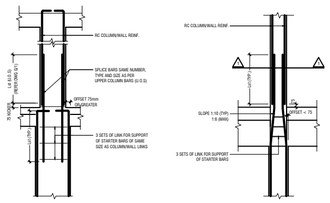
3. NON-SHRINK, NON-METALLIC GROUT WITH A 28 DAY STRENGTH OF 35MPa SHALL BE USED UNDER BASE PLATES AND SHALL CONFORM TO BS EN 12390-3 AND EN 196-1. MASTERFLOW 542 OR EQUIVALENT MAYBE USED.

23.0 POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER OF RECORD (EOR) PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSINGS OR MISPLACED ANCHORS.

2. CARE SHALL BE GIVEN TO AVOID CONFLICTS WITH EXISTING REINFORCING WHEN DRILLING HOLES. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT NOT LESS THAN MINIMUM EDGE DISTANCES AND/OR SPACINGS INDICATED IN THE MANUFACTURER'S LITERATURE.

3. SPECIAL INSPECTION SHALL BE PROVIDED FOR ALL ADHESIVE AND MECHANICAL ANCHOR INSTALLATIONS AS REQUIRED BY THE EOR. INDEPENDENT ON-SITE PROOF LOAD TESTING SHALL BE PERFORMED AS REQUIRED BY THE EOR. CONTACT EOR FOR NUMBER OF ANCHORS REQUIRED TO BE TESTED AND REQUIRED PROOF LOAD MAGNITUDE.

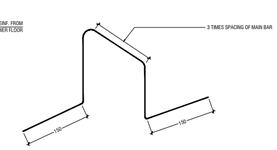


A) FOR COLUMN OFFSET > 75mm
TO BE VERIFIED BY THE CONSULTING ENGINEER

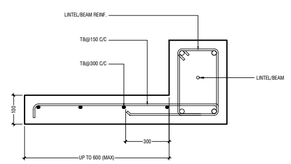
B) FOR COLUMN OFFSET < 75mm

COLUMN/WALL REINF. LAPPING DETAIL AT FLOOR LEVEL

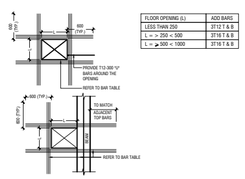
SECTION-1-1



TYPICAL CHAIR DETAIL



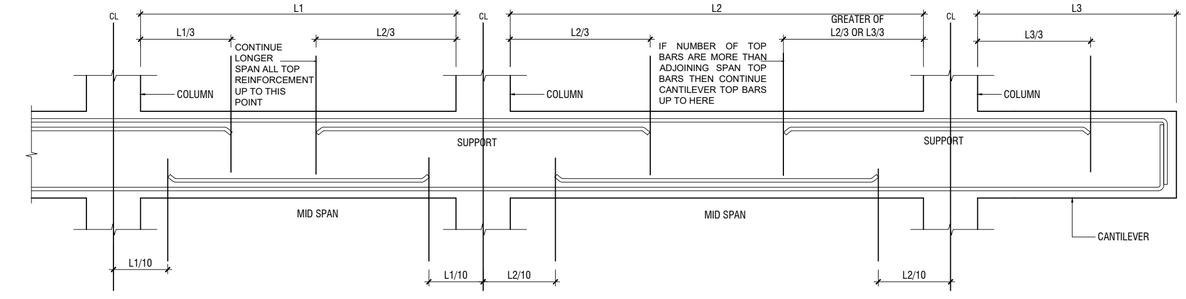
TYPICAL CANTILEVER DETAILS



FLOOR OPENING (L)	ADD BARS
LESS THAN 250	3T12 T & B
L = > 250 < 500	3T16 T & B
L = > 500 < 1000	3T16 T & B

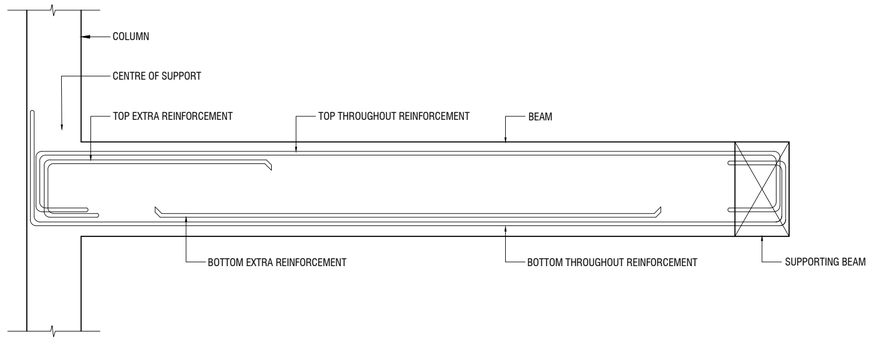
NOTE:-
1. FOR OPENINGS LESS THAN 200x200, SLAB REBARS TO BE ADJUSTED AROUND OPENING.
2. FOR OPENINGS GREATER THAN 250x250 TO BE APPROVED BY THE ENGINEER.
3. ALL SLAB OPENINGS LOCATION TO BE APPROVED BY THE ENGINEER.
4. EQUIVALENT OPENING AREA SHALL APPLY THE DETAILS SHOWN ABOVE.
5. EQUIVALENT OPENING AREA SHALL INCLUDE RECTANGLE, TRIANGLE AND ANY POLYGON SHAPE.
6. EXCEPT HACKING, NO SLAB CORING ARE ADVISABLE FOR POST-TENSIONED SLAB.

TYPICAL TRIMMER BARS DETAILS FOR OPENING IN SLABS

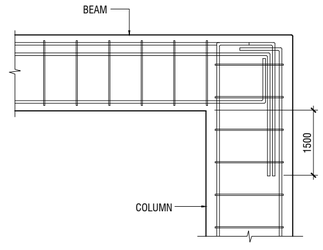


SIMPLIFIED DETAILING RULES FOR BEAMS (BS8110-1)

L1 = SHORTER SPAN
L2 = LONGER SPAN
L3 = CANTILEVER LENGTH



LONGITUDINAL SECTION OF TYPICAL SLAB BEAM SPANNING BETWEEN A COLUMN AND BEAM SHOWING END SPAN MID SPAN REINFORCEMENT DETAILS



END COLUMN TO BEAM CONNECTION

NOTE:
STANDARD DETAILS GIVEN HERE ALSO APPLIES TO FOUNDATION MEMBERS OTHER DETAILS NOT FOUND HERE SHALL BE REFEREED TO IN RELEVANT BS CODES OR SHALL BE APPROVED BY CLIENT'S ENGINEER

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Iiusha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd Floor, H. Azum, Ameeneemagu, Male'

Title: General notes

Page: S-00/25

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GENERAL NOTES

THE GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS.
REGARDLESS OF WHETHER OR NOT SHOWN IN DRAWINGS OR OTHER TENDER DOCUMENTS, THE STANDARD PROVISIONS SPECIFIED HEREUNDER FOR COMPLIANCE BY THE CONTRACTOR SHALL APPLY TO ALL RELEVANT PORTIONS OF THE STRUCTURAL WORKS AND SHALL FORM PART OF THIS CONTRACT.

1.0 VERIFICATION OF DIMENSIONS AND LEVELS

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS ON SITE, AND RESOLVE ALL DISCREPANCIES WITH THE ARCHITECT OR ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- DRAWING INDICATES GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE OF SIMILAR CHARACTER TO DETAILS SHOWN AND ALTHOUGH NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECTED TO REVIEW BY THE ENGINEER.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS IN THE CONTRACT DRAWINGS.
- DISCREPANCIES IN DRAWINGS ARISING FROM SUCH VERIFICATION WORKS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

2.0 SHOP DRAWINGS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF ALL WORKS AND SHALL TAKE SITE MEASUREMENTS PRIOR TO THE PREPARATION OF ANY SHOP DRAWINGS OR BEFORE COMMENCING FABRICATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL SPECIALIST TRADES, SUCH AS PRESTRESSING, CURTAIN WALLING, ETC. FOR REVIEWS AND COMMENTS BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK. SUCH SHOP DRAWINGS SUBMITTED SHALL INCORPORATE ALL NECESSARY CONNECTION DETAILS TO THE STRUCTURAL MEMBERS SUCH AS CAST-IN INSERTS, EMBEDDED PLATES, ETC.

3.0 INCORPORATION OF M&E REQUIREMENTS IN THE STRUCTURE

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF STRUCTURAL , M & E PENETRATION DRAWINGS OF SERVICES AND SUBMIT SUCH SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEWS AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- THESE SHOP DRAWINGS SHALL INCORPORATE ALL MECHANICAL, ELECTRICAL AND SANITARY WORKS TO BE EMBEDDED IN CONCRETE AND ALL OPENINGS FOR ALL PIPE OR DUCT WORKS, BASED ON THE REQUIREMENTS OF M & E DRAWINGS IN HIS POSSESSION.
- HE SHALL CHECK AND RESOLVE ALL DISCREPANCIES WITH THE RESPECTIVE ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

4.0 LEAN CONCRETE FOR SUSPENDED STRUCTURES

- UNLESS OTHERWISE STATED, 50 MM THICK LEAN CONCRETE WITH A MINIMUM 28-DAY CUBE STRENGTH OF 15N/MM2 SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF STRUCTURAL CONCRETE MEMBERS.

5.0 STRUCTURAL ELEMENTS ON GRADE

- UNLESS OTHERWISE STATED, A SINGLE LAYER OF 0.25 MM(HEAVY DUTY) POLYTHENE SHEET, OR EQUIVALENT THERMOPLASTIC MATERIAL, LAID OVER A COMPACTED 60 MM THICK LAYER OF HARD CORE BLINDED WITH SAND TO PREVENT GROUT LOSS FROM SEEPAGE INTO THE GROUND SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF THE NON-SUSPENDED SLABS.

6.0 SUBGRADE UNDER STRUCTURAL ELEMENTS

- WHERE THE CONTRACTOR REQUIRES REMOVAL AND SUBSEQUENT BACKFILL OF SUBGRADE PRIOR TO CASTING OF PILECAP/WALL/BEAM/SLAB, HE SHALL ENSURE THAT THE BACKFILL IS OF APPROVED MATERIAL AND THAT THE BACKFILL SHALL BE REASONABLY COMPACTED TO ENSURE THAT THE COMPACTED SOIL IS ABLE TO WITHSTAND THE WEIGHT OF THE WET CONCRETE. THE CONTRACTOR SHALL EXERCISE PROPER SKILL AND CARE TO AVOID DAMAGE TO ADJACENT INSTALLED STRUCTURES ARISING FROM HIS CONSTRUCTION SEQUENCE.

7.0 WATERPROOFING FOR STRUCTURES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND METHOD STATEMENTS FOR THE ENGINEER'S APPROVAL PRIOR TO COMMENCEMENT OF WORK. REQUIRED SHOP DRAWING DETAILS INCLUDE BUT ARE NOT LIMITED TO TREATMENT OF FLASHINGS, WATERSTOP AT CONSTRUCTION JOINTS, WALL AND SLAB PENETRATIONS.
- ALL PENETRATIONS THROUGH STRUCTURAL ELEMENTS SHALL BE CAST-IN, SLEEVED AND PROVIDED WITH APPROVED PUDDLE FLANGE DETAIL. IF FOR ANY REASON THE CONTRACTOR IS UNABLE TO LAY WATERSTOP AT CONSTRUCTION JOINTS AS INDICATED IN THE DRAWINGS, HE SHALL AT HIS OWN EXPENSES PROVIDE ADEQUATE GROUT TUBES FOR WATERPROOF PRESSURE GROUTING TO ENSURE WATERTIGHTNESS OF THE JOINT.
- ALL GROUT TUBES SHALL BE MARKED AND PROTECTED FROM BLOCKAGE.
- BACKFILLING OPERATIONS AGAINST VERTICAL SURFACE SHALL BE CARRIED OUT AS SOON AS THE WATERPROOFING BARRIER IS INSTALLED TO THE SATISFACTION OF THE ENGINEER.

8.0 CASTING LAYERS

- INCLINED CASTING LAYERS AND INCLINED CONSTRUCTION JOINTS SHALL BE AVOIDED.
- HORIZONTAL CASTING LAYERS SHALL NOT IN GENERAL EXCEED 0.6 M THICKNESS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

9.0 FOUNDATIONS

- ALL FOUNDATIONS HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 150 KN/M.
- ALL BACKFILL SHOULD BE DONE WITH MATERIALS APPROVED BY THE CONSULTANT AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
- WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
- IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
- IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE BELOW LEVEL OF FOUNDATIONS.
- THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGH OUT THE CONSTRUCTION PERIOD. RESTORING WATER TABLE CAN BE DONE AFTER BACKFILLING AND COMPACTION UP TO THE SLAB ON GRADE LEVEL, OR AS DIRECTED BY THE ENGINEER.
- NO BACK FILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

10.0 CONSTRUCTION LOAD AND SHORING

- CONSTRUCTION LIVE LOAD IMPOSED ON ANY SINGLE FLOOR SHALL NOT EXCEED 1.5 KN/M2. UNLESS OTHERWISE APPROVED BY THE ENGINEER, DEAD LOAD OF THE TOP CONSTRUCTION FLOOR SHALL BE SUPPORTED BY TWO COMPLETED FLOORS DIRECTLY BELOW IT.
- PROPS TO BEAMS AND SLABS AT ANY FLOORS SHALL NOT BE REMOVED UNTIL THE TWO IMMEDIATE FLOORS ABOVE THAT LEVEL ARE CAPABLE OF SUPPORTING THEMSELVES AS WELL AS ANY LOADS IMPOSED DURING CONSTRUCTION. CONSIDERATIONS GOVERNING REMOVAL OF PROPS INCLUDE BUT ARE NOT LIMITED TO THE ATTAINMENT OF 28-DAY STRENGTH FOR THE CONCRETE, DESIGN LOAD CAPACITY OF THE FLOOR UNDER REVIEW AND THE COMPLETION OF PRESTRESSING AND GROUTING OPERATIONS IN THE CASE OF A PRESTRESSED STRUCTURAL FLOOR SYSTEM.

- PROPS SHALL BE LEFT IN PLACE FOR SUPPORTING THE CONSTRUCTION LOADS APPROVED BY THE ENGINEER.
- NO ALLOWANCE HAS BEEN MADE IN THE DESIGN OF THE PERIMETER BEAMS/WALLS FOR THE SUPPORT OF TEMPORARY SCAFFOLDINGS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER TO DESIGN AND STRENGTHEN THE BEAMS/WALLS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER CHECK THE ADEQUACY OF SHORING DETAIL PROVIDED PROCEEDING THE WORK, AS SHORING WAS DESIGNED, CONSIDERING THE STATUS OF THE BUILDING AT THE TIME OF DESIGN.

11.0 CONCRETE COVER

- MINIMUM COVER TO OUTERMOST REINFORCEMENT INCLUDING LINKS SHALL BE AS FOLLOWS.

STRUCTURAL ELEMENT	COVER (mm)
RAFT BEAM & SLAB (EARTH FACE)	60
RAFT BEAM & SLAB (INTERNAL FACE)	60
COLUMN	40
BEAM	35
BEAM (EXTERNAL FACE)	40
SLAB	30
INTERNAL WALL	30
EXTERNAL WALL	40

- NOTE: EARTH FACE COVER OF BEAMS, COLUMNS & WALLS SHOULD BE 50mm

12.0 MATERIAL STRENGTHS

12.1 CONCRETE

- UNLESS OTHERWISE STATED, ORDINARY PORTLAND CEMENT CONFORMING TO BS 12, TO BE USED FOR ALL THE RC STRUCTURAL ELEMENTS.
- THE MINIMUM 28-DAY COMPRESSIVE CUBE STRENGTH OF CONCRETE FOR SPECIFIED STRUCTURAL ELEMENTS SHALL BE AS FOLLOWS UNLESS OTHERWISE STATED:

MAIN BUILDING	
LEAN CONCRETE	15 N/mm2
MASS CONCRETE	30 N/mm2
COLUMN, BEAM AND SLAB	30 N/mm2
EXTERNAL WORK	
PAVEMENTS	30 N/mm2
ALL OTHERS (CULVERT, DRAINS, MANHOLE, ETC)	30 N/mm2
FOUNDATION	
PILECAP, FOOTING, RAFT TIE-BEAM, CAPPING BEAM	30 N/mm2

- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.

12.2 REINFORCEMENT

- UNLESS OTHERWISE STATED, BAR SIZE 10MM DIAMETER OR LARGER SHALL BE HIGH TENSILE TYPE II DEFORMED BARS. THE MINIMUM YIELD STRENGTH OF STEEL BAR REINFORCEMENT SHALL BE AS FOLLOWS:

MILD STEEL PLAIN BAR	250 N/mm2
HIGH TENSILE TYPE II DEFORMED BAR	415 N/mm2

12.25 REINFORCEMENT ANCHORAGE OR LAPPING IS AS FOLLOWS U.N.O.

	BAR GRADE 415
TENSION	45Ø
COMPRESSION	45Ø

Ø IS DIAMETER OF THE SMALLER SIZED LAPPED BAR.

- NO SPLICE SHALL BE MADE AT POINT OF MAXIMUM STRESS,EG IN BEAMS AND SLABS, THERE SHALL BE NO SPLICING OF TOP BARS OVER SUPPORTS NOR BOTTOM BARS AT MID-SPANS. SPLICES SHALL BE STAGGERED WHEREVER POSSIBLE. LAP LENGTH FOR UNEQUAL SIZE BARS (OR WIRES IN FABRIC) MAY BE BASED UPON THE SMALLER BAR. FOR BUNDLED BARS, THE EQUIVALENT DIAMETER SHALL BE USED. CRANKING OF BARS SHALL NOT EXCEED A SLOPE OF 1:10.
- FOR LAP LENGTH, WHERE SYMBOLS ARE NOT INDICATED, THE TENSION LAP LENGTH SHALL BE FOLLOWED.

13.0 STIRRUPS, LINKS AND TIES

- ALL STIRRUPS, LINKS AND TIES IN BEAMS, COLUMNS AND WALLS RESPECTIVELY SHALL TERMINATE NOT MORE THAN 75mm FROM THE FACE OF ANY ADJACENT STRUCTURAL MEMBERS.

14.0 SLAB DISTRIBUTION BARS

- REGARDLESS OF WHETHER OR NOT SHOWN ON PLAN, ALL DISTRIBUTION BARS FOR SLAB SHALL COMPRISE TYPICALLY ONE OF THE FOLLOWING COMBINATIONS, UNLESS OTHERWISE STATED IN THE RELEVANT DRAWINGS :

SLAB THICKNESS (mm)	MIN. DISTRIBUTION BAR
250 OR LESS	T10-300
GREATER THAN 250 BUT LESS THAN OR EQUAL TO 300	T10-200
GREATER THAN 300 BUT LESS THAN OR EQUAL TO 400	T10-150

15.0 FLOOR RENDERING

- THICKNESS OF SCREED RENDERING/MASS CONCRETE TOPPING EXCEEDING 60 OR MORE SHALL BE REINFORCED WITH ONE LAYER OF R6.

16.0 SHRINKAGE CRACKS

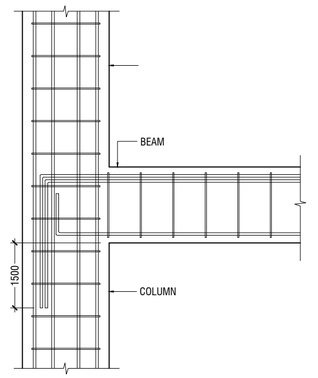
- THE SURFACE OF CONCRETE SHALL BE ADEQUATELY AND CONTINUOUSLY CURED TO SPECIFICATION TO PREVENT FORMATION OF SHRINKAGE CRACKS.THOUGH SHRINKAGE CRACKS HAVE NO EFFECT ON THE STRENGTH AND INTEGRITY OF THE STRUCTURE,THEY SHOULD BE SEALED BY EPOXY PRESSURE GROUTING. ALL COST INCURRED FOR THE NECESSARY SEALING UP OF SHRINKAGE CRACKS BY EPOXY PRESSURE GROUTING SHALL BE DEEMED TO BE INCLUDED IN THE CONCRETE WORK AS TENDERED.

17.0 STEEL BAR CORROSION PROTECTION

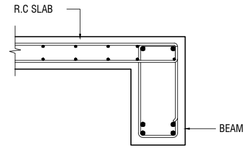
- ALL EXPOSED BARS FOR FUTURE CONSTRUCTION PURPOSES (EXCEEDING 3 MONTHS) MUST BE COATED WITH MASTER EMACO 8100 AP OR APPROVED EQUIVALENT AND PROVIDED WITH ADEQUATE MAINTENANCE.

18.0 SPACER BARS

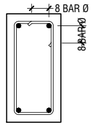
- ALL SPACER BARS BETWEEN 2 OR MORE LAYERS OF REINFORCEMENT SHALL T25 OR BAR DIAMETER (WHICHEVER IS GREATER) AT ±1-5M C/C.



BEAM TO COLUMN CONNECTION

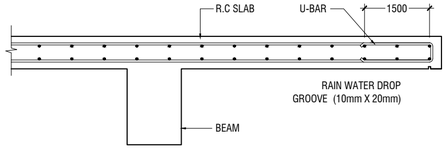


SLAB-BEAM ANCHORAGE DETAIL



Ø = DIA OF LINK

SHEAR LINKS ANCHORAGE DETAIL



CANTILEVERED SLAB EDGE DETAIL

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: 60/2019/000
Date: December 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd Floor, H. Azure, Ameeneemagu, Male'

Title: Foundation Plan

Page: S-01/25

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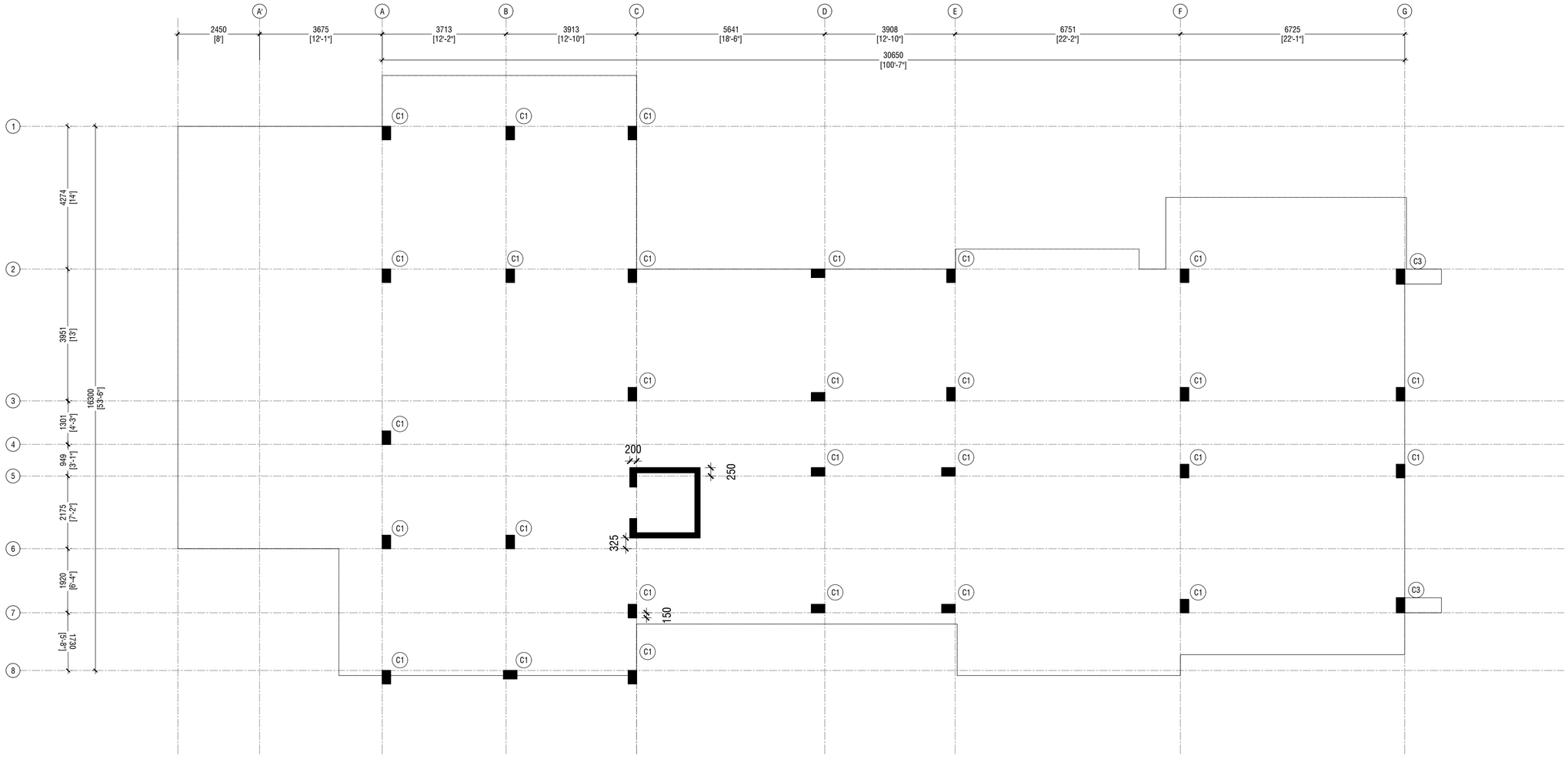

GROUND FLOOR AND FIRST FLOOR COLUMN PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: December 2019
Architect : Mariyam Insha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	25. 02.2020
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3rd floor, H. Azure, Ameeneemagu, Male'

Title: Ground & First Floor Column Location Plan

Page: S-02/25

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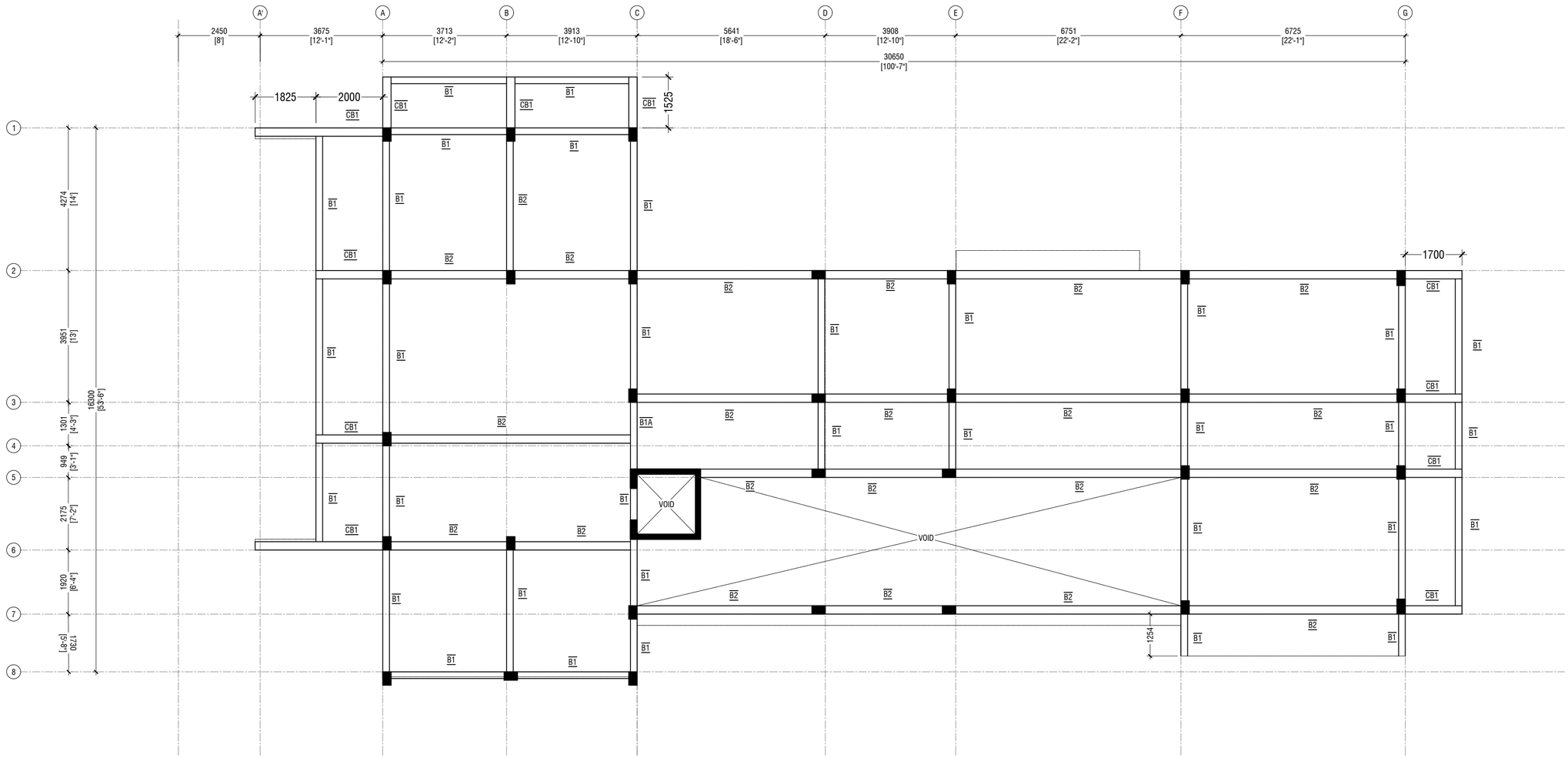

FIRST FLOOR BEAM LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DD/MM/2019
Architect : Mariyam Iresha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	25. 02.2020
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3rd floor, H. Azure, Ameeneemagu, Male'

Title: Firs Floor Beam Layout
Page: S-03/25

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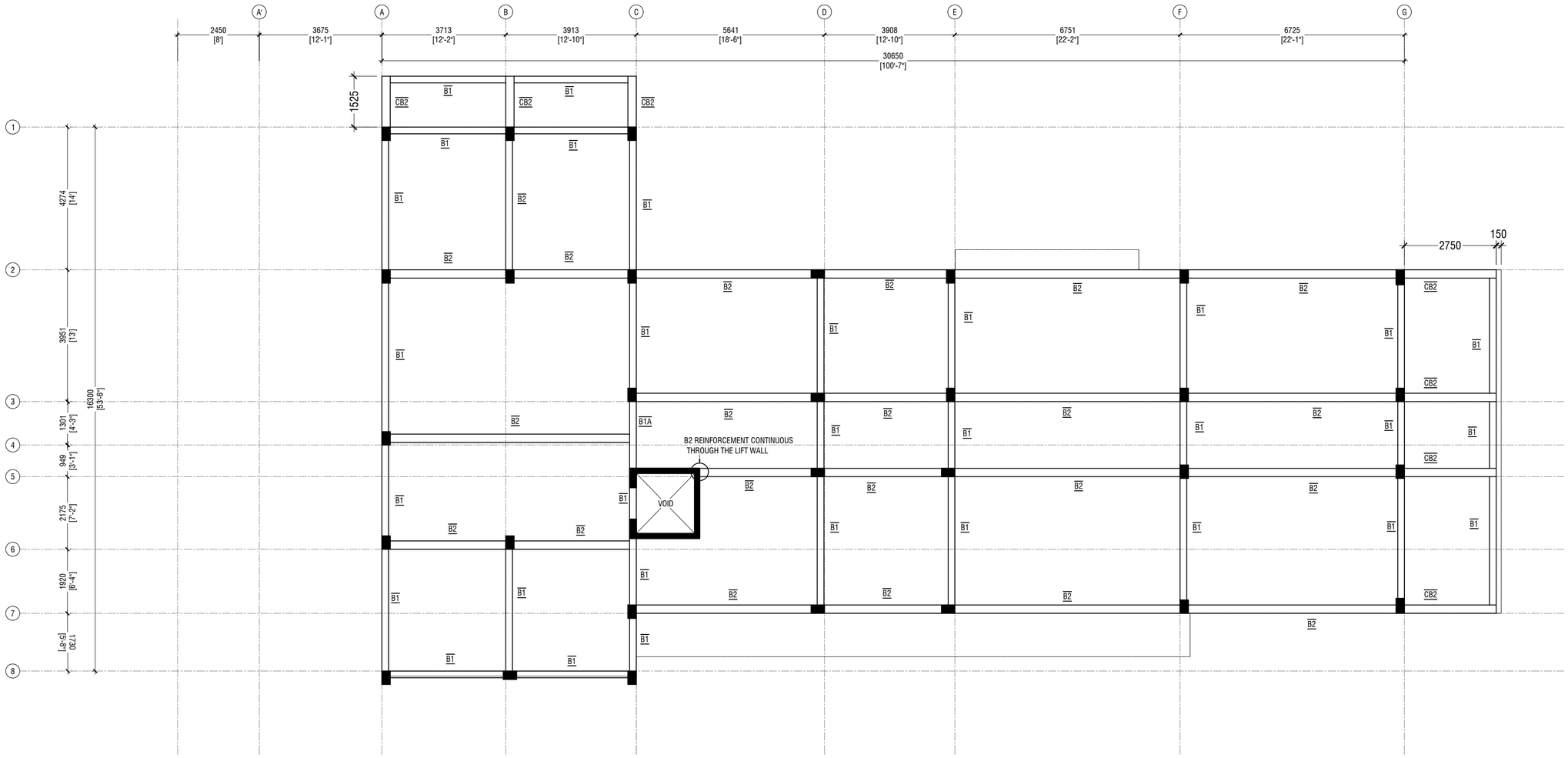

TERRACE FLOOR BEAM LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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--	--

Project Number: RI/2019/000
Date Created: 26.02.2020
Architect : Mariyam Iiusha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Terrace Floor Beam Plan
Page: S-04/25

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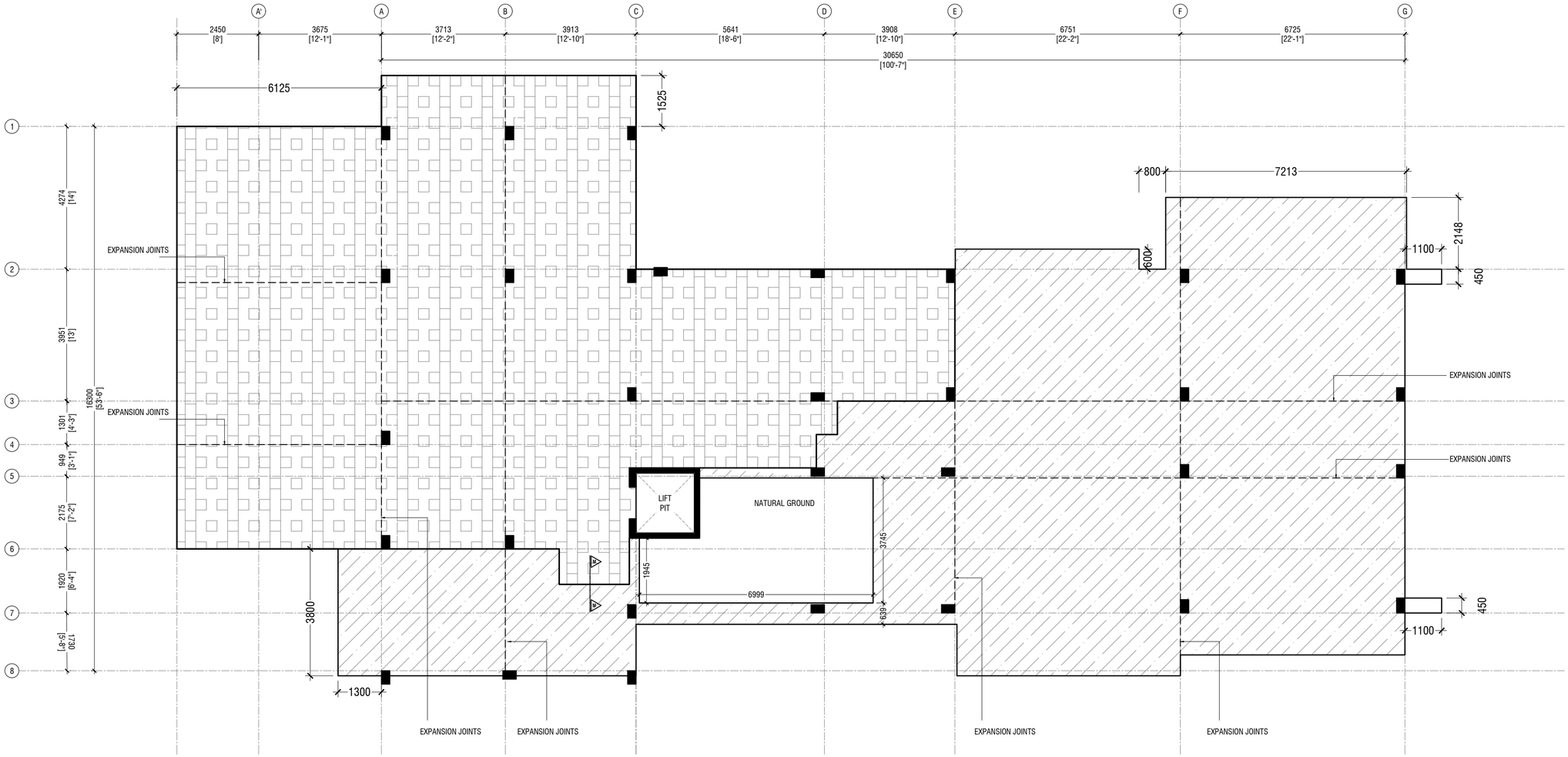


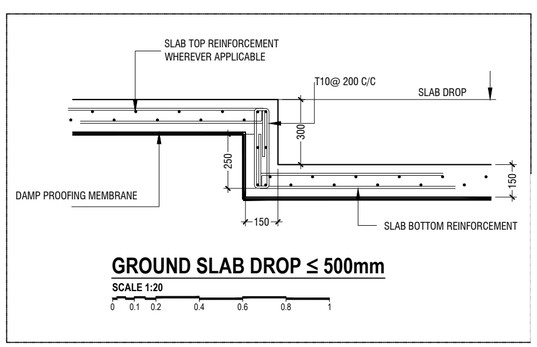
GROUND FLOOR SLAB DETAILS

SCALE 1:100

0 0.5 1 2 3 4 5

NOTE:-

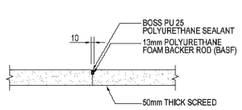
- 150mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +700mm
  BOTTOM - T10@200mmC/C BW
  TOP - T10@200mm C/C BW
- 150mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +1000mm
  BOTTOM - T10@200mmC/C BW
  TOP - T10@200mm C/C BW



GROUND SLAB DROP ≤ 500mm

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



EXPANSION JOINT DETAIL
SCALE 1:10

NOTE:-

- 150mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +700mm
  BOTTOM - T10@200mmC/C BW
  TOP - T10@200mm C/C BW
- 150mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +1000mm
  BOTTOM - T10@200mmC/C BW
  TOP - T10@200mm C/C BW

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 October 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Structure :
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
-	----------
-	----------
-	----------

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3rd floor, H. Azure, Ameeneemagu, Male'

Title: Ground Floor Slab Plan
Page: S-05/25

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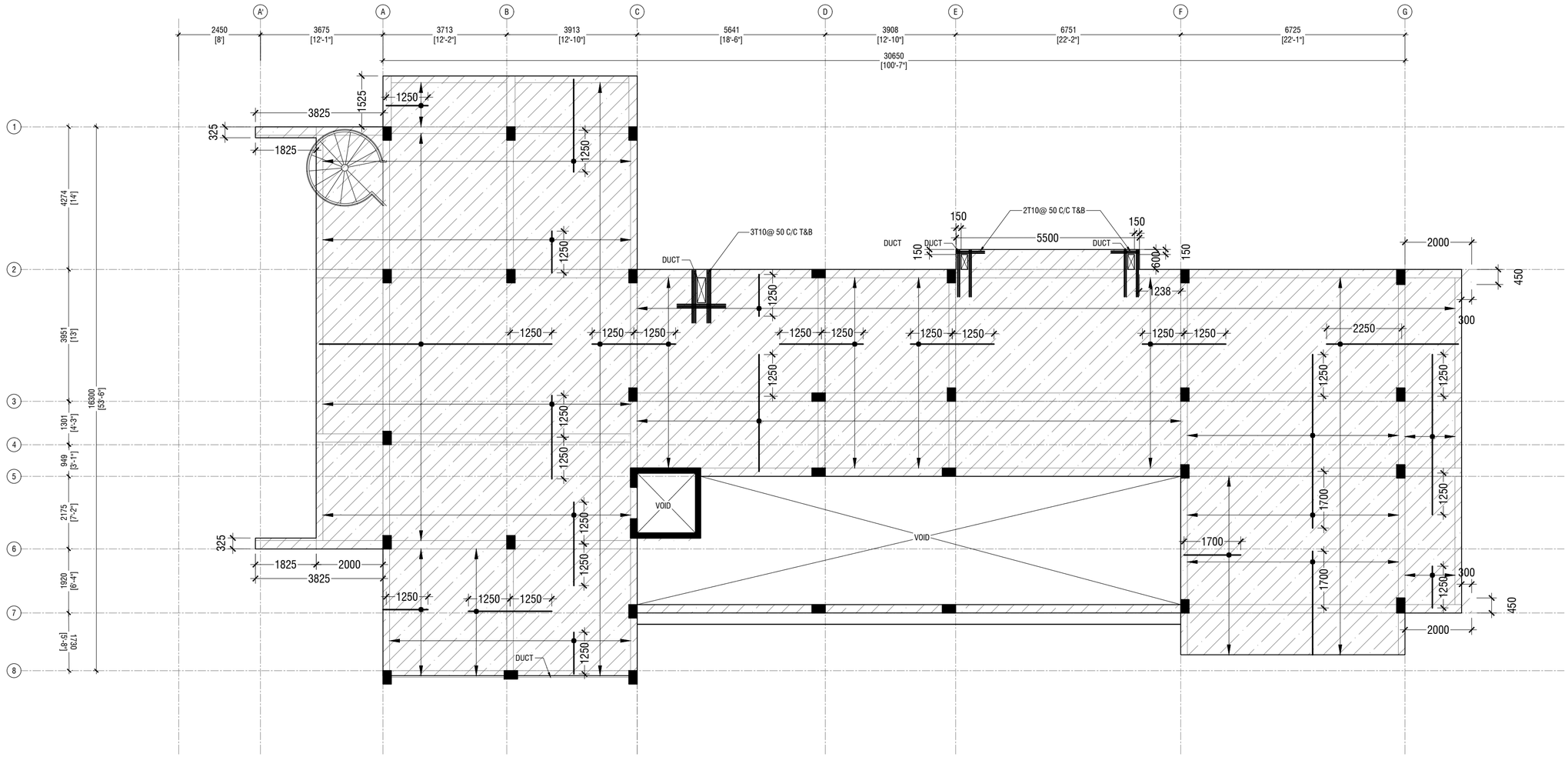

FIRST FLOOR SLAB REINFORCEMENT PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

NOTE:-

- 150mm THK GROUND FLOOR SLAB ON FILL @ +700mm
  BOTTOM - T10@150mmC/C BW
  TOP - T10@150mm C/C BW

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/400
Date: October 2019
Architect : Mariyam Rasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Checked :
Services :
Interior :

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3rd floor, H. Azure, Ameeneemagu, Male'

Title: Firs Floor
Slab Reinf. Plan
Page: S-06/25

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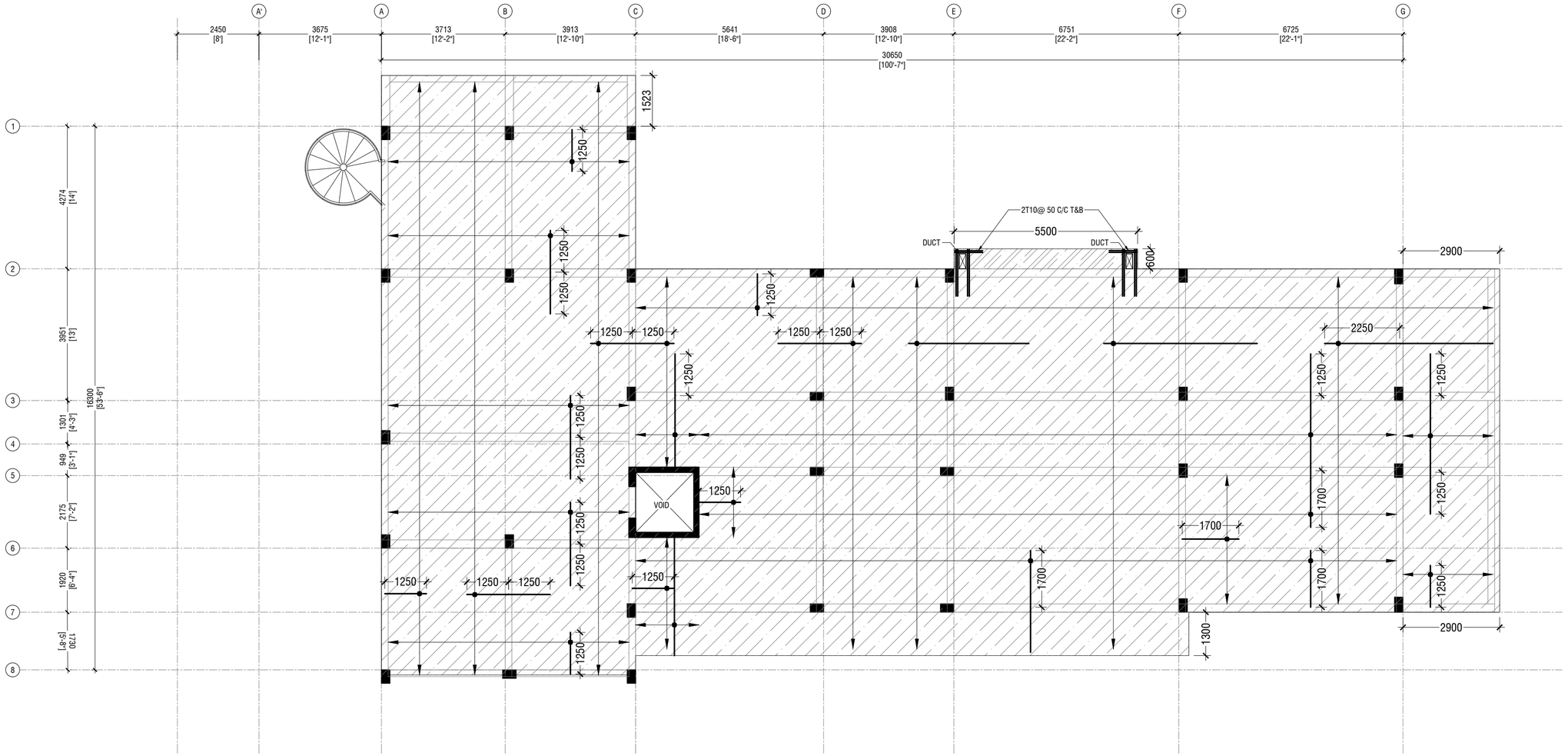

TERRACE FLOOR SLAB REINFORCEMENT PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

NOTE:-

- 150mm THK GROUND FLOOR SLAB ON FILL @ +700mm
  BOTTOM - T10@150mmC/C BW
  TOP - T10@150mm C/C BW

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.12.2020

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Iraiha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Terrace Floor Slab Reinf. Plan
Page: S-07/25

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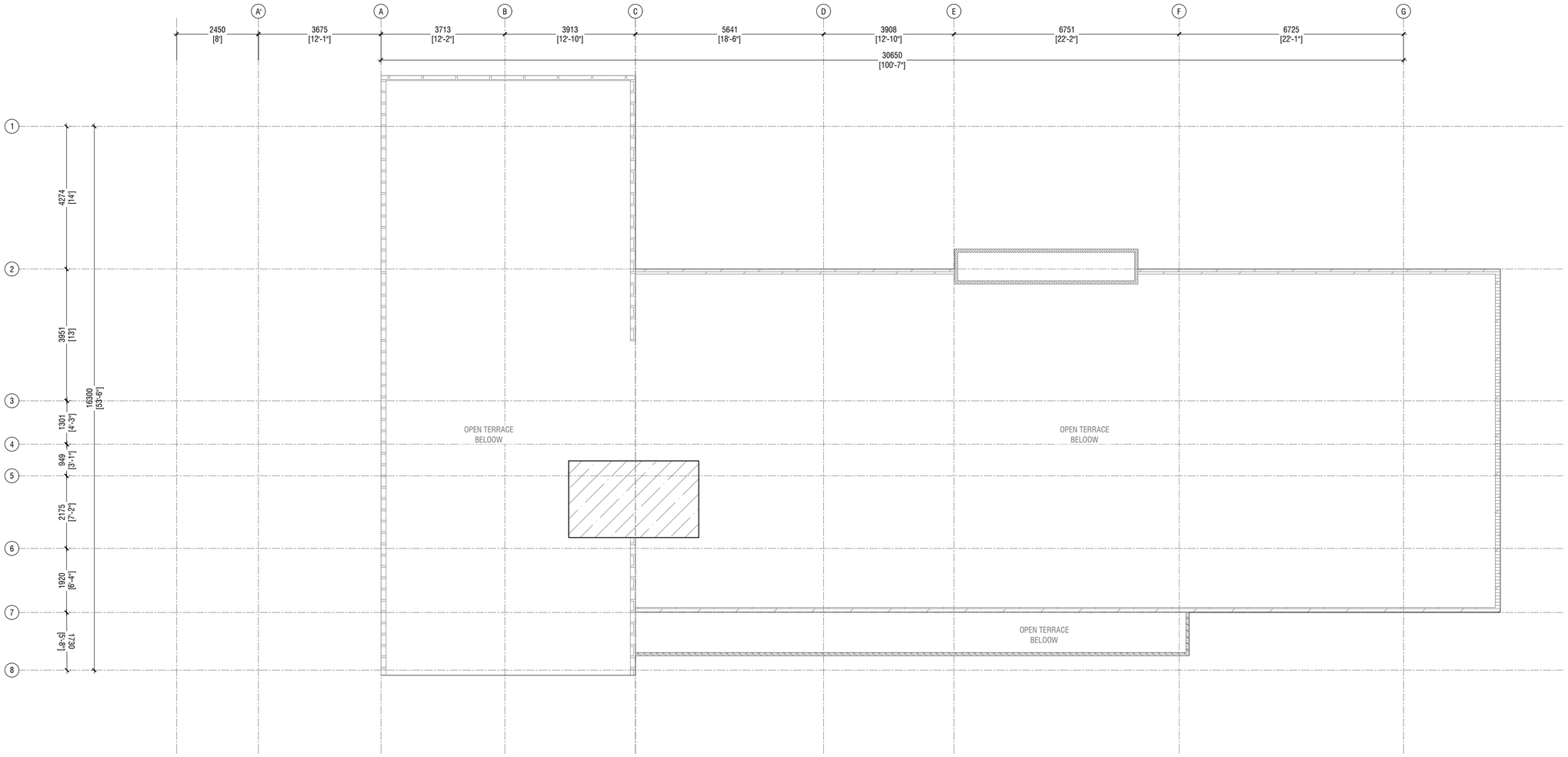

LIFT MACHINE ROOM

SCALE 1:100

0 0.5 1 2 3 4 5

NOTE:-

- 150mm THK GROUND FLOOR SLAB ON FILL @ +700mm
  BOTTOM - T10@150mmC/C BW
  TOP - T10@150mm C/C BW

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: R/2019/400
Date: October 2019
Architect : Mariyam Ifasha
Engineer :
Drawn by : Pradhaharan Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Lift Machine Room Plan
Page: S-08/25

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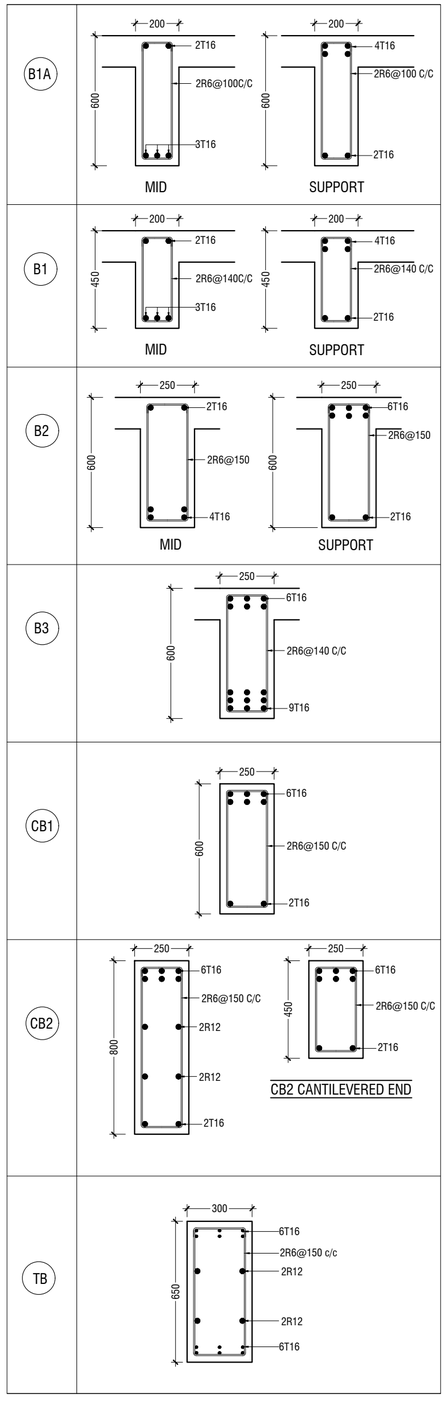
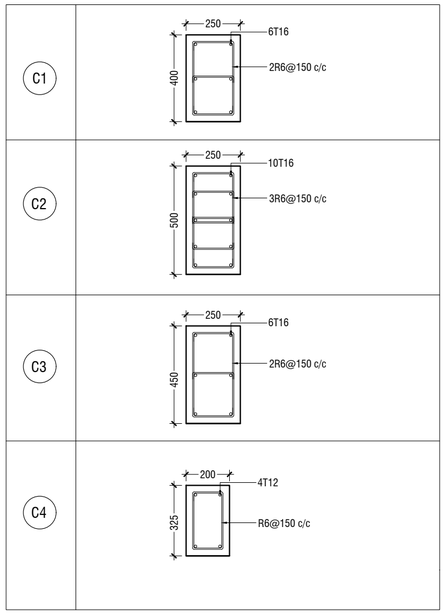


BEAM DETILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



COLUMN DETAILS

SCALE 1:20

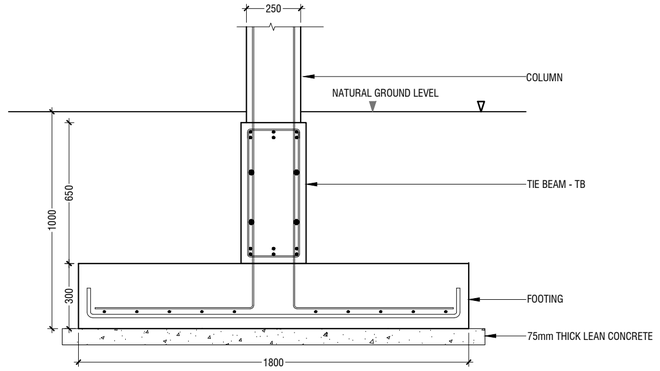
0 0.1 0.2 0.4 0.6 0.8 1

TYPE	SIZE	REINFORCEMENT
F1	1800 X 1800 X 300	T16 @ 200 C/C BW (B)
F2	1350 X 1350 X 300	T12 @ 200 C/C BW (B)
F3	1900 X 1900 X 300	T16 @ 200 C/C BW (B)

FOOTING DETAILS

SCALE 1:20

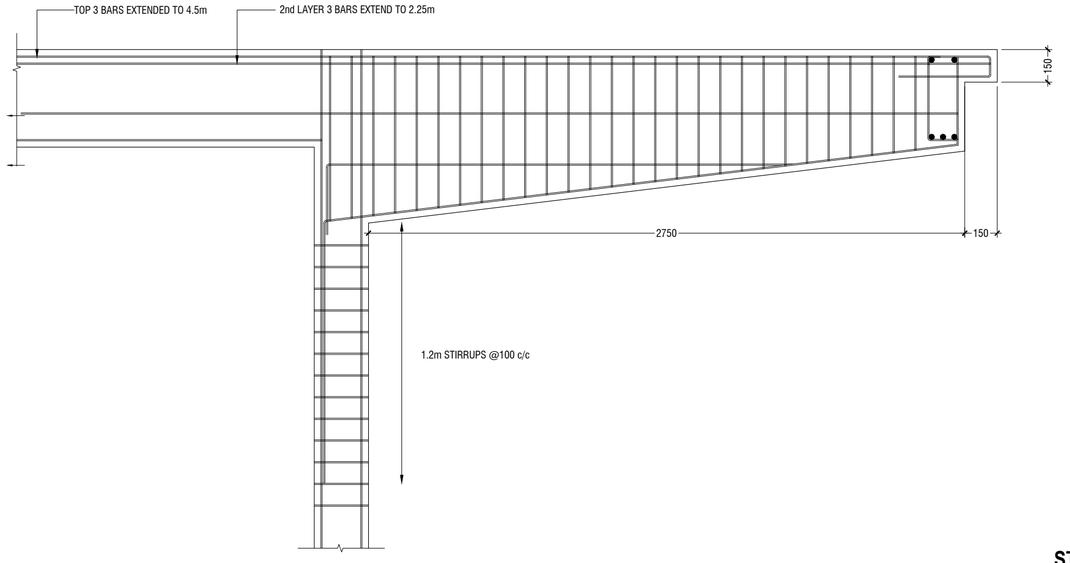
0 0.1 0.2 0.4 0.6 0.8 1



TYPICAL FOOTING SECTION

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



CB2 - TYPICAL SECTION

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

STRUCTURAL DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: December 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd floor, H. Azuri, Ameeneemagu, Male'

Title: Structural Details 01

Page: S-09/25

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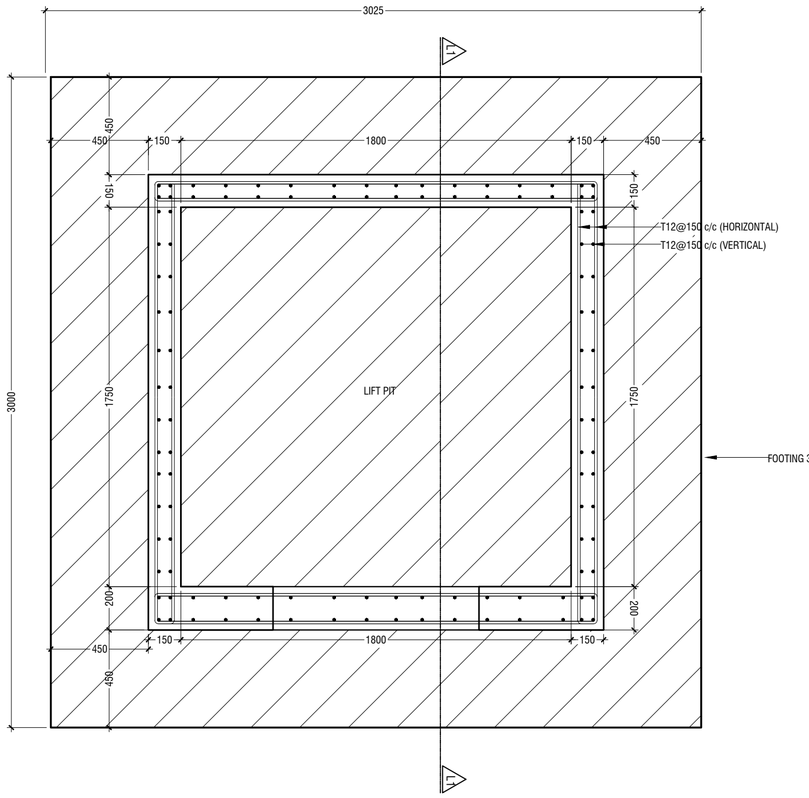
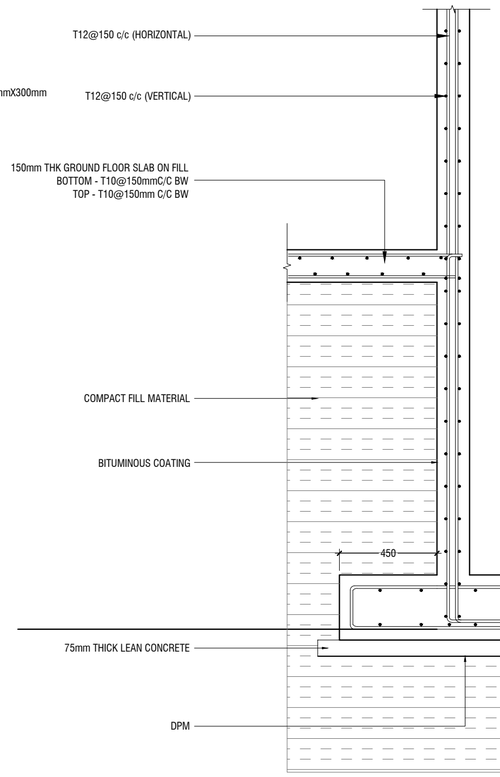


PASSENGER LIFT PLAN (UP TO GROUND FLOOR SLAB LEVEL)

SCALE 1:20

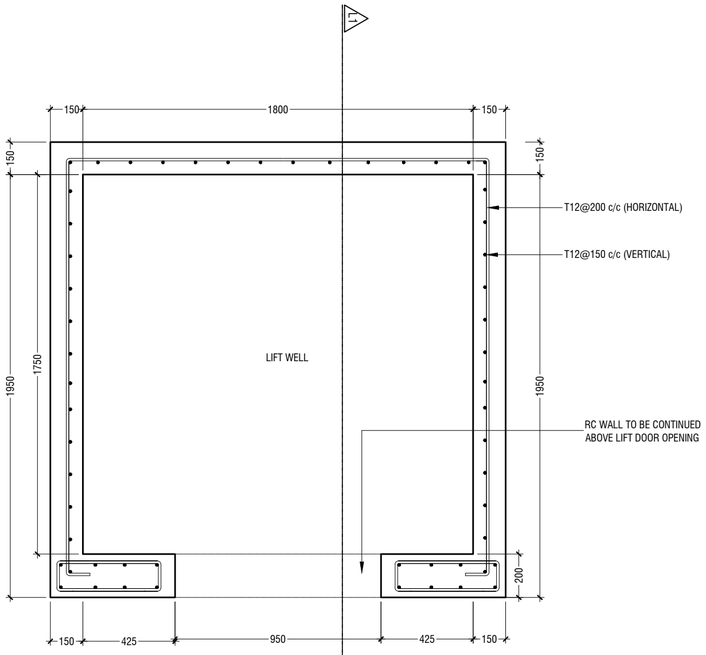
0 0.1 0.2 0.4 0.6 0.8 1



SECTION L1

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



PASSENGER LIFT PLAN (FROM GROUND FLOOR LEVEL)

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

LIFT STRUCTURAL DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: December 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Surveyor :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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Title: Lift Details

Page: S-10/25

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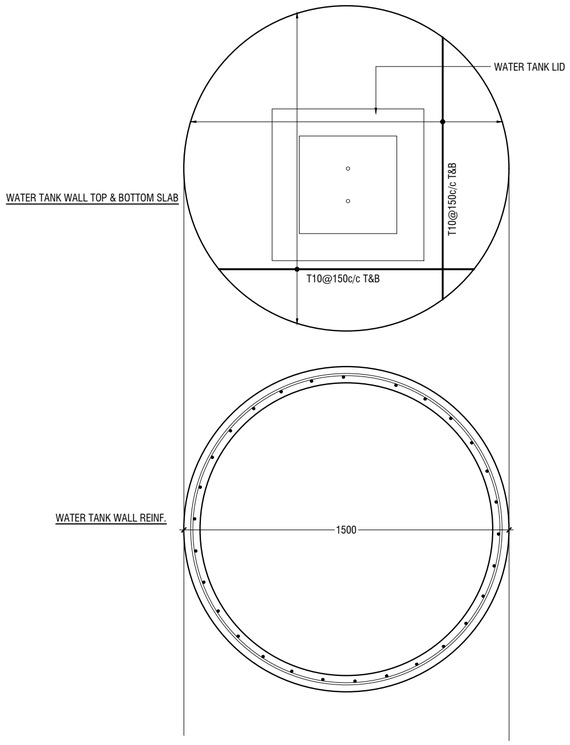
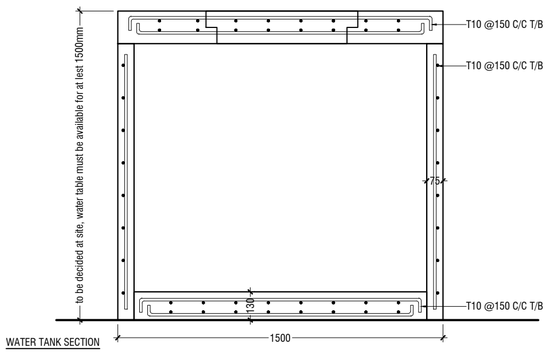


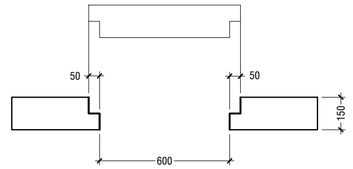
WATER TANK DETAILS

SCALE 1:20

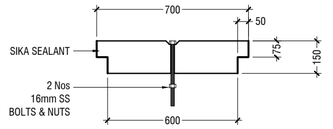
0 0.1 0.2 0.4 0.6 0.8 1



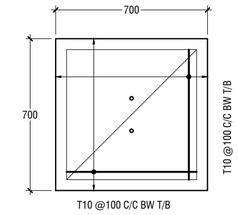
WATER TANK SECTION



ELEVATION



SECTION



PLAN

NOTE:

- ALL CONCRETE WORKS BELOW GROUND AND AT TERRACE LEVEL TO BE TREATED WITH 'SIKA' WATERPROOFING CHEMICAL OR EQUIVALENT

WATER TANK LID DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: October 2019
Architect : Mariyam Rasha
Engineer :
Drawn by : Pratheban Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd floor, H. Azrum, Ameeneemagu, Male'

Title: Tank Details

Page: S-11/25

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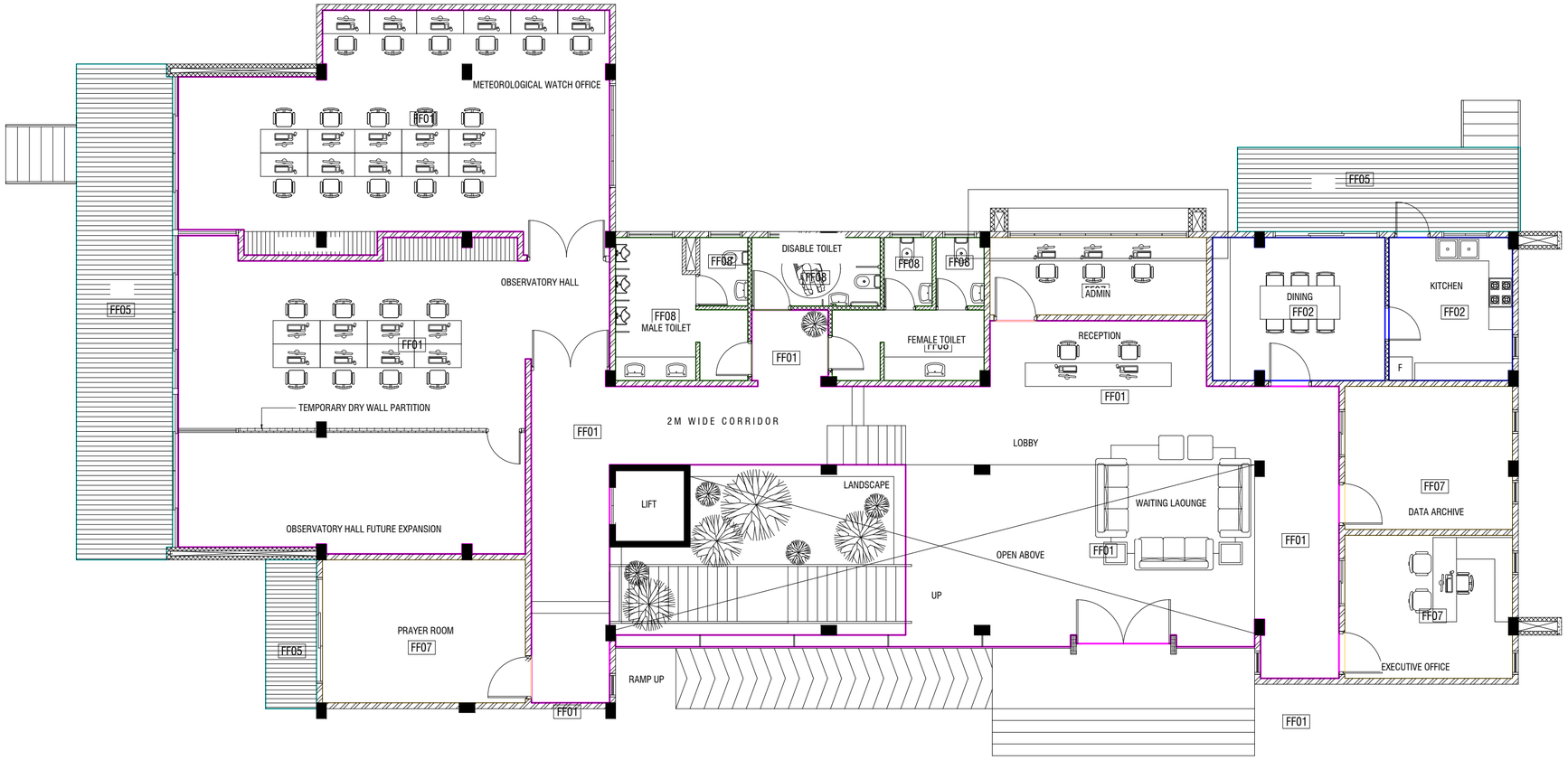

GROUND FLOOR
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

Code		Description
FF01		600mmX600mm Non-Slip Homogenous Floor Tile
FF02		600mmX600mm Non-Slip Ceramic Floor Tile
FF03		Gray Epoxy Paint Finish Over Levelling Screed
FF04		Cement Screeding with 10mm groove finish with elastomeric paint
FF05		300mmX600mm Non-skid Deck Floor Tile
FF06		Paver Block
FF07		600mmX600mm Porcelain Ceramic Floor Tile
FF08		300mmX600mm Non-skid Ceramic Floor Tile
FF09		400mmX400mm Non-Slip Ceramic Floor Tile

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: October 2019
Architect : Mariyam Hasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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Title: Ground floor finishes Plan
Page: F-01/25

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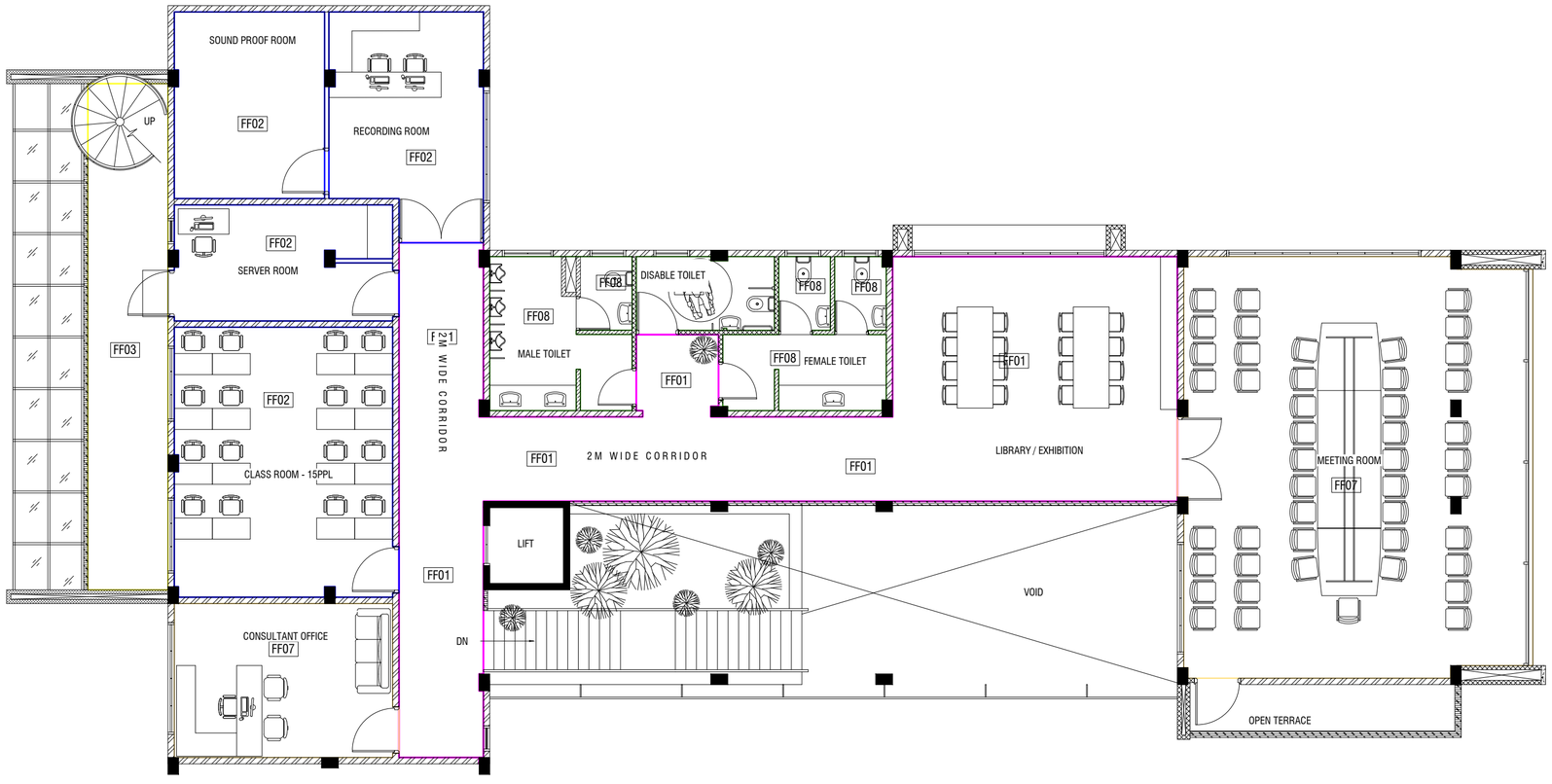

FIRST FLOOR
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

Code		Description
FF01		600mmX600mm Non-Slip Homogenous Floor Tile
FF02		600mmX600mm Non-Slip Ceramic Floor Tile
FF03		Gray Epoxy Paint Finish Over Levellign Screed
FF04		Cement Screeding with 10mm groove finish with elastomeric paint
FF05		300mmX600mm Non-skid Deck Floor Tile
FF06		Paver Block
FF07		600mmX600mm Porcelain Ceramic Floor Tile
FF08		300mmX600mm Non-skid Ceramic Floor Tile
FF09		400mmX400mm Non-Slip Ceramic Floor Tile

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date Created: 12/12/2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: First floor finishes Plan
Page: F-02/25

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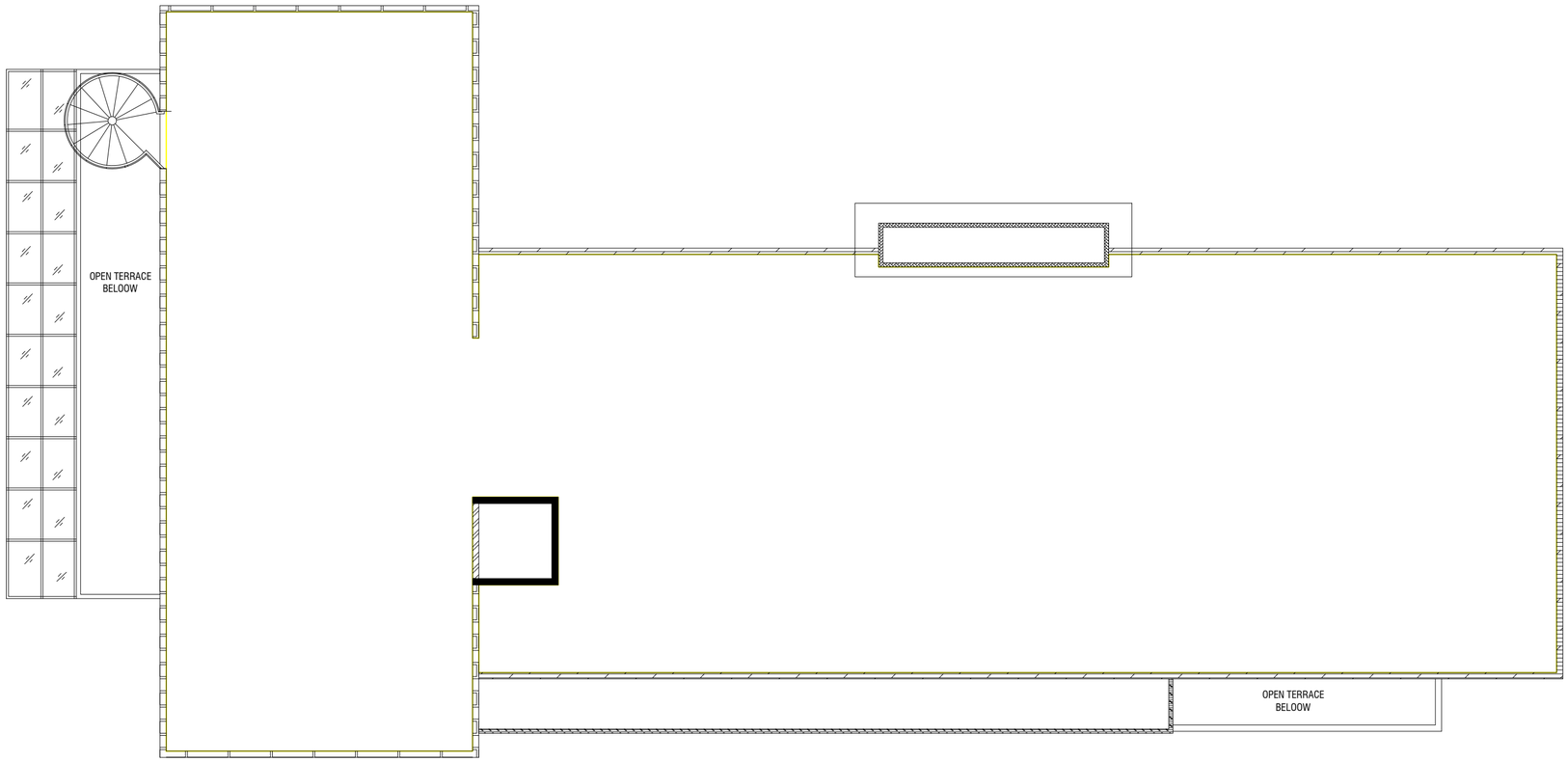

TERRACE FLOOR
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

Code		Description
FF01		600mmX600mm Non-Slip Homogenous Floor Tile
FF02		600mmX600mm Non-Slip Ceramic Floor Tile
FF03		Gray Epoxy Paint Finish Over Levellign Screed
FF04		Cement Screeding with 10mm groove finish with elastomeric paint
FF05		300mmX600mm Non-skid Deck Floor Tile
FF06		Paver Block
FF07		600mmX600mm Porcelain Ceramic Floor Tile
FF08		300mmX600mm Non-skid Ceramic Floor Tile
FF09		400mmX400mm Non-Slip Ceramic Floor Tile

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: December 2019
Architect : Mariyam Inasha
Engineer : Prabhakaran Nadimuthu
Drawn by :
Checked by :
Interior :

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3rd floor, H. Asuni, Ameeneemagu, Male'

Title: Terrace floor finishes Plan
Page: F-03/25

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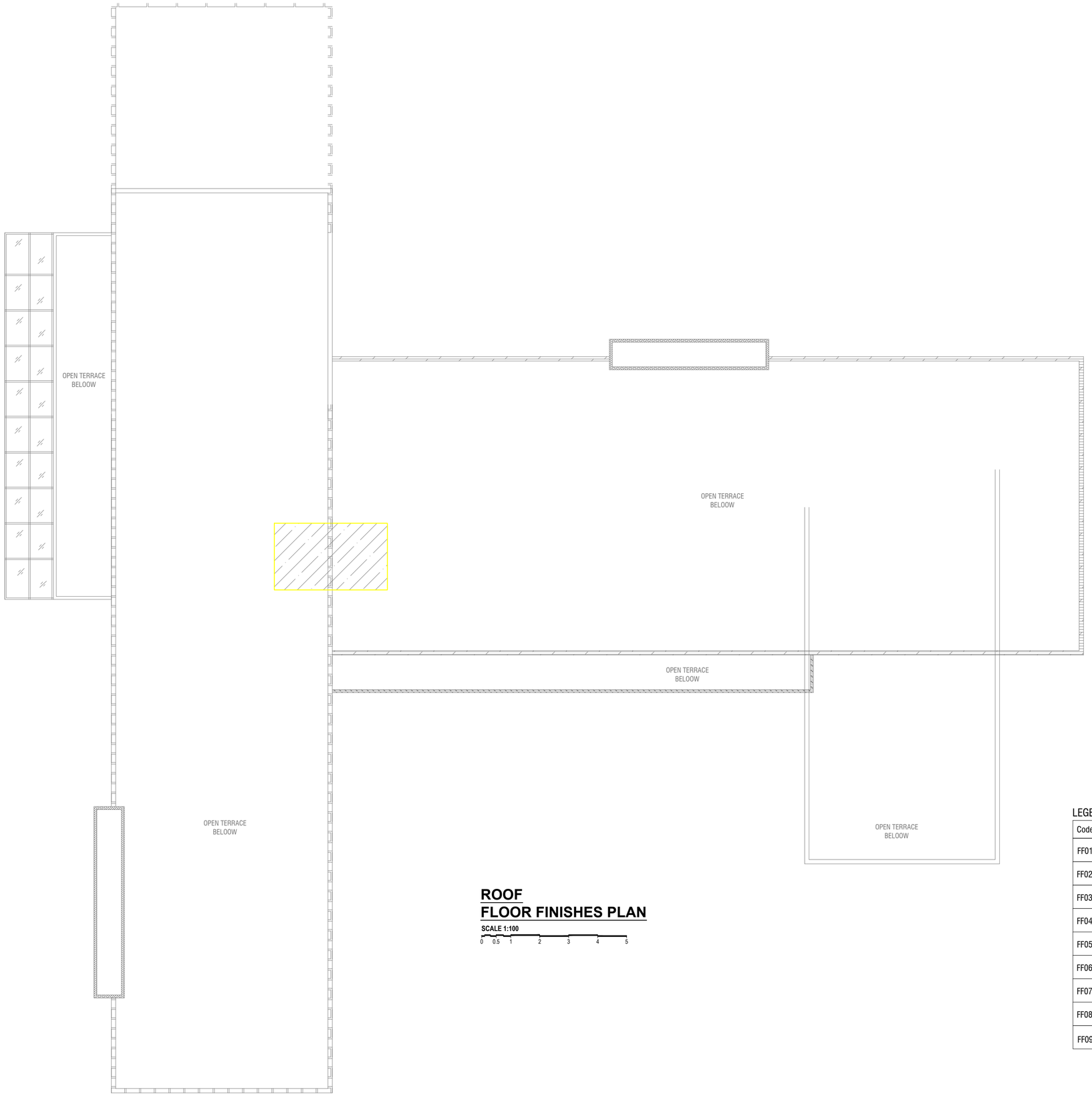

ROOF
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

Code		Description
FF01		600mmX600mm Non-Slip Homogenous Floor Tile
FF02		600mmX600mm Non-Slip Ceramic Floor Tile
FF03		Gray Epoxy Paint Finish Over Levellign Screed
FF04		Cement Screeding with 10mm groove finish with elastomeric paint
FF05		300mmX600mm Non-skid Deck Floor Tile
FF06		Paver Block
FF07		600mmX600mm Porcelain Ceramic Floor Tile
FF08		300mmX600mm Non-skid Ceramic Floor Tile
FF09		400mmX400mm Non-Slip Ceramic Floor Tile

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: December 2019
Architect : Mariyam Inasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd floor, H. Azuni, Aneeneemagu, Male'

Title: Roof finishes Plan
Page: F-04/25

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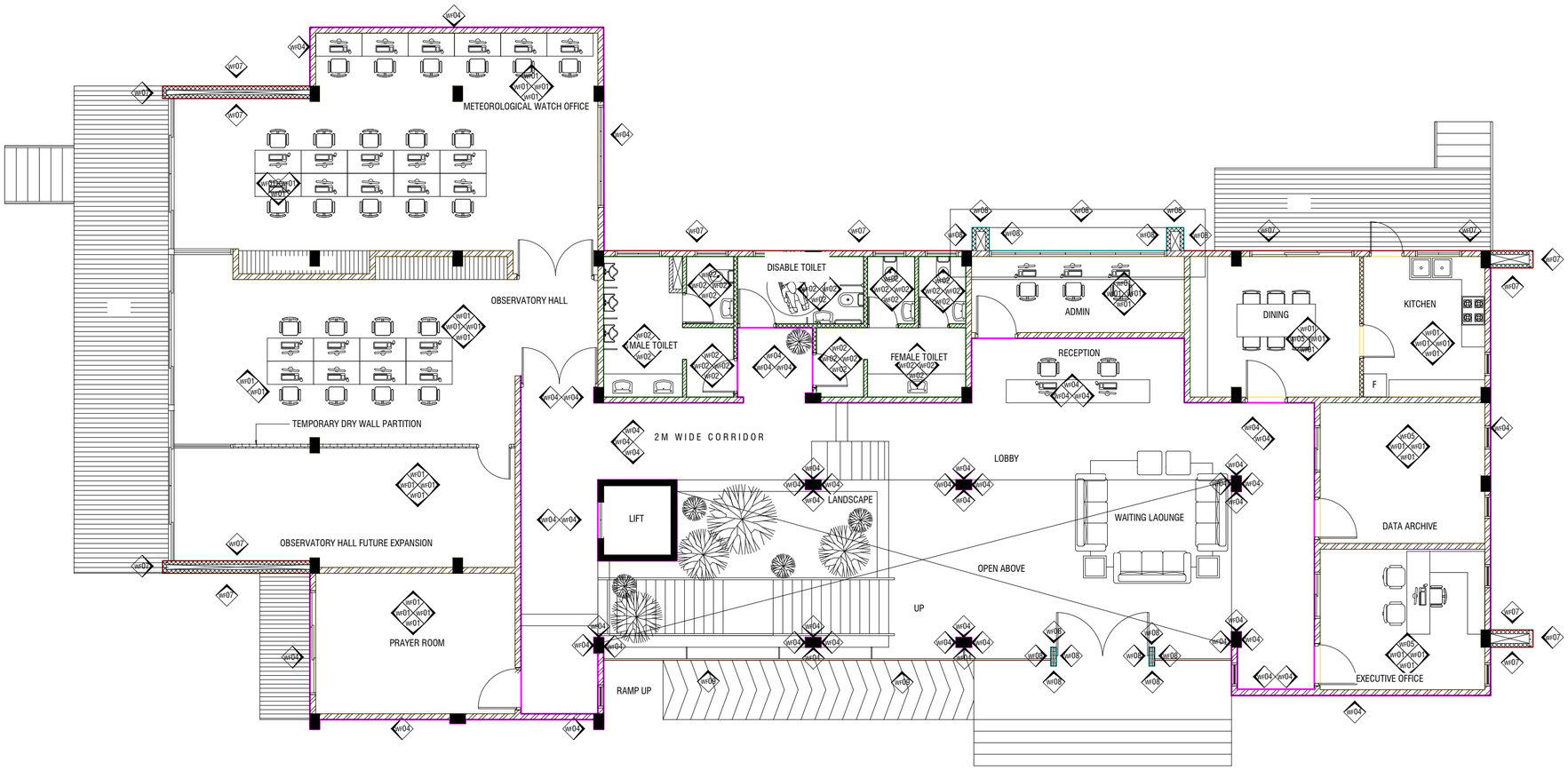

GROUND FLOOR
WALL FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

CODE		DESCRIPTION
WF01		Ground Smooth in Matte Interior Grade White Paint Finish
WF02		300mmx600mm Ceramic tiles in Matte Finish
WF03		Ground Smooth in Semi-Gloss Gray Paint Finish
WF04		Ground Smooth in Semi-Gloss Exterior Grade White Paint Finish
WF05		Ground Smooth in Matte Interior Grade Dark Gray Paint Finish
WF06		Cream Color Textured Exterior Wall tile
WF07		Timber Textured Exterior Aluminium Laminate Wall cladding
WF08		Grey Color Exterior Aluminium Laminate Wall cladding
WF09		Exterior Glass Wall

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Iusha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Surveyor :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd floor, H. Azum, Ameeneemagu, Male'

Title: First Floor Wall Finishes Plan
Page: F-05/25

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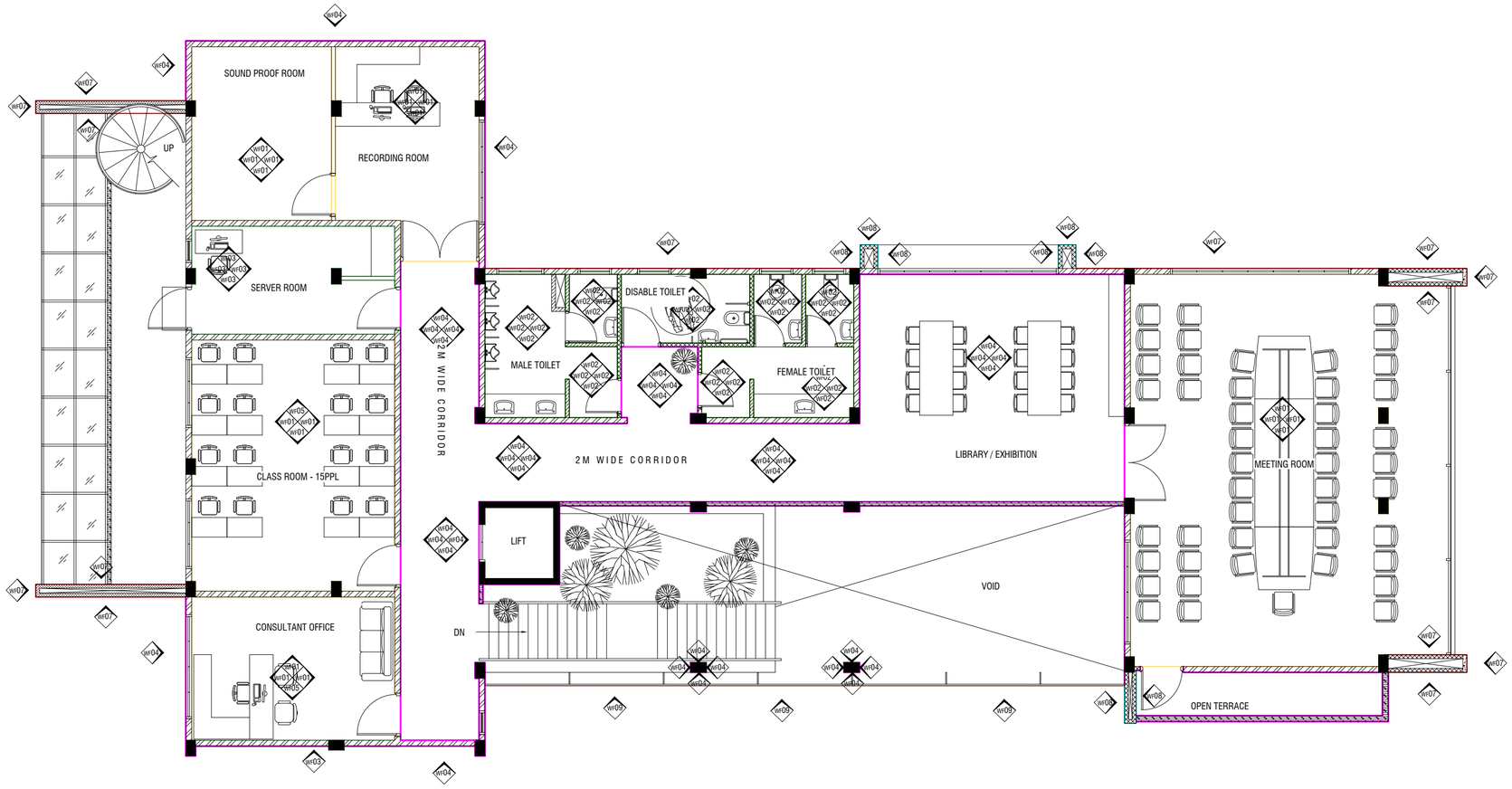

FIRST FLOOR
WALL FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

CODE		DESCRIPTION
WF01		Ground Smooth in Matte Interior Grade White Paint Finish
WF02		300mmx600mm Ceramic tiles in Matte Finish
WF03		Ground Smooth in Semi-Gloss Gray Paint Finish
WF04		Ground Smooth in Semi-Gloss Exterior Grade White Paint Finish
WF05		Ground Smooth in Matte Interior Grade Dark Gray Paint Finish
WF06		Cream Color Textured Exterior Wall tile
WF07		Timber Textured Exterior Aluminium Laminate Wall cladding
WF08		Grey Color Exterior Aluminium Laminate Wall cladding
WF09		Exterior Glass Wall

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/040
Date: October 2019
Architect : Mariyam Iraha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.12.2020
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3rd floor, H. Azum, Ameeneemagu, Male'

Title: First Floor Wall Finishes Plan
Page: F-06/25

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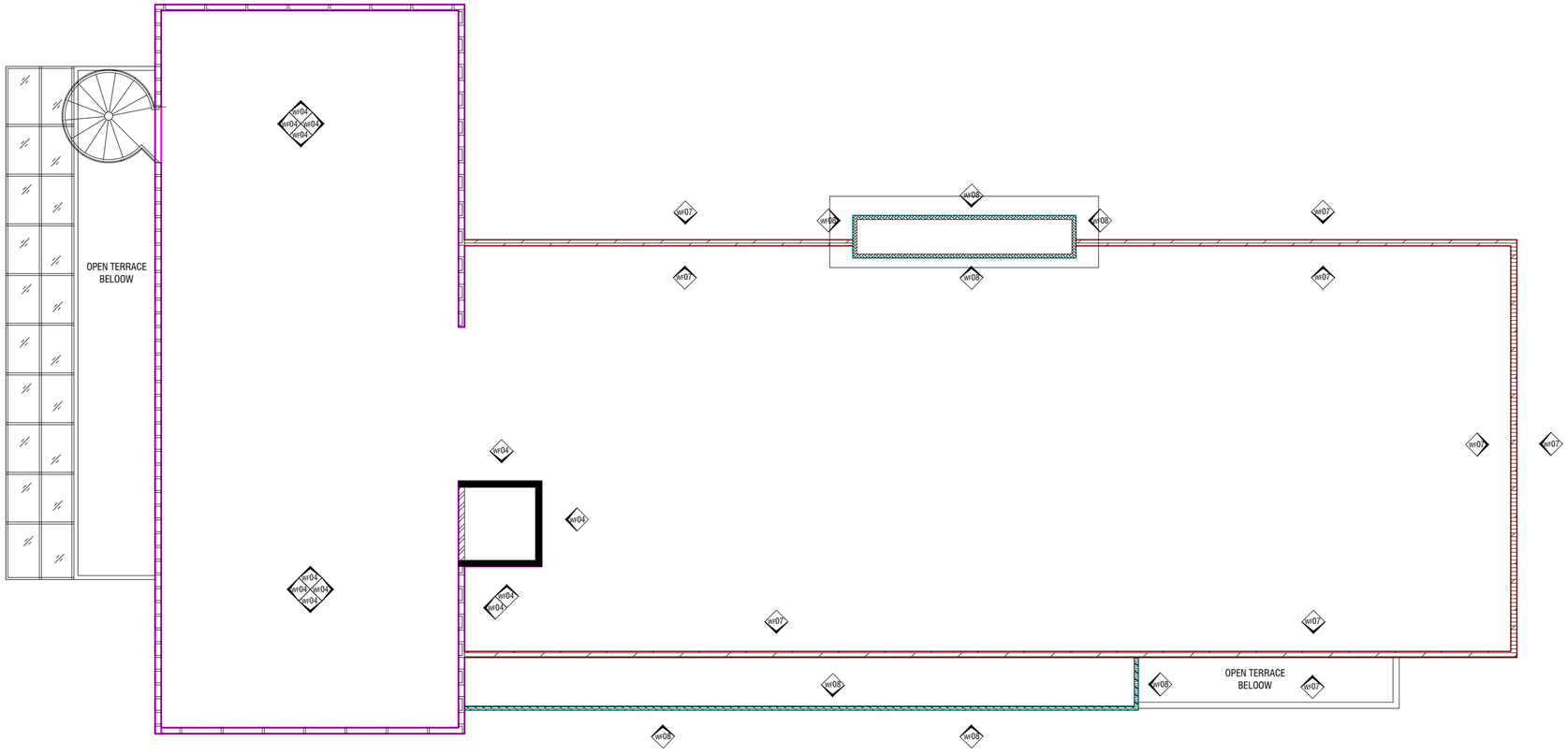

TERRACE FLOOR
WALL FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

CODE		DESCRIPTION
WF01		Ground Smooth in Matte Interior Grade White Paint Finish
WF02		300mmx600mm Ceramic tiles in Matte Finish
WF03		Ground Smooth in Semi-Gloss Gray Paint Finish
WF04		Ground Smooth in Semi-Gloss Exterior Grade White Paint Finish
WF05		Ground Smooth in Matte Interior Grade Dark Gray Paint Finish
WF06		Cream Color Textured Exterior Wall tile
WF07		Timber Textured Exterior Aluminium Laminate Wall cladding
WF08		Grey Color Exterior Aluminium Laminate Wall cladding
WF09		Exterior Glass Wall

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date Created: 12/12/2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd floor, H. Azure, Ameeneemagu, Male'

Title: Terrace Floor Wall Finishes Plan
Page: F-07/25

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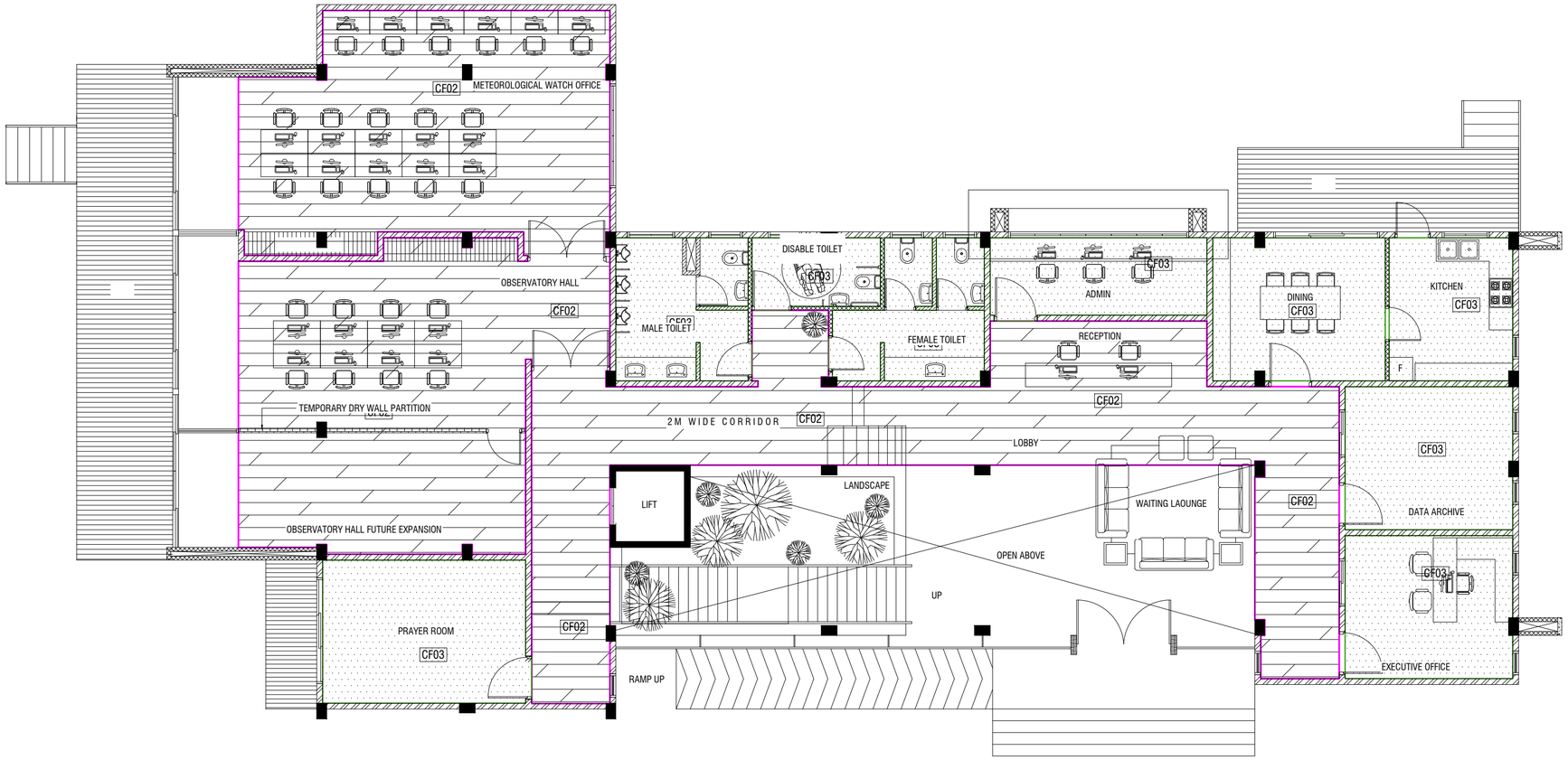

GROUND FLOOR REFLECTED CEILING PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND

	Code		Description
CF01	CF01		SMOOTH PUTTY UNDER RC SLAB/BEAM WITH SATIN WHITE PAINT FINISH
CF02	CF02		FALSE FLAT CEILING WITH 12mm CALCIUM SILICATE BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH
CF03	CF03		FALSE FLAT CEILING WITH 12mm THICK GYPSUM BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 October 2019
Architect : Mariyam Inasha
Engineer : Prabhakaran Nadimuthu
Drawn by :
Checked by :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
-	-
-	-
-	-

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Title: Ground Floor Reflected Ceiling Plan
Page: F-08/25

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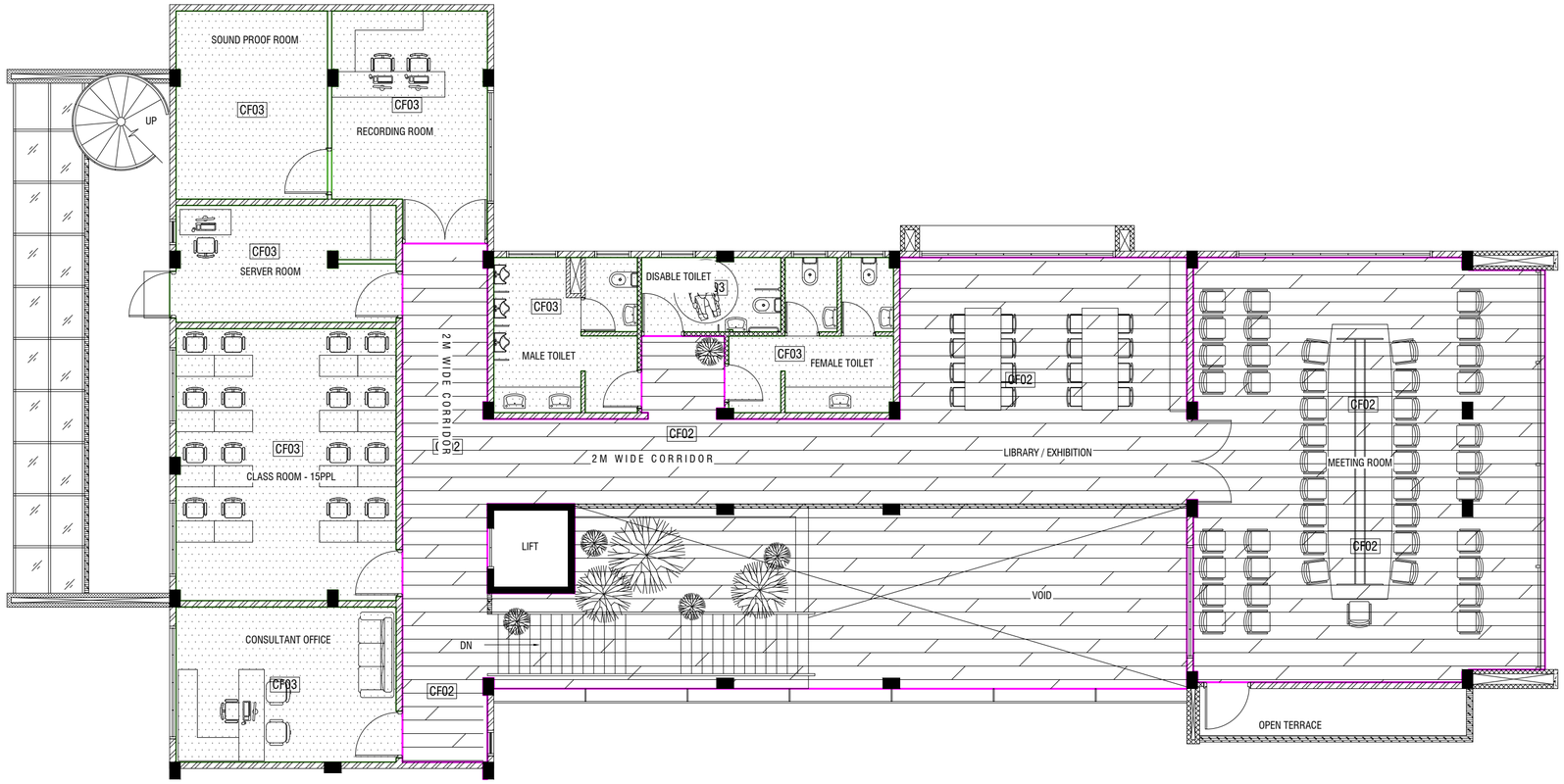

FIRST FLOOR
REFLECTED CEILING PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND

	Code		Description
CF01	CF01		SMOOTH PUTTY UNDER RC SLAB/BEAM WITH SATIN WHITE PAINT FINISH
CF02	CF02		FALSE FLAT CEILING WITH 12mm CALCIUM SILICATE BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH
CF03	CF03		FALSE FLAT CEILING WITH 12mm THICK GYPSUM BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: October 2019
Architect : Mariyam Ilasha
Engineer : Pradhakaran Nadimuthu
Drawn by :
Surveyor :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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Title: First Floor Reflected Ceiling Plan
Page: F-09/25

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Project: Meteorological Office Building
S.Gan - Addu
Phase 01 - Air Shed

Client: Maldives Meteorological Service (MMS)

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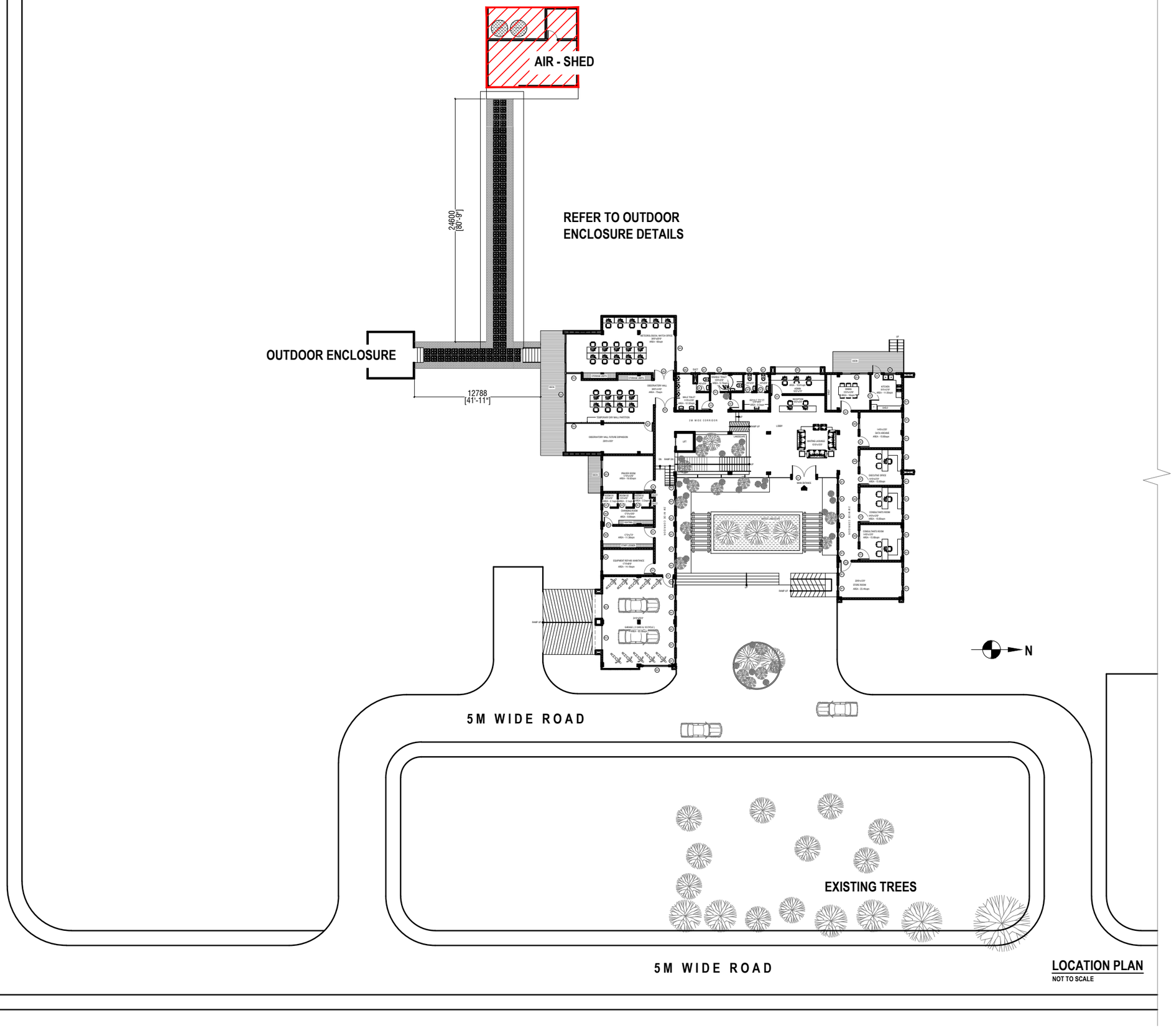

LOCATION PLAN
NOT TO SCALE

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Air Shed
location plan
Page: A-00/03

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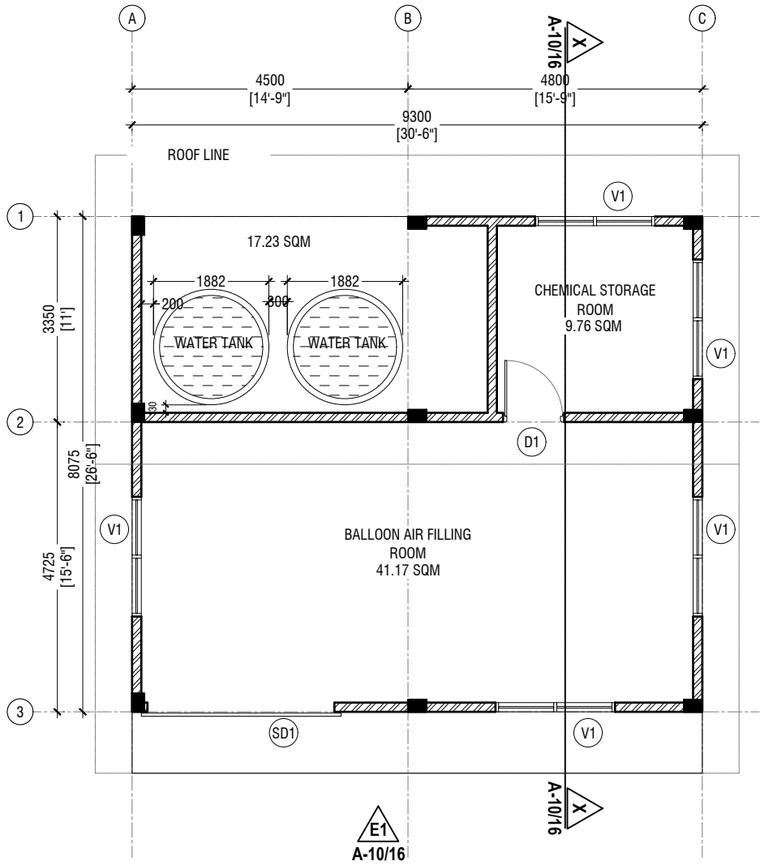
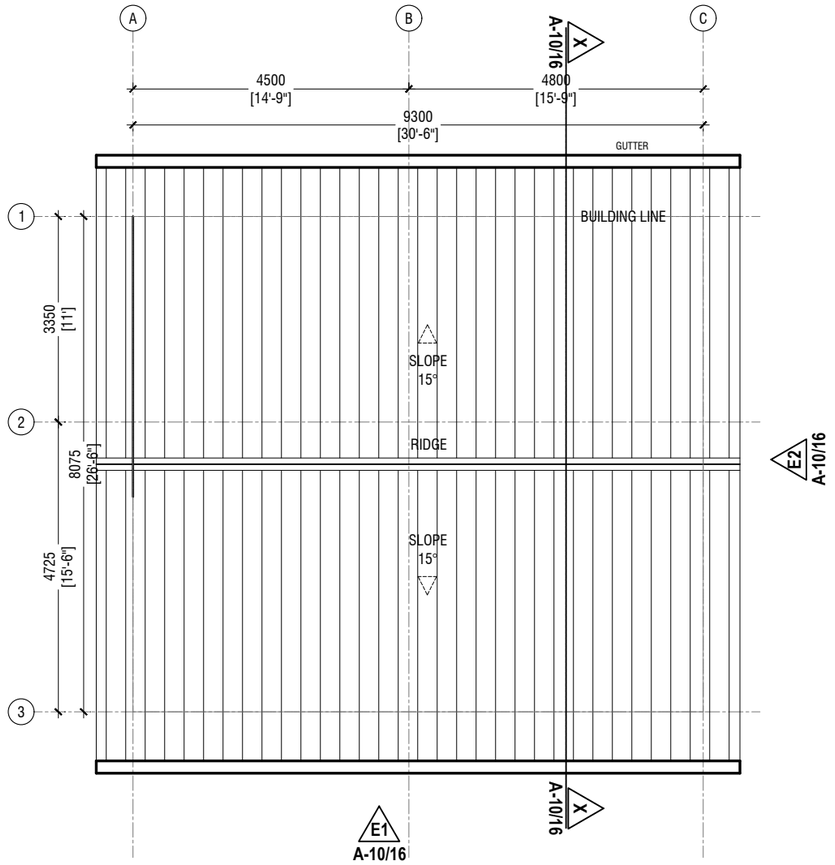


GROUND FLOOR PLAN

SCALE 1:100

0 0.5 1 2 3 4 5



ROOF PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

150mm THICK SOLID BLOCK MASONARY WALL WITH
16mm PLASTERING WATER-PROOF WITH
PLASTOCRETE, GROUND SMOOTH IN MATTE
EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
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Title: Air Shed
Ground & Roof plan
Page: A-01/03

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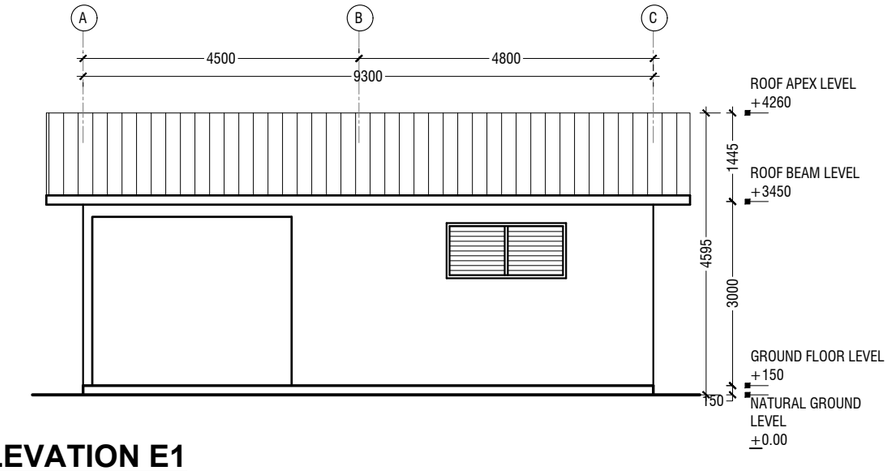
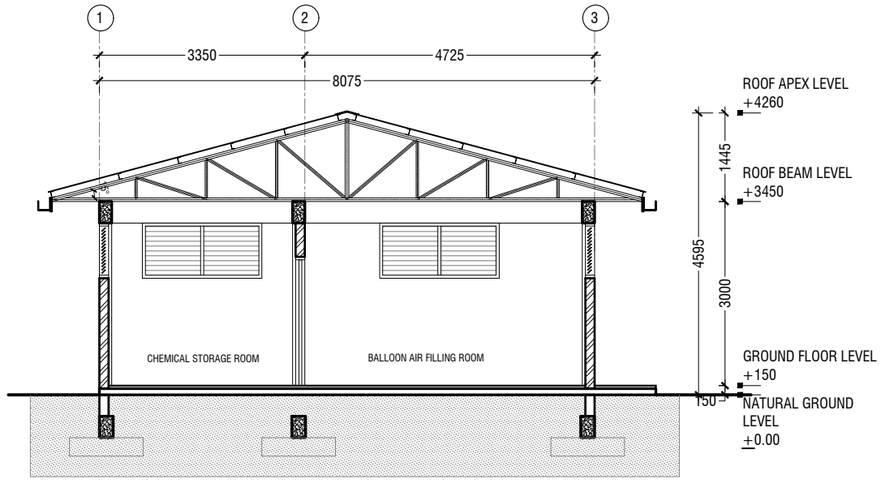


ELEVATION E1

SCALE 1:100

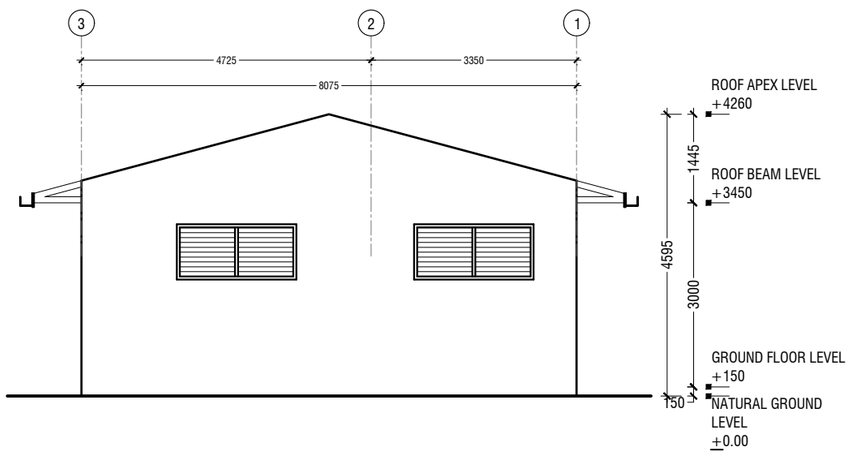
0 0.5 1 2 3 4 5



SECTION X-X

SCALE 1:100

0 0.5 1 2 3 4 5



ELEVATION E2

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
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Interior :

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Title: Air Shed
Section & Elevations
Page: A-02/03

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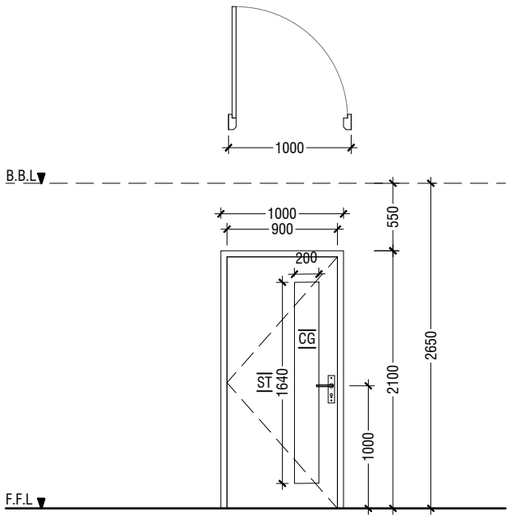
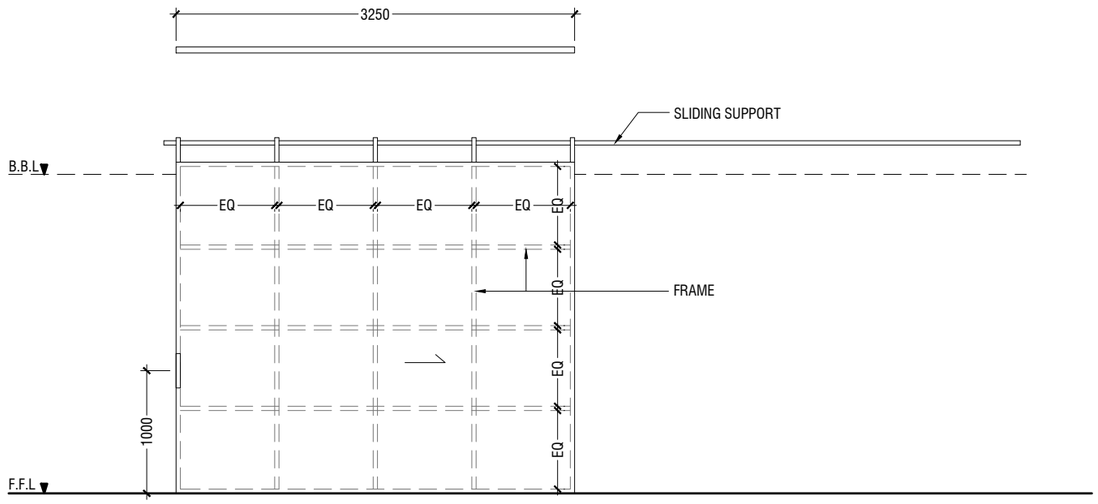
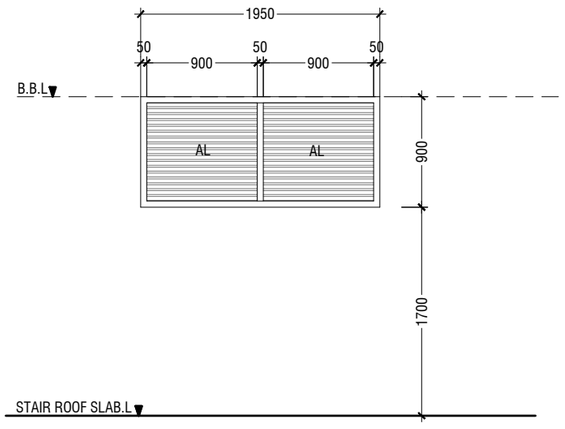


D1	SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 6mm CLEAR GLASS.
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	GROUND FLOOR
QUANTITY	01 NOS
OPEN AREA	1.84 SQM



SD1	SLIDING DOOR
REMARKS	FRAME: 25x35mm BOX SECTION FRAME PANEL: 50mm THICK SOLID TIMBER PANEL
LOCATION	GROUND FLOOR
QUANTITY	01 NOS
OPEN AREA	8.1 SQM



W6	ALUMINUM FIXED LOUVER
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH LOUVER
LOCATION	GROUND FLOOR
QUANTITY	5 NOS.
OPEN AREA	1.44 sqm

LEGEND:-

	FRG - FIXED REFLECTED GLASS
CG - CLEAR GLASS	TG - TEMPERED CLEAR GLASS
FCG - FIXED CLEAR GLASS	AL - ALUMINIUMN LOUVERS
FG - FROSTED GLASS	ST - SOLID TIMBER
FFG - FIXED FROSTED GLASS	T - TIMBER
RG - REFLECTED GLASS	PVC - POLYVINYL CHLORIDE

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- INTERNAL DOORS FRAME DEPTH TO BE WIDTH OF THE WALL.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- ALL EXTERIOR DOORS & WINDOWS SASHES TO BE 100mm WIDE

DOORS AND WINDOW SCHEDULE

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

SCHEDULE OF VENTILATION

Room name/ Number	*Room Areas (sqm) (Specify centre to centre or clear)*	*Window (opening) number*	*Required opening areas (sqm)*	*Designed opening areas (sqm)*	*Open %*
Ground Floor					
Balloon Filling Room	41.77	W5	4.177	4.32	10.34%
Storage Room	9.76	SD1	0.976	2.88	29.51%

VENTILATION SCHEDULE

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Air Shed
Door & Window Schedule
Page: A-03/03

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GENERAL NOTES

THE GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS.
REGARDLESS OF WHETHER OR NOT SHOWN IN DRAWINGS OR OTHER TENDER DOCUMENTS, THE STANDARD PROVISIONS SPECIFIED HEREUNDER FOR COMPLIANCE BY THE CONTRACTOR SHALL APPLY TO ALL RELEVANT PORTIONS OF THE STRUCTURAL WORKS AND SHALL FORM PART OF THIS CONTRACT.

1.0 VERIFICATION OF DIMENSIONS AND LEVELS

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS ON SITE, AND RESOLVE ALL DISCREPANCIES WITH THE ARCHITECT OR ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- DRAWING INDICATES GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE OF SIMILAR CHARACTER TO DETAILS SHOWN AND ALTHOUGH NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECTED TO REVIEW BY THE ENGINEER.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS IN THE CONTRACT DRAWINGS.
- DISCREPANCIES IN DRAWINGS ARISING FROM SUCH VERIFICATION WORKS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

2.0 SHOP DRAWINGS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF ALL WORKS AND SHALL TAKE SITE MEASUREMENTS PRIOR TO THE PREPARATION OF ANY SHOP DRAWINGS OR BEFORE COMMENCING FABRICATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL SPECIALIST TRADES, SUCH AS PRESTRESSING, CURTAIN WALLING, ETC. FOR REVIEWS AND COMMENTS BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK. SUCH SHOP DRAWINGS SUBMITTED SHALL INCORPORATE ALL NECESSARY CONNECTION DETAILS TO THE STRUCTURAL MEMBERS SUCH AS CAST-IN INSERTS, EMBEDDED PLATES, ETC.

3.0 INCORPORATION OF M&E REQUIREMENTS IN THE STRUCTURE

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF STRUCTURAL, M & E PENETRATION DRAWINGS OF SERVICES AND SUBMIT SUCH SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEWS AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- THESE SHOP DRAWINGS SHALL INCORPORATE ALL MECHANICAL, ELECTRICAL AND SANITARY WORKS TO BE EMBEDDED IN CONCRETE AND ALL OPENINGS FOR ALL PIPE OR DUCT WORKS, BASED ON THE REQUIREMENTS OF M & E DRAWINGS IN HIS POSSESSION.
- HE SHALL CHECK AND RESOLVE ALL DISCREPANCIES WITH THE RESPECTIVE ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

4.0 LEAN CONCRETE FOR SUSPENDED STRUCTURES

- UNLESS OTHERWISE STATED, 50 MM THICK LEAN CONCRETE WITH A MINIMUM 28-DAY CUBE STRENGTH OF 15N/MM2 SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF STRUCTURAL CONCRETE MEMBERS.

5.0 STRUCTURAL ELEMENTS ON GRADE

- UNLESS OTHERWISE STATED, A SINGLE LAYER OF 0.25 MM(HEAVY DUTY) POLYTHENE SHEET, OR EQUIVALENT THERMOPLASTIC MATERIAL, LAID OVER A COMPACTED 60 MM THICK LAYER OF HARD CORE BLINDED WITH SAND TO PREVENT GROUT LOSS FROM SEEPAGE INTO THE GROUND SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF THE NON-SUSPENDED SLABS.

6.0 SUBGRADE UNDER STRUCTURAL ELEMENTS

- WHERE THE CONTRACTOR REQUIRES REMOVAL AND SUBSEQUENT BACKFILL OF SUBGRADE PRIOR TO CASTING OF PILECAP/WALL/BEAM/SLAB, HE SHALL ENSURE THAT THE BACKFILL IS OF APPROVED MATERIAL AND THAT THE BACKFILL SHALL BE REASONABLY COMPACTED TO ENSURE THAT THE COMPACTED SOIL IS ABLE TO WITHSTAND THE WEIGHT OF THE WET CONCRETE. THE CONTRACTOR SHALL EXERCISE PROPER SKILL AND CARE TO AVOID DAMAGE TO ADJACENT INSTALLED STRUCTURES ARISING FROM HIS CONSTRUCTION SEQUENCE.

7.0 WATERPROOFING FOR STRUCTURES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND METHOD STATEMENTS FOR THE ENGINEER'S APPROVAL PRIOR TO COMMENCEMENT OF WORK. REQUIRED SHOP DRAWING DETAILS INCLUDE BUT ARE NOT LIMITED TO TREATMENT OF FLASHINGS, WATERSTOP AT CONSTRUCTION JOINTS, WALL AND SLAB PENETRATIONS.
- ALL PENETRATIONS THROUGH STRUCTURAL ELEMENTS SHALL BE CAST-IN, SLEEVED AND PROVIDED WITH APPROVED PUDDLE FLANGE DETAIL. IF FOR ANY REASON THE CONTRACTOR IS UNABLE TO LAY WATERSTOP AT CONSTRUCTION JOINTS AS INDICATED IN THE DRAWINGS, HE SHALL AT HIS OWN EXPENSES PROVIDE ADEQUATE GROUT TUBES FOR WATERPROOF PRESSURE GROUTING TO ENSURE WATERTIGHTNESS OF THE JOINT.
- ALL GROUT TUBES SHALL BE MARKED AND PROTECTED FROM BLOCKAGE.
- BACKFILLING OPERATIONS AGAINST VERTICAL SURFACE SHALL BE CARRIED OUT AS SOON AS THE WATERPROOFING BARRIER IS INSTALLED TO THE SATISFACTION OF THE ENGINEER.

8.0 CASTING LAYERS

- INCLINED CASTING LAYERS AND INCLINED CONSTRUCTION JOINTS SHALL BE AVOIDED.
- HORIZONTAL CASTING LAYERS SHALL NOT IN GENERAL EXCEED 0.6 M THICKNESS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

9.0 FOUNDATIONS

- ALL FOUNDATIONS HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 150 KN/M.
- ALL BACKFILL SHOULD BE DONE WITH MATERIALS APPROVED BY THE CONSULTANT AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
- WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
- IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
- IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE BELOW LEVEL OF FOUNDATIONS.
- THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGH OUT THE CONSTRUCTION PERIOD. RESTORING WATER TABLE CAN BE DONE AFTER BACKFILLING AND COMPACTION UP TO THE SLAB ON GRADE LEVEL, OR AS DIRECTED BY THE ENGINEER.
- NO BACK FILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

10.0 CONSTRUCTION LOAD AND SHORING

- CONSTRUCTION LIVE LOAD IMPOSED ON ANY SINGLE FLOOR SHALL NOT EXCEED 1.5 KN/M2. UNLESS OTHERWISE APPROVED BY THE ENGINEER, DEAD LOAD OF THE TOP CONSTRUCTION FLOOR SHALL BE SUPPORTED BY TWO COMPLETED FLOORS DIRECTLY BELOW IT.
- PROPS TO BEAMS AND SLABS AT ANY FLOORS SHALL NOT BE REMOVED UNTIL THE TWO IMMEDIATE FLOORS ABOVE THAT LEVEL ARE CAPABLE OF SUPPORTING THEMSELVES AS WELL AS ANY LOADS IMPOSED DURING CONSTRUCTION. CONSIDERATIONS GOVERNING REMOVAL OF PROPS INCLUDE BUT ARE NOT LIMITED TO THE ATTAINMENT OF 28-DAY STRENGTH FOR THE CONCRETE, DESIGN LOAD CAPACITY OF THE FLOOR UNDER REVIEW AND THE COMPLETION OF PRESTRESSING AND GROUTING OPERATIONS IN THE CASE OF A PRESTRESSED STRUCTURAL FLOOR SYSTEM.
- PROPS SHALL BE LEFT IN PLACE FOR SUPPORTING THE CONSTRUCTION LOADS APPROVED BY THE ENGINEER.
- NO ALLOWANCE HAS BEEN MADE IN THE DESIGN OF THE PERIMETER BEAMS/WALLS FOR THE SUPPORT OF TEMPORARY SCAFFOLDINGS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER TO DESIGN AND STRENGTHEN THE BEAMS/WALLS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER CHECK THE ADEQUACY OF SHORING DETAIL PROVIDED PROCEEDING THE WORK, AS SHORING WAS DESIGNED, CONSIDERING THE STATUS OF THE BUILDING AT THE TIME OF DESIGN.

11.0 CONCRETE COVER

- MINIMUM COVER TO OUTERMOST REINFORCEMENT INCLUDING LINKS SHALL BE AS FOLLOWS.

STRUCTURAL ELEMENT	COVER (mm)
RAFT BEAM & SLAB (EARTH FACE)	60
RAFT BEAM & SLAB (INTERNAL FACE)	60
COLUMN	40
BEAM	35
BEAM (EXTERNAL FACE)	40
SLAB	30
INTERNAL WALL	30
EXTERNAL WALL	40

- NOTE: EARTH FACE COVER OF BEAMS, COLUMNS & WALLS SHOULD BE 50mm

12.0 MATERIAL STRENGTHS

12.1 CONCRETE

- UNLESS OTHERWISE STATED, ORDINARY PORTLAND CEMENT CONFORMING TO BS 12, TO BE USED FOR ALL THE RC STRUCTURAL ELEMENTS.
- THE MINIMUM 28-DAY COMPRESSIVE CUBE STRENGTH OF CONCRETE FOR SPECIFIED STRUCTURAL ELEMENTS SHALL BE AS FOLLOWS UNLESS OTHERWISE STATED:

MAIN BUILDING	
LEAN CONCRETE	15 N/mm2
MASS CONCRETE	30 N/mm2
COLUMN, BEAM AND SLAB	30 N/mm2
EXTERNAL WORK	
PAVEMENTS	30 N/mm2
ALL OTHERS (CULVERT, DRAINS, MANHOLE, ETC)	30 N/mm2
FOUNDATION	
PILECAP, FOOTING, RAFT TIE-BEAM, CAPPING BEAM	30 N/mm2

- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.

Meteorological Office Building
Client: Maldives Meteorological Service

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01	12.12.2019
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Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
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Title: Air Shed
General notes
Page: S-01/09

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12.2 REINFORCEMENT

- UNLESS OTHERWISE STATED, BAR SIZE 10MM DIAMETER OR LARGER SHALL BE HIGH TENSILE TYPE II DEFORMED BARS. THE MINIMUM YIELD STRENGTH OF STEEL BAR REINFORCEMENT SHALL BE AS FOLLOWS:

MILD STEEL PLAIN BAR	250 N/mm2
HIGH TENSILE TYPE II DEFORMED BAR	415 N/mm2

12.25 REINFORCEMENT ANCHORAGE OR LAPPING IS AS FOLLOWS U.N.O.

	BAR GRADE 415
TENSION	45Ø
COMPRESSION	45Ø

Ø IS DIAMETER OF THE SMALLER SIZED LAPPED BAR.

- NO SPLICE SHALL BE MADE AT POINT OF MAXIMUM STRESS,EG IN BEAMS AND SLABS, THERE SHALL BE NO SPLICING OF TOP BARS OVER SUPPORTS NOR BOTTOM BARS AT MID-SPANS. SPLICES SHALL BE STAGGERED WHEREVER POSSIBLE. LAP LENGTH FOR UNEQUAL SIZE BARS (OR WIRES IN FABRIC) MAY BE BASED UPON THE SMALLER BAR. FOR BUNDLED BARS, THE EQUIVALENT DIAMETER SHALL BE USED. CRANKING OF BARS SHALL NOT EXCEED A SLOPE OF 1:10.
- FOR LAP LENGTH, WHERE SYMBOLS ARE NOT INDICATED, THE TENSION LAP LENGTH SHALL BE FOLLOWED.

13.0 STIRRUPS, LINKS AND TIES

- ALL STIRRUPS, LINKS AND TIES IN BEAMS, COLUMNS AND WALLS RESPECTIVELY SHALL TERMINATE NOT MORE THAN 75mm FROM THE FACE OF ANY ADJACENT STRUCTURAL MEMBERS.

14.0 SLAB DISTRIBUTION BARS

- REGARDLESS OF WHETHER OR NOT SHOWN ON PLAN, ALL DISTRIBUTION BARS FOR SLAB SHALL COMPRISE TYPICALLY ONE OF THE FOLLOWING COMBINATIONS, UNLESS OTHERWISE STATED IN THE RELEVANT DRAWINGS :

SLAB THICKNESS (mm)	MIN. DISTRIBUTION BAR
250 OR LESS	T10-300
GREATER THAN 250 BUT LESS THAN OR EQUAL TO 300	T10-200
GREATER THAN 300 BUT LESS THAN OR EQUAL TO 400	T10-150

15.0 FLOOR RENDERING

- THICKNESS OF SCREED RENDERING/MASS CONCRETE TOPPING EXCEEDING 60 OR MORE SHALL BE REINFORCED WITH ONE LAYER OF R6.

16.0 SHRINKAGE CRACKS

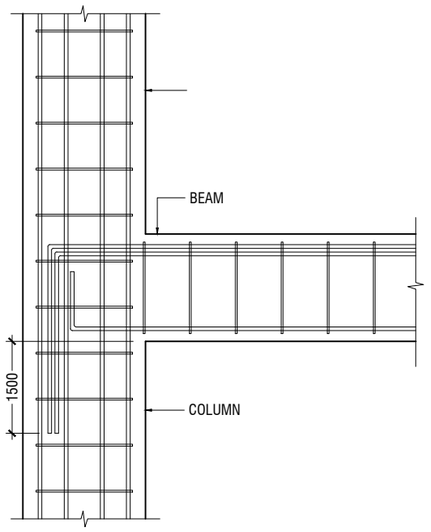
- THE SURFACE OF CONCRETE SHALL BE ADEQUATELY AND CONTINUOUSLY CURED TO SPECIFICATION TO PREVENT FORMATION OF SHRINKAGE CRACKS.THOUGH SHRINKAGE CRACKS HAVE NO EFFECT ON THE STRENGTH AND INTEGRITY OF THE STRUCTURE,THEY SHOULD BE SEALED BY EPOXY PRESSURE GROUTING. ALL COST INCURRED FOR THE NECESSARY SEALING UP OF SHRINKAGE CRACKS BY EPOXY PRESSURE GROUTING SHALL BE DEEMED TO BE INCLUDED IN THE CONCRETE WORK AS TENDERED.

17.0 STEEL BAR CORROSION PROTECTION

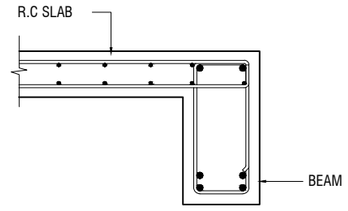
- ALL EXPOSED BARS FOR FUTURE CONSTRUCTION PURPOSES (EXCEEDING 3 MONTHS) MUST BE COATED WITH MASTER EMACO 8100 AP OR APPROVED EQUIVALENT AND PROVIDED WITH ADEQUATE MAINTENANCE.

18.0 SPACER BARS

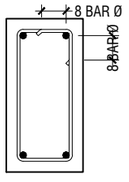
- ALL SPACER BARS BETWEEN 2 OR MORE LAYERS OF REINFORCEMENT SHALL T25 OR BAR DIAMETER (WHICHEVER IS GREATER) AT ±1-5M C/C.



BEAM TO COLUMN CONNECTION

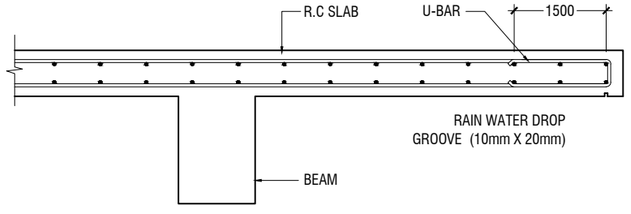


SLAB-BEAM ANCHORAGE DETAIL



Ø = DIA OF LINK

SHEAR LINKS ANCHORAGE DETAIL



CANTILEVERED SLAB EDGE DETAIL

Meteorological Office Building
Client: Maldives Meteorological Service

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01	12.12.2019
02	26.02.2020
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Project Number. RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Air Shed
General notes
Page: S-02/09

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19.0 STRUCTURAL TIMBER SPECIFICATION

19.1 THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE, AND ARE NOT INTENDED TO INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND FOR JOB SAFETY.

19.2 THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

19.3 ALL CONSTRUCTION IS IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

19.4 ALL TIMBER FOR STRUCTURAL USE SHALL BE HARDWOOD OR SOFTWOOD OF VISUAL GRADE C/D IN ACCORDANCE WITH BS 5756 WITH THE FOLLOWING MINIMUM GRADE STRESSES:

19.5 CONNECTIONS

PLATES - STAINLESS STEEL GRADE 316 OF STATED THICKNESS
BOLTS - SS GRADE 316

19.6 TIMBER TREATMENT

MOISTURE - PRESSURE IMPREGNATION OF CCA
INSECTS - TERMITE TREATMENT FOR TIMBER IN / NEAR GROUND

20.0 STRUCTURAL STEEL SPECIFICATION

1. SEE 21.0 ON PRIMARY CODES AND SPECIFICATIONS.

2. MATERIALS:

W-SHAPES & WT-SHAPES..... ASTM A992
S-SHAPES, M-SHAPES, HP-SHAPES..... ASTM A36
ST-SHAPES & MT-SHAPES..... ASTM A36
C-SHAPES & MC-SHAPES..... ASTM A36
ANGLES & PLATES..... ASTM A36
HSS SHAPES..... ASTM A500, GRADE B
STEEL PIPE..... ASTM A53 (TYPE E OR S), GRADE B
HIGH STRENGTH BOLTS..... ASTM A325
MACHINE BOLTS..... ASTM A307
ANCHOR RODS.....ASTM F1554, GRADE 55 TYPE S1(UNO)
WELDED HEADED STUDS..... ASTM A108
DEFORMED BAR ANCHORS..... ASTM A496
WELDING ELECTRODES..... AWS D1.1, E70 SERIES

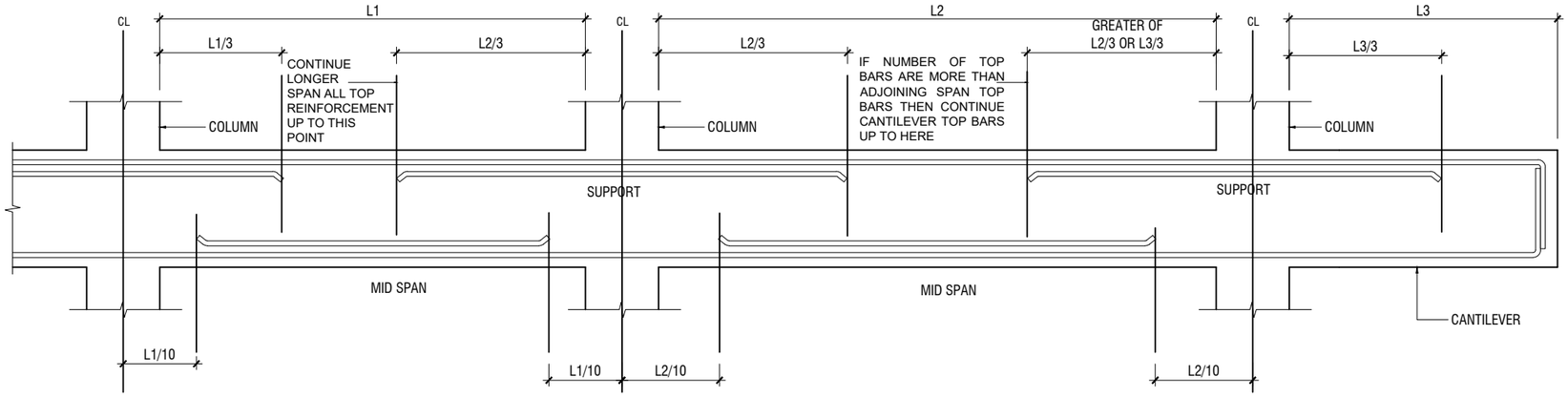
3. NON-SHRINK, NON-METALLIC GROUT WITH A 28 DAY STRENGTH OF 35MPa SHALL BE USED UNDER BASE PLATES AND SHALL CONFORM TO BS EN 12390-3 AND EN 196-1. MASTERFLOW 542 OR EQUIVALENT MAYBE USED.

23.0 POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER OF RECORD (EOR) PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSINGS OR MISPLACED ANCHORS.

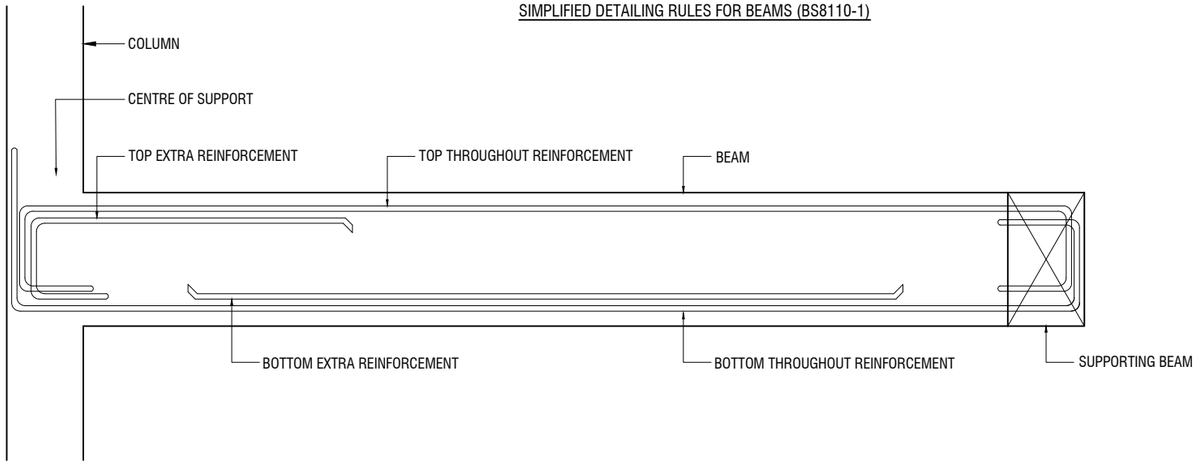
2. CARE SHALL BE GIVEN TO AVOID CONFLICTS WITH EXISTING REINFORCING WHEN DRILLING HOLES. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT NOT LESS THAN MINIMUM EDGE DISTANCES AND/OR SPACINGS INDICATED IN THE MANUFACTURER'S LITERATURE.

3. SPECIAL INSPECTION SHALL BE PROVIDED FOR ALL ADHESIVE AND MECHANICAL ANCHOR INSTALLATIONS AS REQUIRED BY THE EOR. INDEPENDENT ON-SITE PROOF LOAD TESTING SHALL BE PERFORMED AS REQUIRED BY THE EOR. CONTACT EOR FOR NUMBER OF ANCHORS REQUIRED TO BE TESTED AND REQUIRED PROOF LOAD MAGNITUDE.

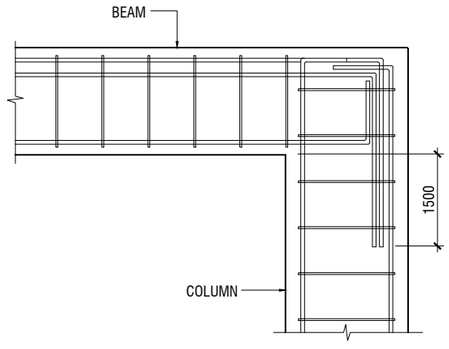


L1 = SHORTER SPAN
L2 = LONGER SPAN
L3 = CANTILEVER LENGTH

SIMPLIFIED DETAILING RULES FOR BEAMS (BS8110-1)



LONGITUDINAL SECTION OF TYPICAL SLAB BEAM SPANNING BETWEEN A COLUMN AND BEAM SHOWING END SPAN MID SPAN REINFORCEMENT DETAILS



END COLUMN TO BEAM CONNECTION

NOTE:
STANDARD DETAILS GIVEN HERE ALSO APPLIES TO FOUNDATION MEMBERS OTHER DETAILS NOT FOUND HERE SHALL BE REFEREED TO IN RELEVANT BS CODES OR SHALL BE APPROVED BY CLIENT'S ENGINEER

Meteorological Office Building
Client: Maldives Meteorological Service

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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Maniyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
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Interior :

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Title: Air Shed
General notes
Page: S-03/09

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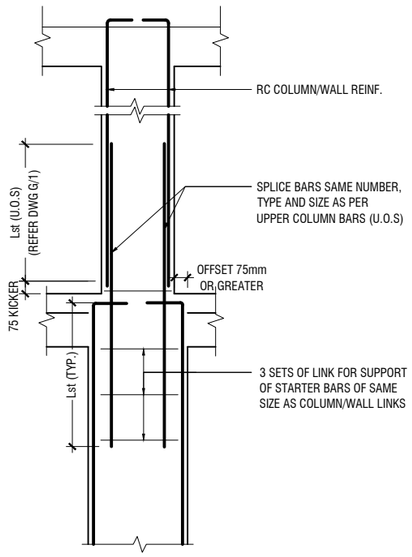
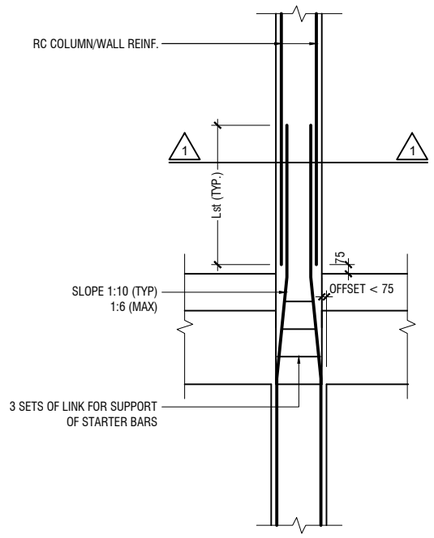


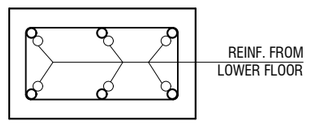
A) FOR COLUMN OFFSET > 75mm

TO BE VERIFIED BY THE CONSULTING ENGINEER

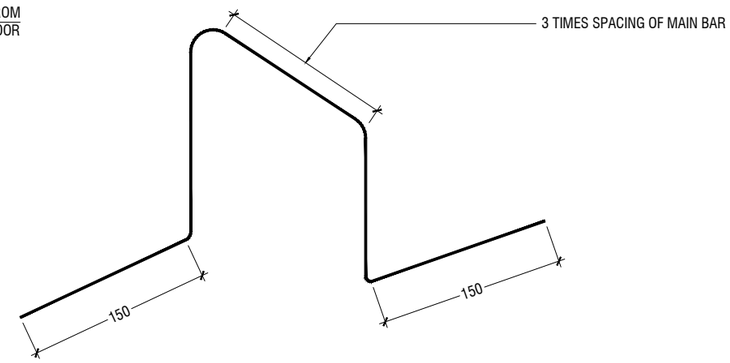


B) FOR COLUMN OFFSET < 75mm

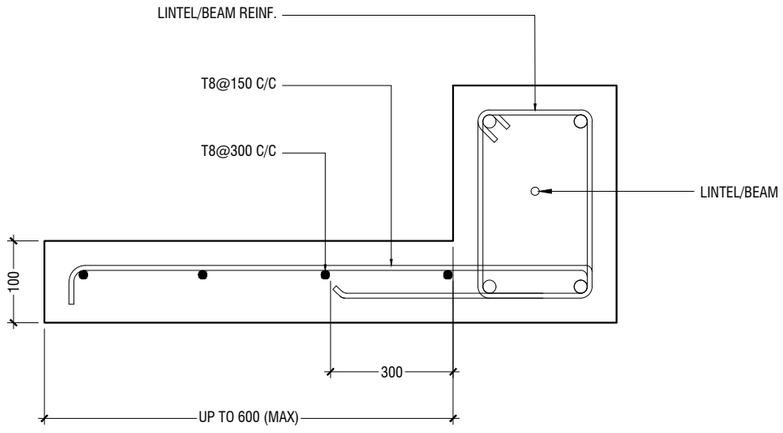
COLUMN/WALL REINF. LAPPING DETAIL AT FLOOR LEVEL



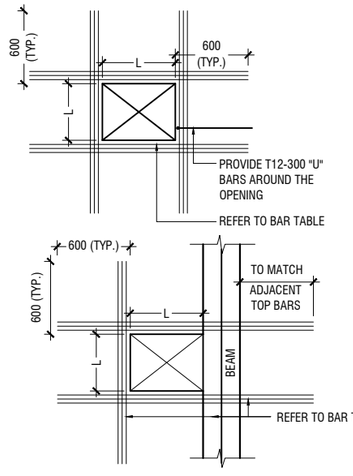
SECTION-1-1



TYPICAL CHAIR DETAIL



TYPICAL CANTILEVER DETAILS



FLOOR OPENING (L)	ADD BARS
LESS THAN 250	3T12 T & B
L = > 250 < 500	3T16 T & B
L = ⩾ 500 < 1000	3T16 T & B

NOTE:-

1. FOR OPENINGS LESS THAN 200x200. SLAB REBARS TO BE ADJUSTED AROUND OPENING.
2. FOR OPENINGS GREATER THAN 250x250 TO BE APPROVED BY THE ENGINEER.
3. ALL SLAB OPENINGS LOCATION TO BE APPROVED BY THE ENGINEER.
4. EQUIVALENT OPENING AREA SHALL APPLY THE DETAILS SHOWN ABOVE.
5. EQUIVALENT OPENING AREA SHALL INCLUDE RECTANGLE, TRIANGLE AND ANY POLYGON SHAPE.
6. EXCEPT HACKING, NO SLAB CORING ARE ADVISABLE FOR POST-TENSIONED SLAB.

TYPICAL TRIMMER BARS DETAILS FOR OPENING IN SLABS

Meteorological Office Building
Client: Maldives Meteorological Service

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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Air Shed
General notes
Page: S-04/09

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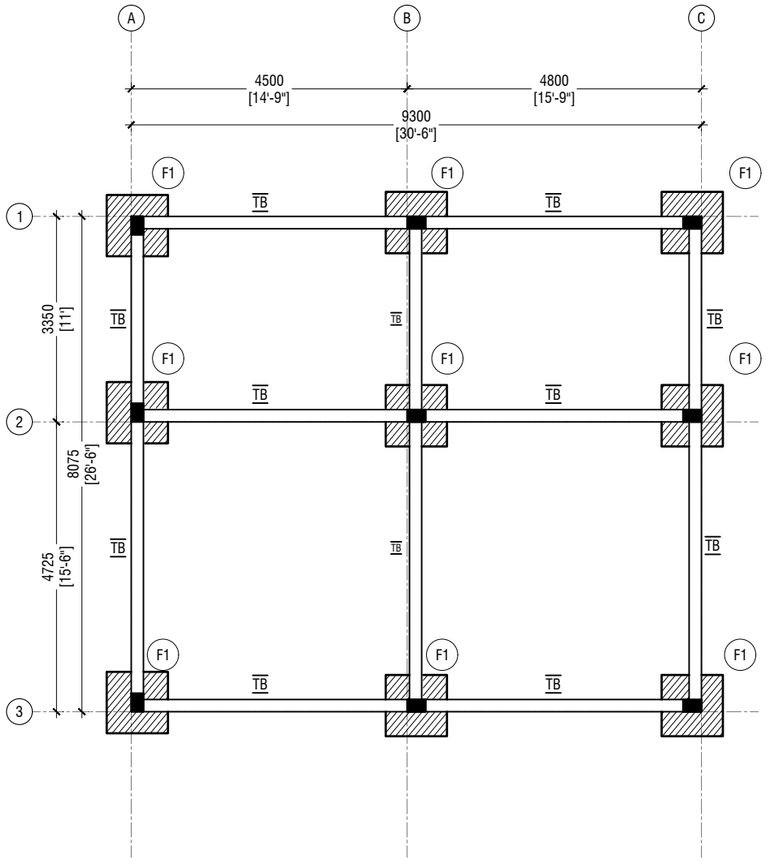
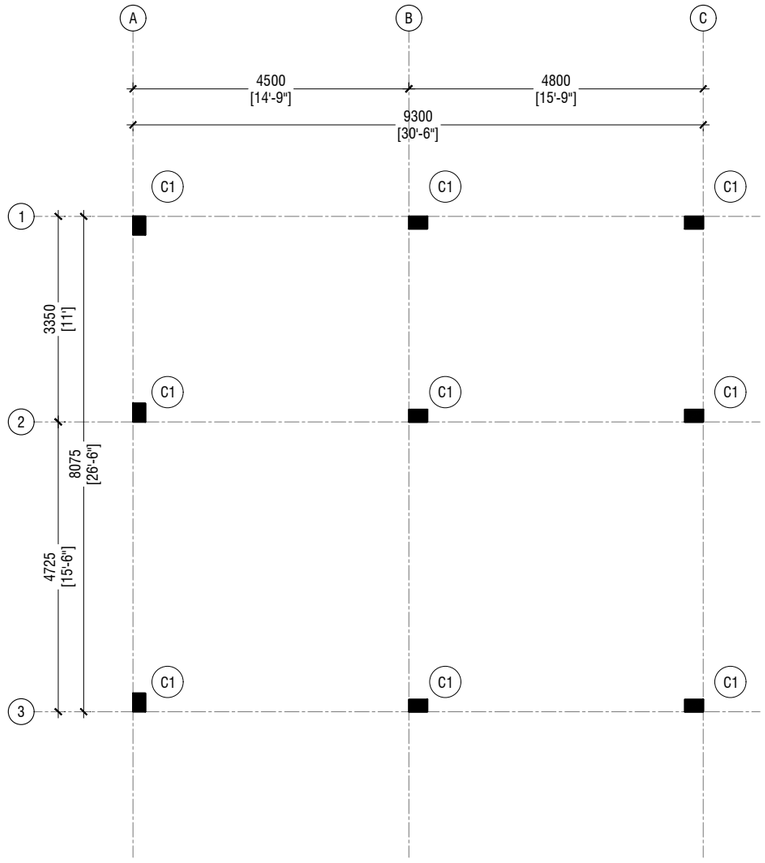


FOUNDATION PLAN

SCALE 1:100

0 0.5 1 2 3 4 5



GROUND FLOOR COLUMN LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

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02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
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Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Air Shed
Foundation &Col Layout
Page: S-05/09

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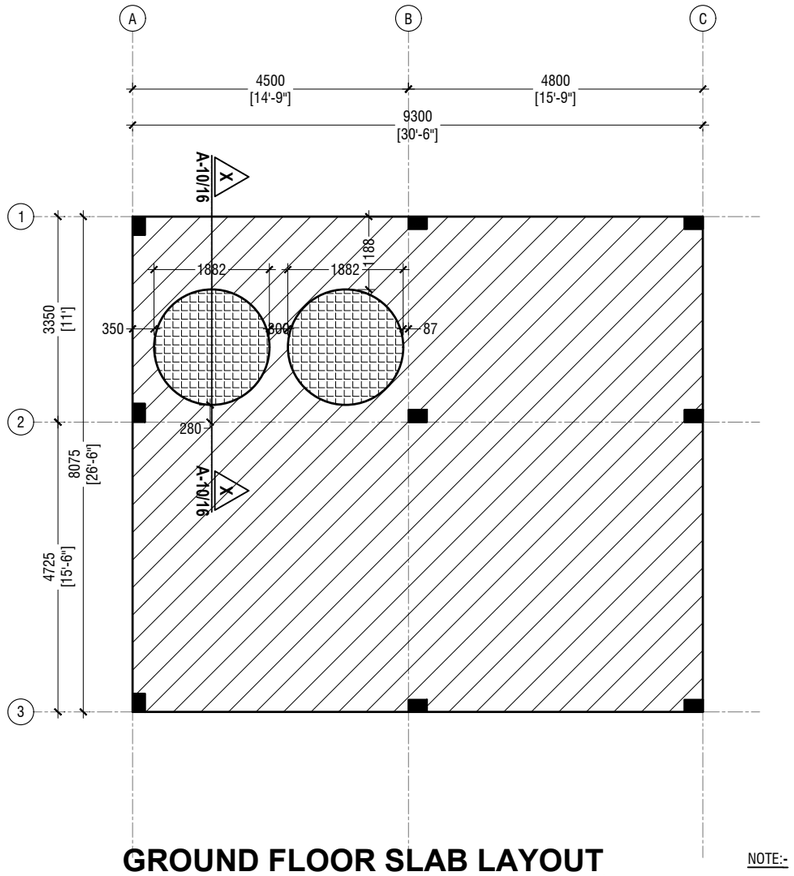

GROUND FLOOR SLAB LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

NOTE:-

100mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +100mm
T10@200mmC/C BW SINGLE LAYER

200mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +100mmBOTTOM - T10@200mmC/C BW
TOP - T10@200mm C/C BW

Meteorological Office Building
Client: Maldives Meteorological Service

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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
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Drawn by : Prabhakaran Nadimuthu
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Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Air Shed
Ground floor slab layout
Page: S-06/09

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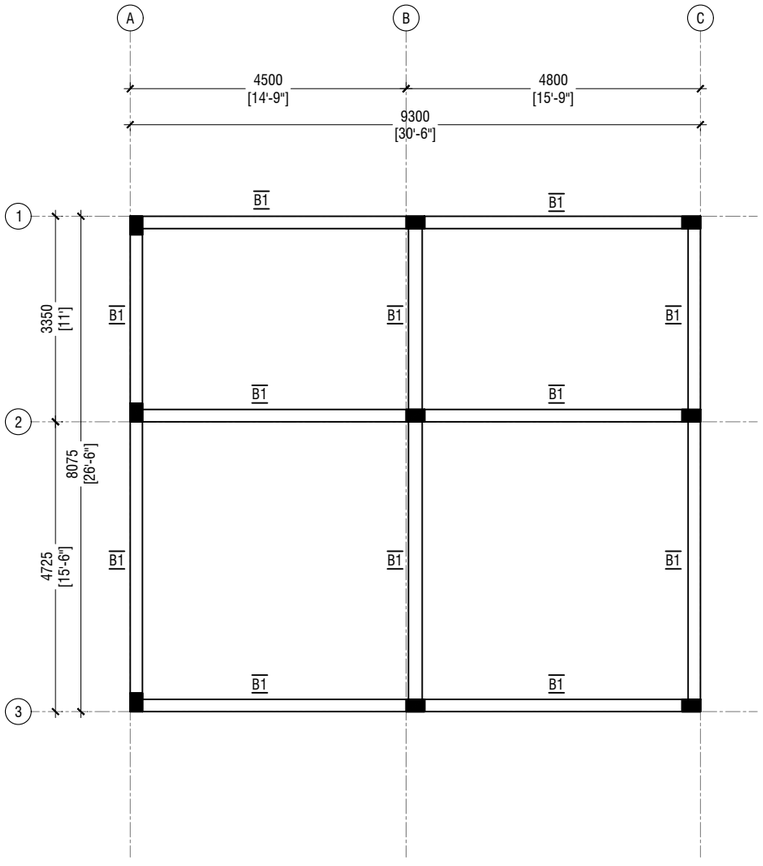
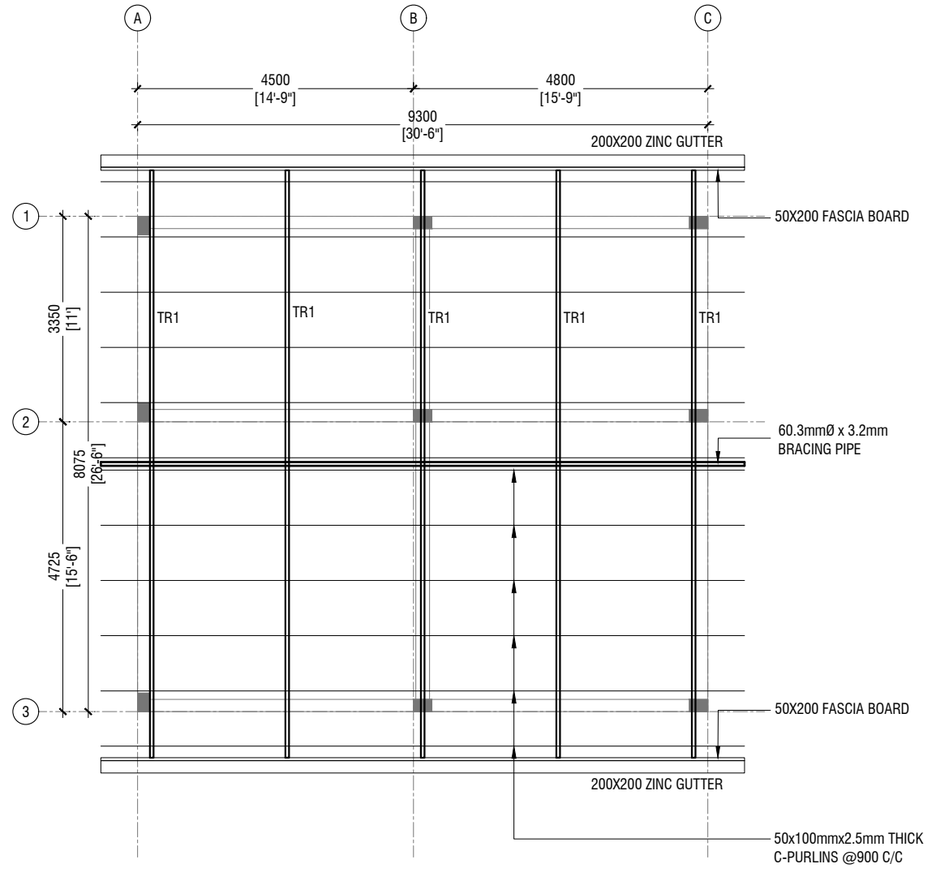


ROOF BEAM PLAN

SCALE 1:100

0 0.5 1 2 3 4 5



TRUSS PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
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Title: Air Shed
Roof beam layouts
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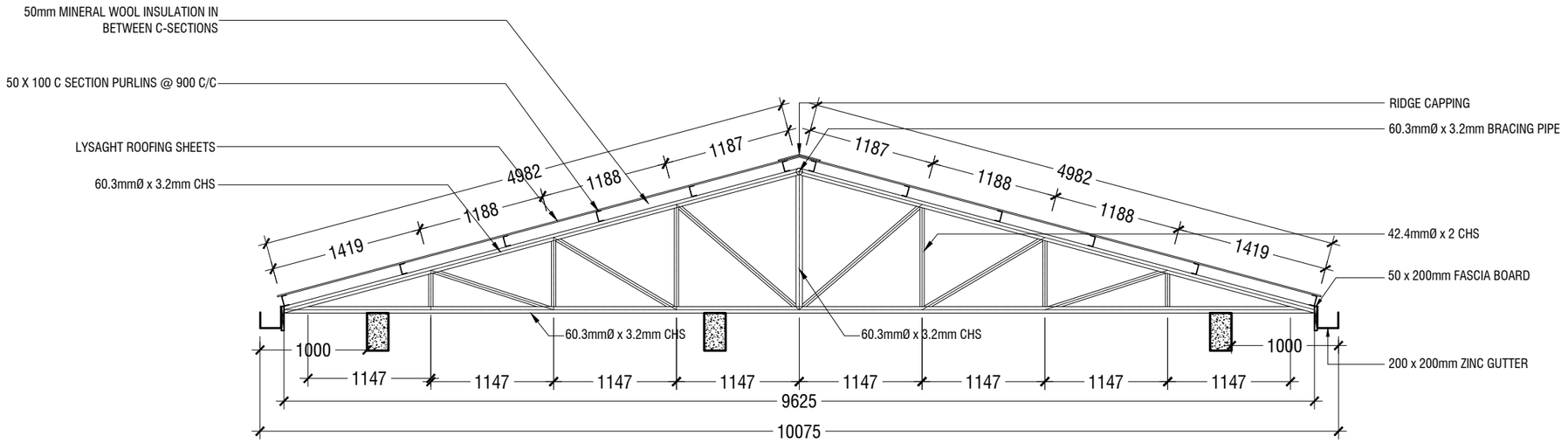

TRUSS TYPE TR1 DETAIL

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

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01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
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Architect : Mariyam Irasha
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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Air Shed
Truss detail
Page: S-08/09

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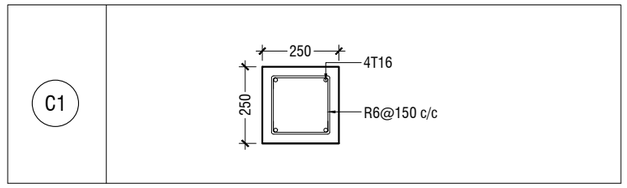
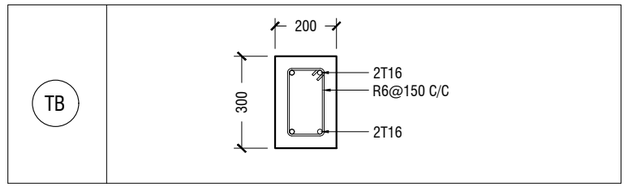


COLUMN DETAIL

SCALE 1:20

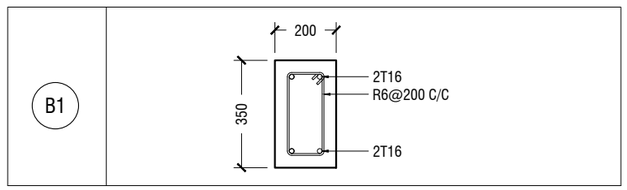
0 0.1 0.2 0.4 0.6 0.8 1



ROOF BEAM DETAIL

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



ROOF BEAM DETAIL

SCALE 1:20

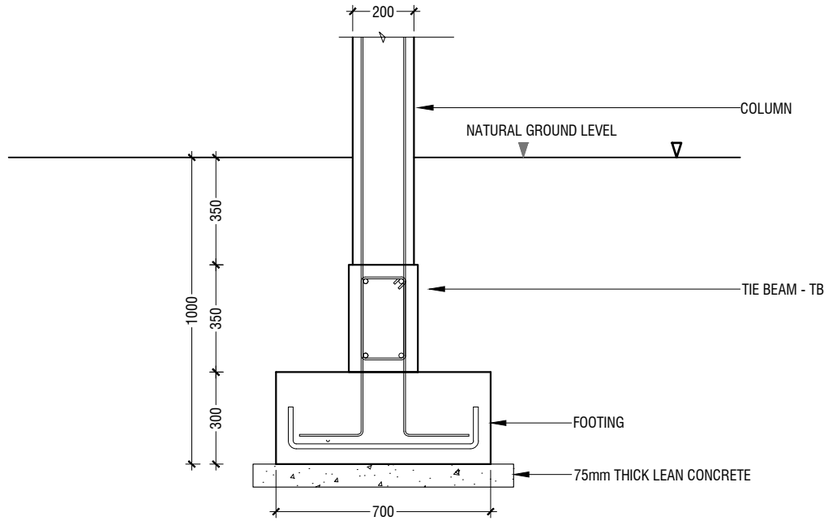
0 0.1 0.2 0.4 0.6 0.8 1

TYPE	SIZE	REINFORCEMENT
F1	700 X 700 X 300	T10 @ 150 C/C BW (B)

FOOTING SIZE

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



TYPICAL FOOTING SECTION

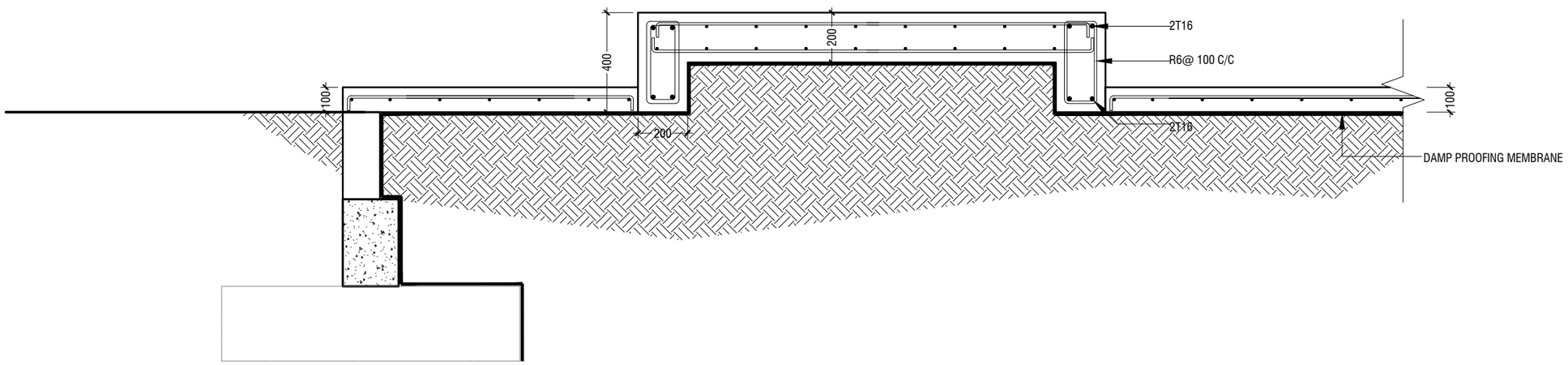
SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

STRUCTURAL DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



WATER TANK SLAB DETAIL

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
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Title: Air Shed
Structural details
Page: S-09/09

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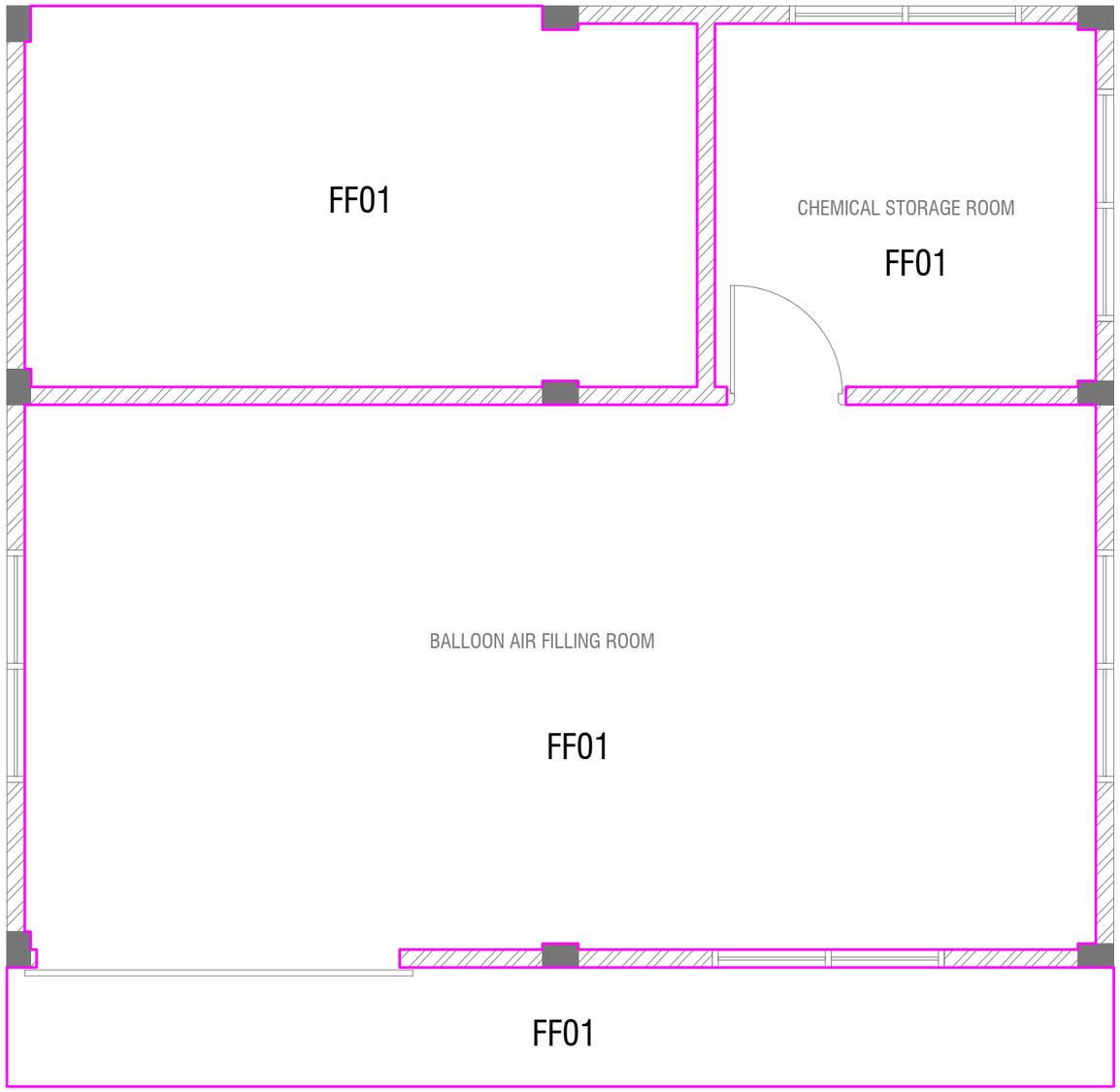

GROUND FLOOR FLOOR FINISHES PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

LEGEND:

Code		Description
FF01		Gray Epoxy Paint Finish Over Levellign Screed

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

RIYAN PRIVATE LIMITED
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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Air Shed
Floor finishes plan
Page: F-01/02

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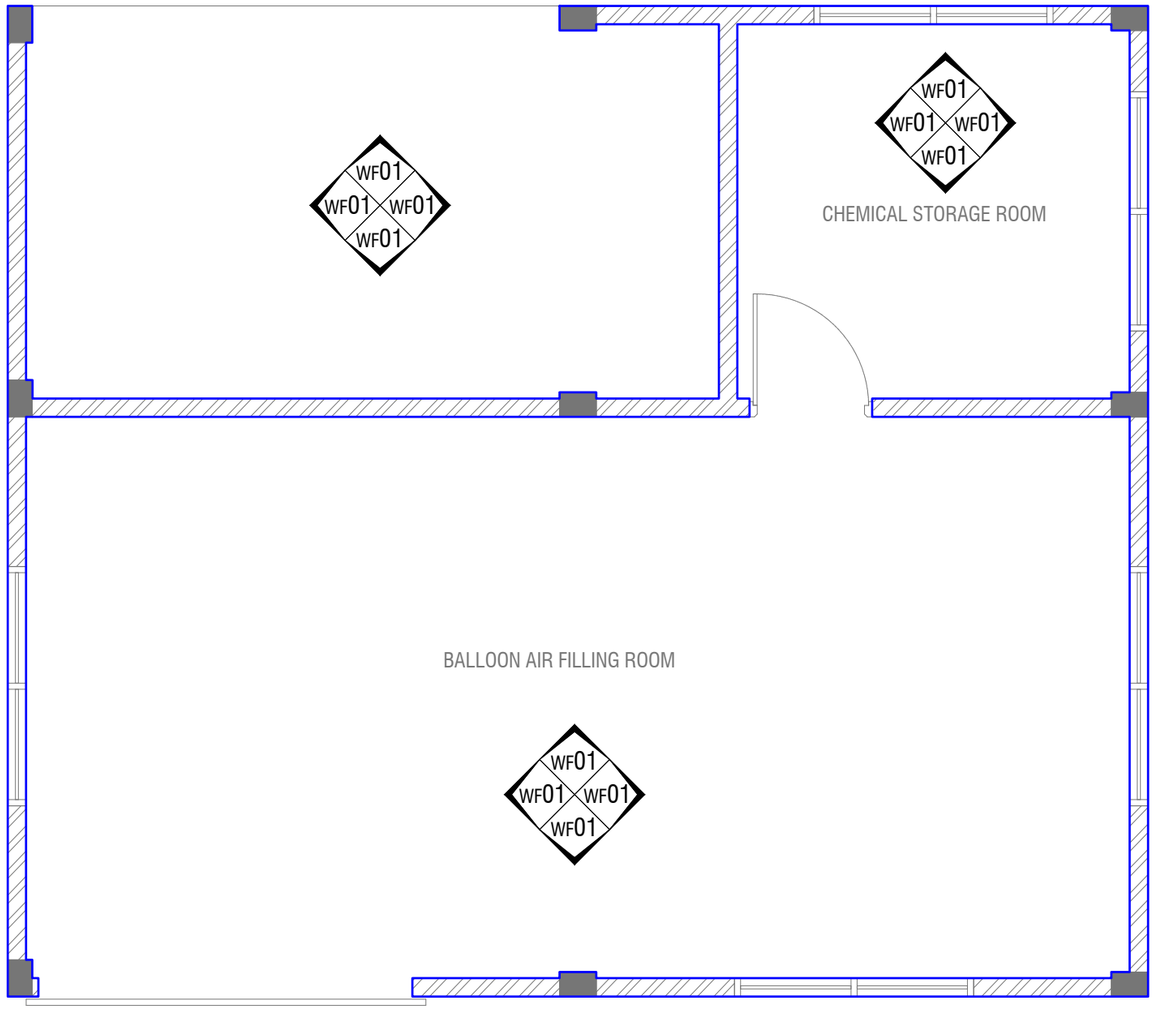

GROUND FLOOR WALL FINISHES PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

LEGEND:

Code		Description
FF01	———	Ground Smooth in Semi-Gloss Exterior Grade White Paint Finish

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Air Shed
Wall finishes plan
Page: F-02/02

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Project: Meteorological Office Building
S.Gan - Addu
Phase 02

Client: Maldives Meteorological Service (MMS)

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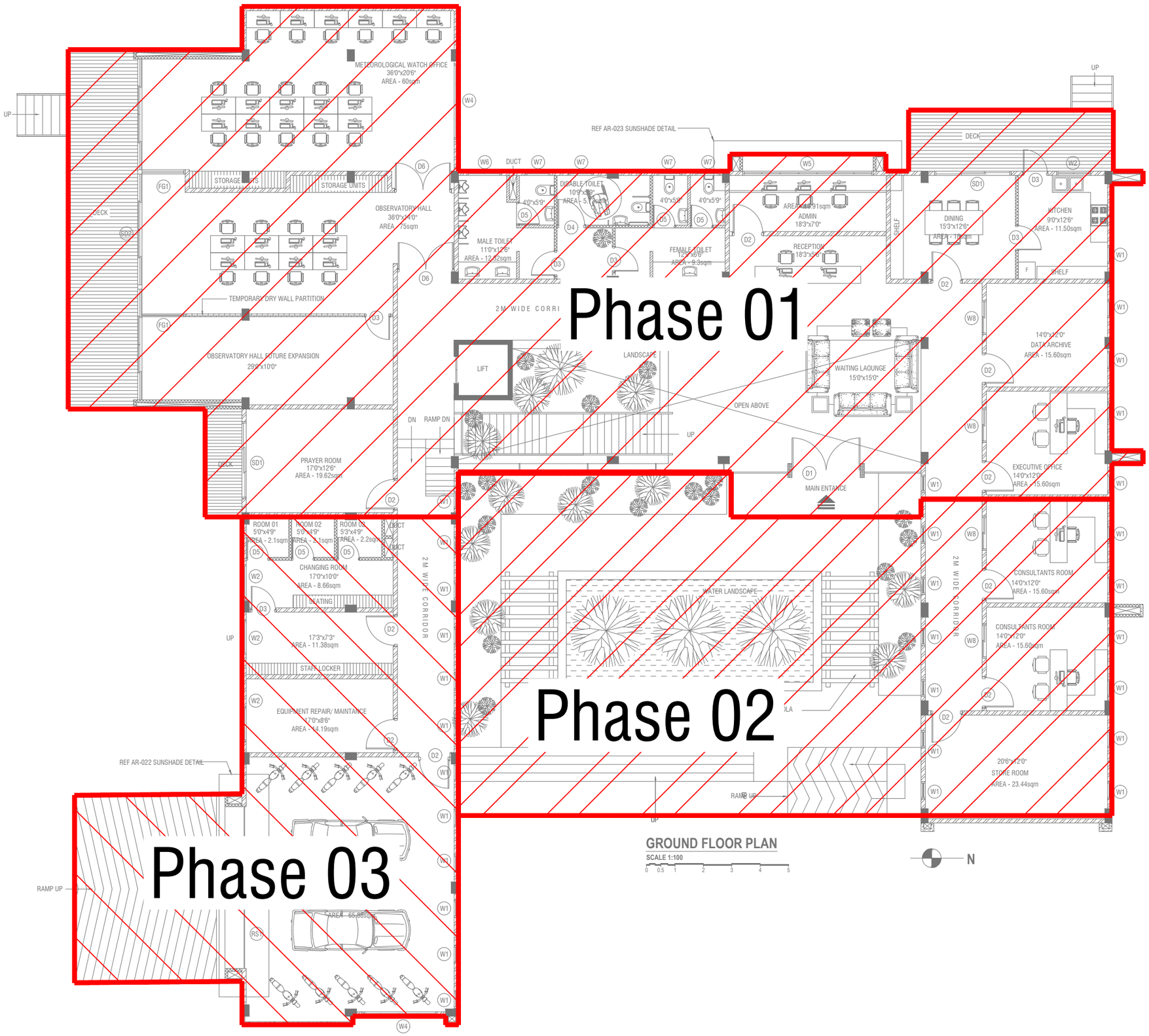

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Maryam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 02
Stages plan
Page: A-01/09

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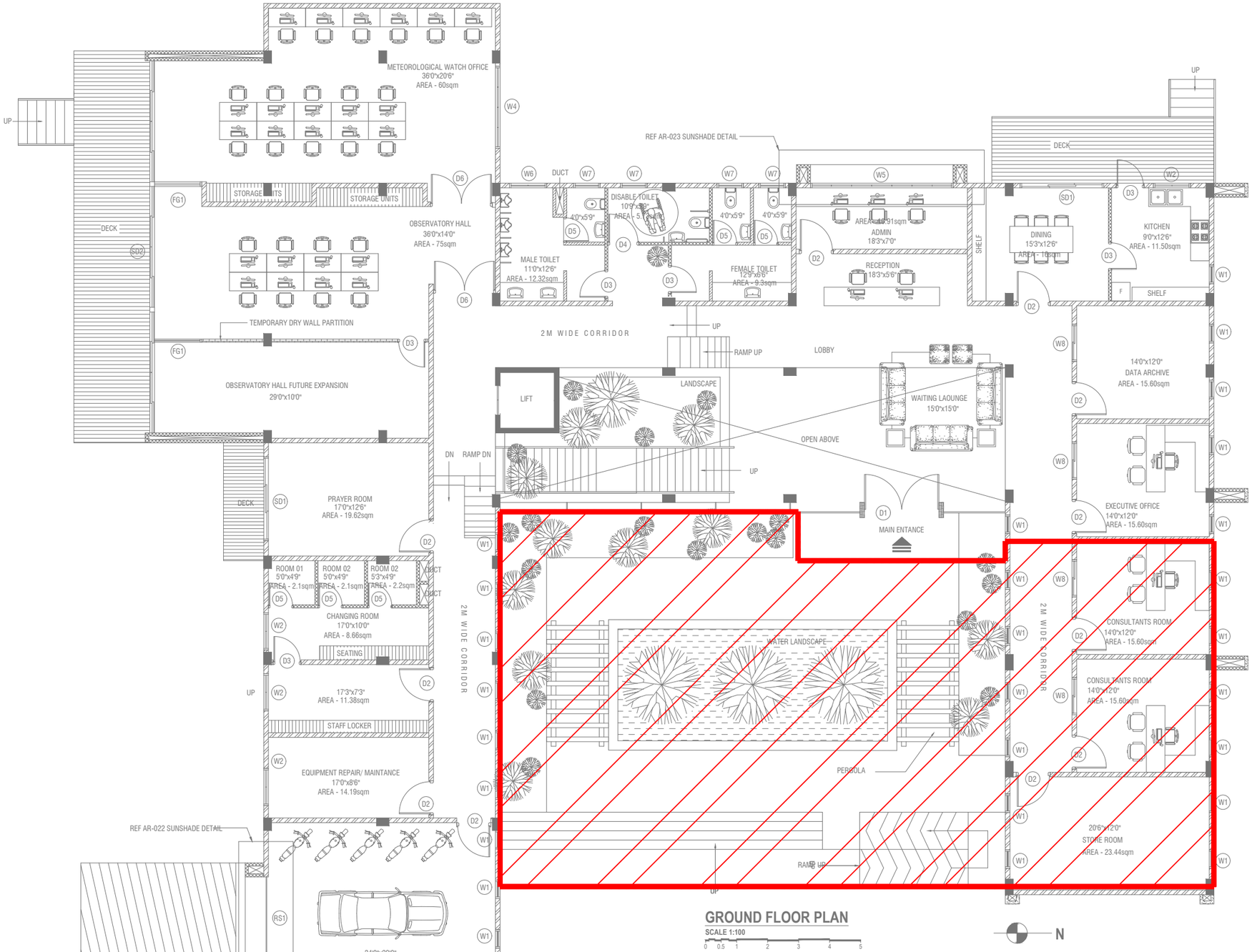

GROUND FLOOR PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

N

Phase 02

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Maniyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Title: Phase 02
Stage 2 key plan
Page: A-02/09

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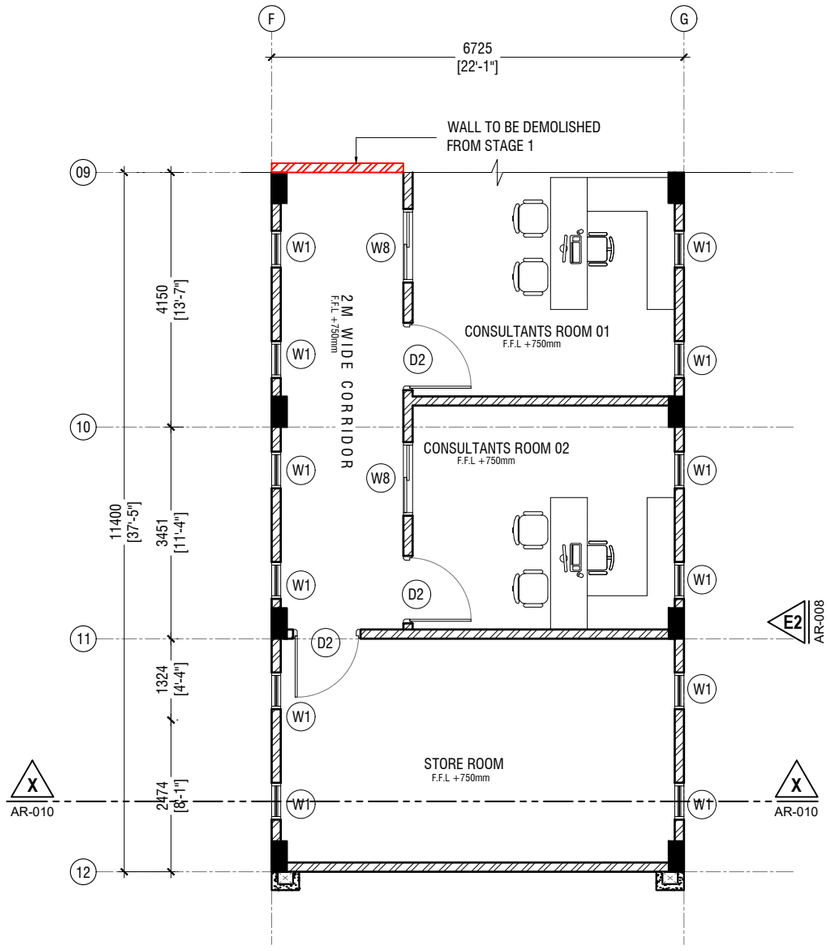
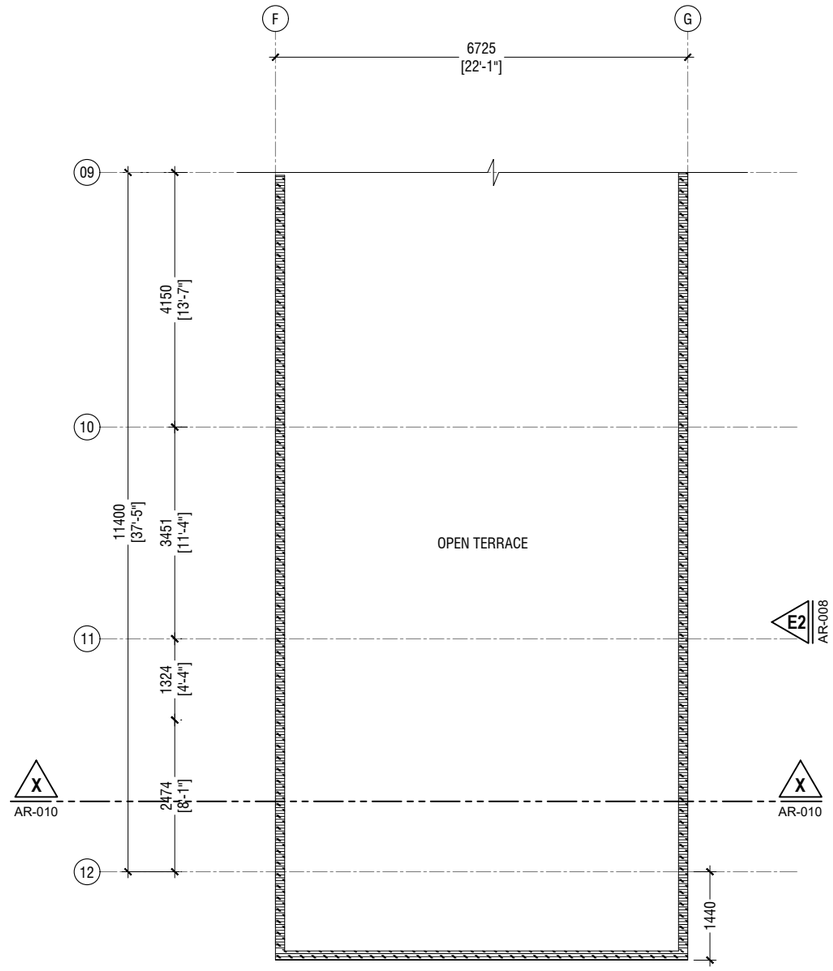


GROUND FLOOR PLAN (Phase 02)

SCALE 1:100

0 0.5 1 2 3 4 5

E1



FIRST FLOOR PLAN (STAGE 02)

SCALE 1:100

0 0.5 1 2 3 4 5

E1

NOTES:

150mm THICK SOLID BLOCK MASONARY WALL WITH 20mm EXTERIOR PLASTERING, WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB. INTERIOR INSULATION WITH 76mm EXPANDED POLYURETHANE

100mm THICK 1000mm HIGH SOLID BLOCK MASONARY WALL WITH 20mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

100mm THICK CONCERETE WALL WITH 20mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH.

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 02
Ground & first floor plan
Page: A-03/09

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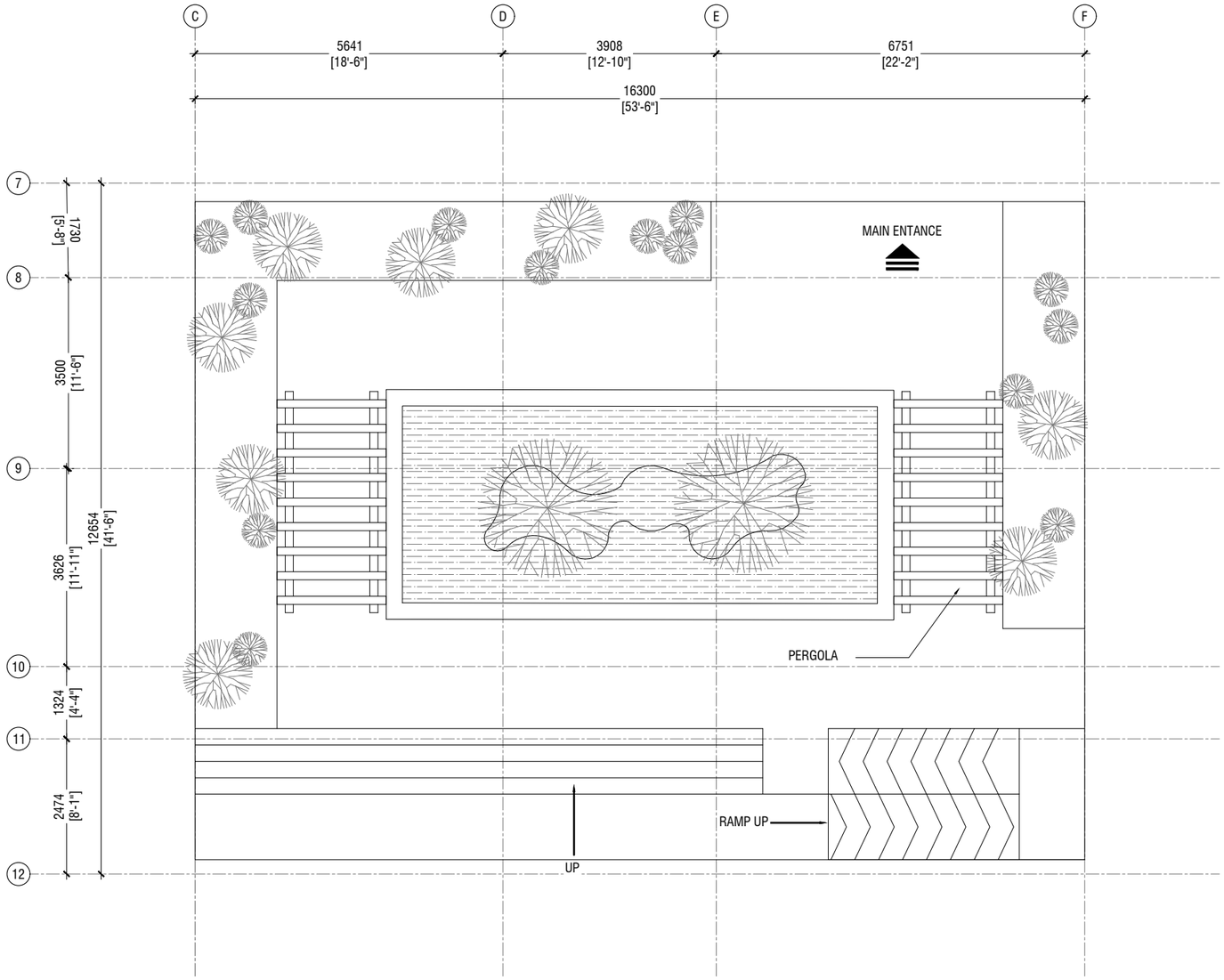

GROUND FLOOR PLAN (Phase 02)

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
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Title: Phase 02
Entrance area plan
Page: A-04/09

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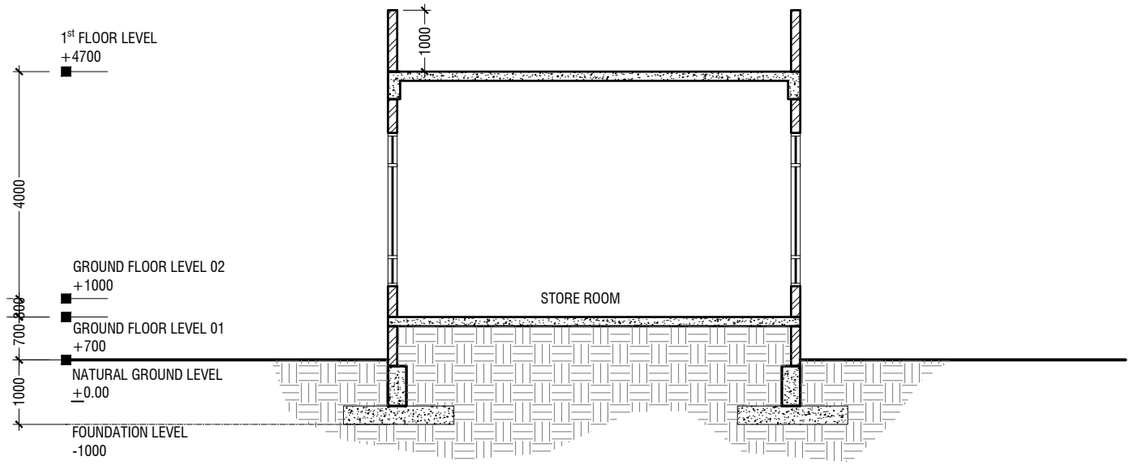
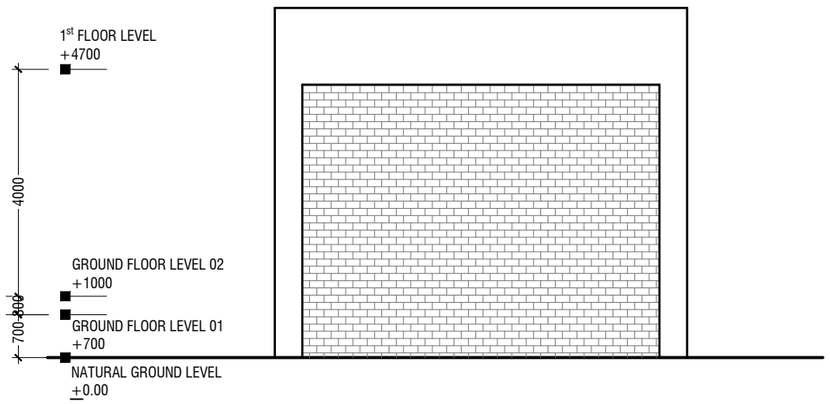


SECTION X-X

SCALE 1:100

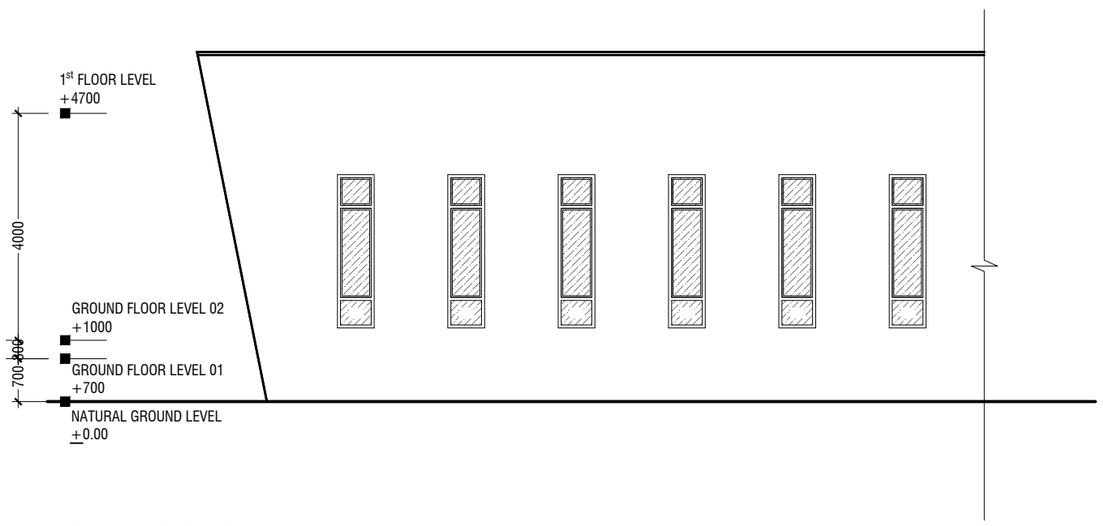
0 0.5 1 2 3 4 5



ELEVATION E1

SCALE 1:100

0 0.5 1 2 3 4 5



ELEVATION E2

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
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02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 02
Section & Elevations
Page: A-05/09

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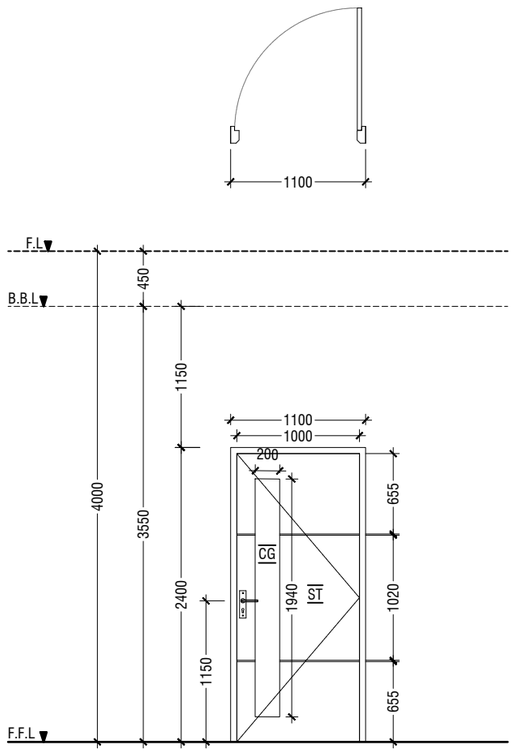
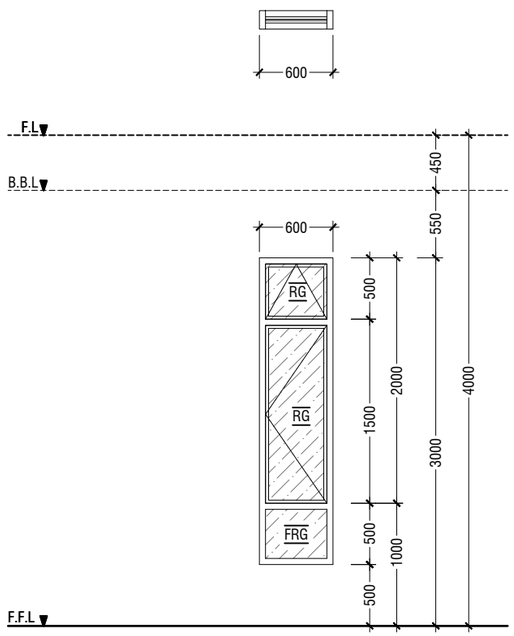
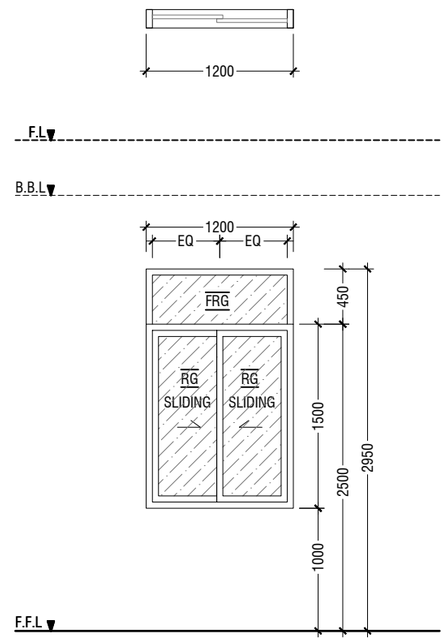


D2	SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 6mm CLEAR GLASS AND10mm GROOVES AS SHOWN.
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	GROUND FLOOR AND FIRST FLOOR
QUANTITY	11 NOS
OPEN AREA	2.34 SQM



W1	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND FLOOR AND FIRST FLOOR
QUANTITY	43 NOS
OPEN AREA	0.95 sqm



W8	SLIDING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS
LOCATION	GROUND FLOOR
QUANTITY	04 NOS
OPEN AREA	0.80 sqm

DOOR / WINDOW SCHEDULE - 1

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- INTERNAL DOORS FRAME DEPTH TO BE WIDTH OF THE WALL.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- ALL EXTERIOR DOORS & WINDOWS SASHES TO BE 100mm WIDE
-ALL BUILDING ENVELOPE GLASSES ARE TO BE SHGC VALUE OF 0.25

LEGEND:-

CG - CLEAR GLASS
FCG - FIXED CLEAR GLASS
FG - FROSTED GLASS
FFG - FIXED FROSTED GLASS
RG - REFLECTED GLASS
FRG - FIXED REFLECTED GLASS
TG - TEMPERED CLEAR GLASS
AL - ALUMINIUMN LOUVERS
ST - SOLID TIMBER
T - TIMBER
PVC - POLYVINYL CHLORIDE

SCHEDULE OF VENTILATION

Room name/ Number	Room Areas (sqm) (Specify centre to centre or clear)	Window (opening) number	Required opening areas (sqm)	Designed opening areas (sqm)	Open %
Ground Floor					
Consultants Room 01	15.60	W1,W1	1.56	1.9	12.18%
Consultants Room 02	15.60	W1,W1	1.56	1.9	12.18%
Store Room	23.44	W1,W1,W1,W1	2.344	3.8	16.21%

VENTILATION SCHEDULE

SCALE NTS

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Maryam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 02
Door&Window Schedule
Page: A-6/09

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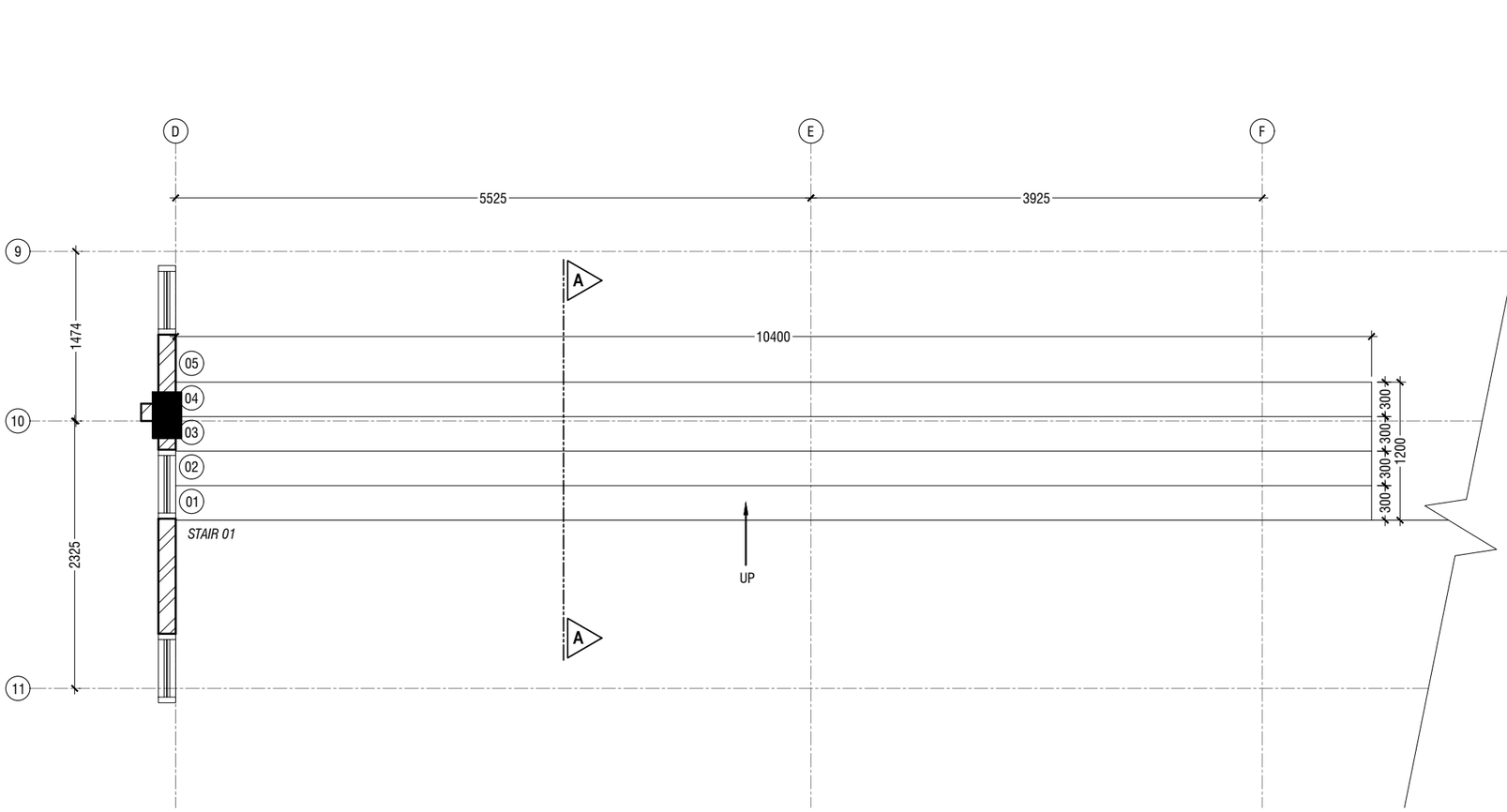
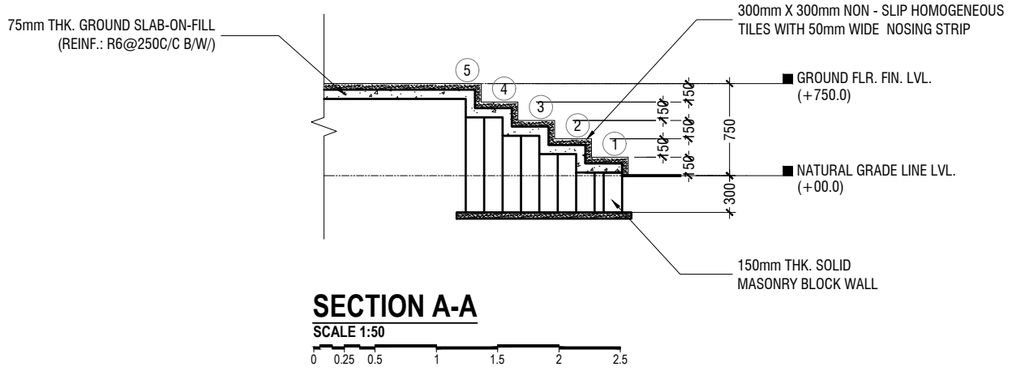


STAIRCASE 01 PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



SECTION A-A

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

STAIRCASE DETAILS -01

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
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Drawn by : Prabhakaran Nadimuthu
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Title: Phase 02
Staircase Detail
Page: A-7/09

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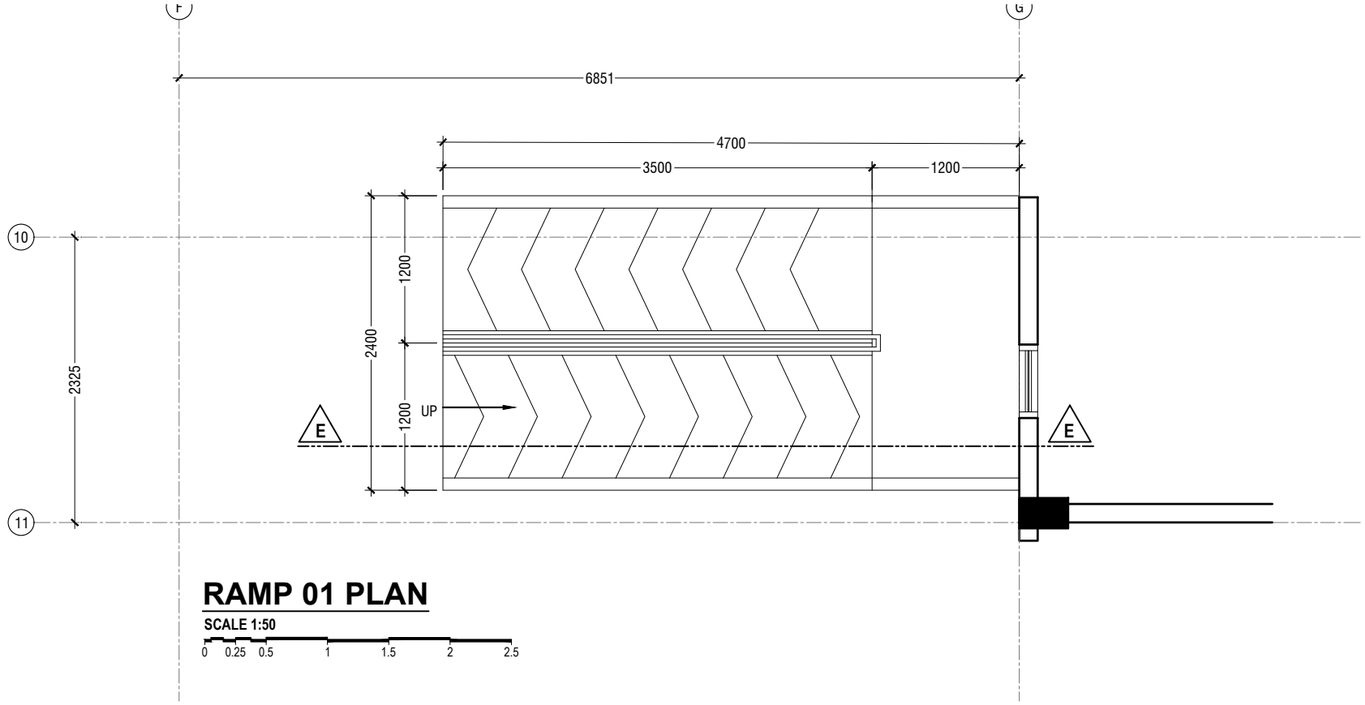
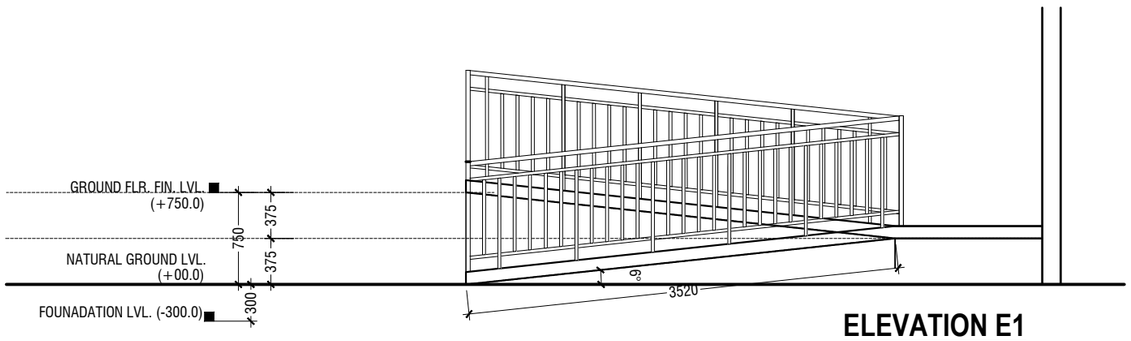


RAMP 01 PLAN

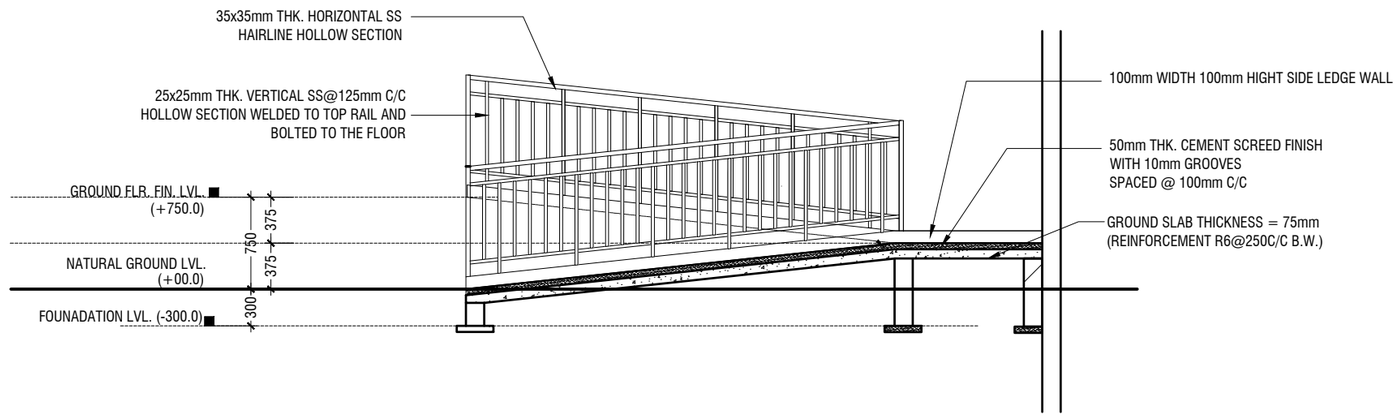
SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



ELEVATION E1

SCALE 1:50



SECTION E - E

SCALE 1:50

RAMP DETAILS - 01

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
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Title: Phase 02
Ramp detail
Page: A-08/09

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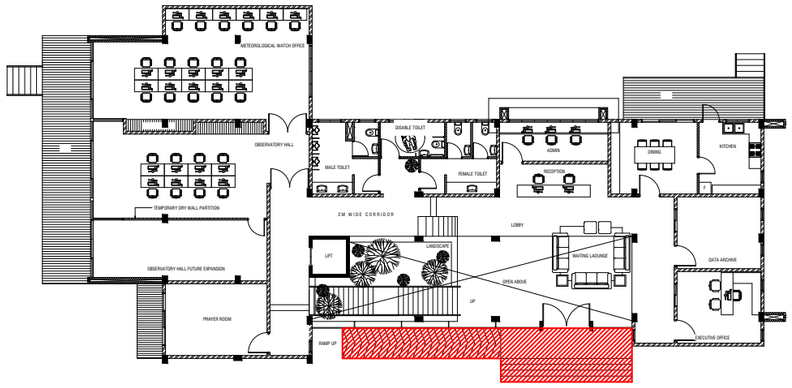
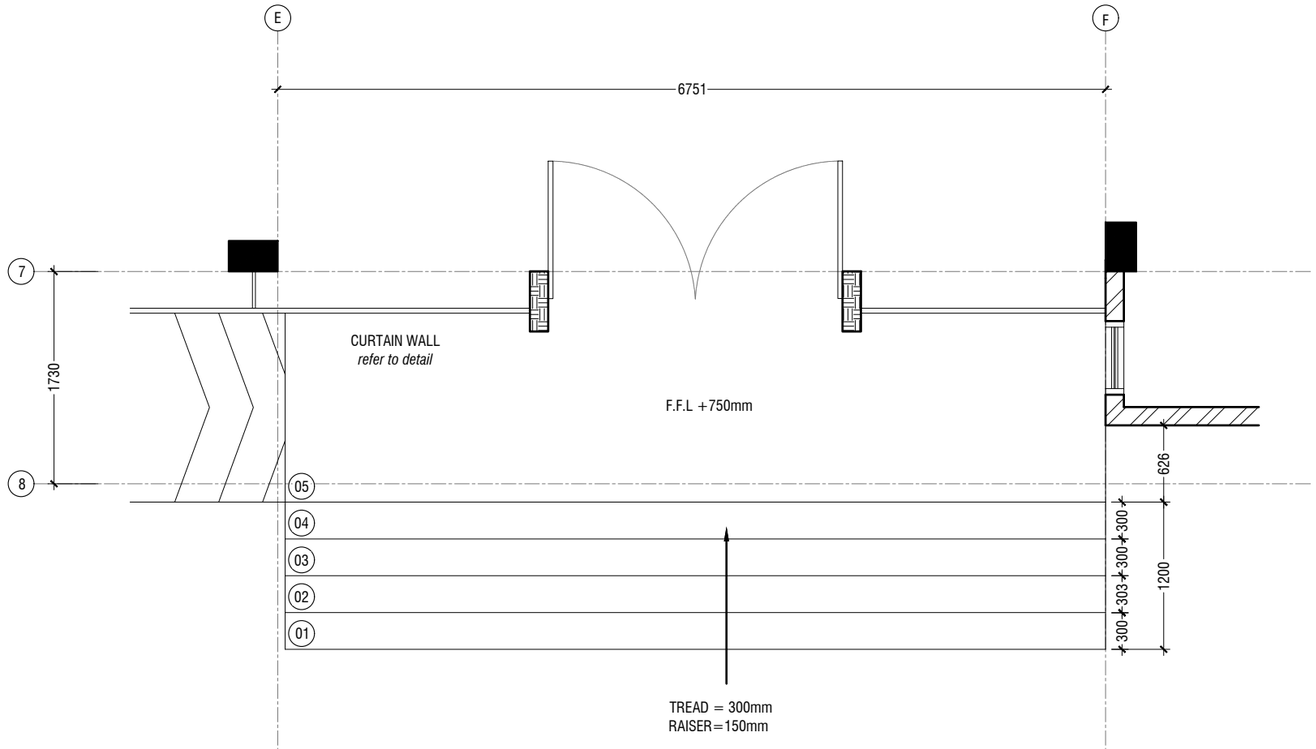


STAGE 1 STRUCTURES TO BE DEMOLISHED IN STAGE 2

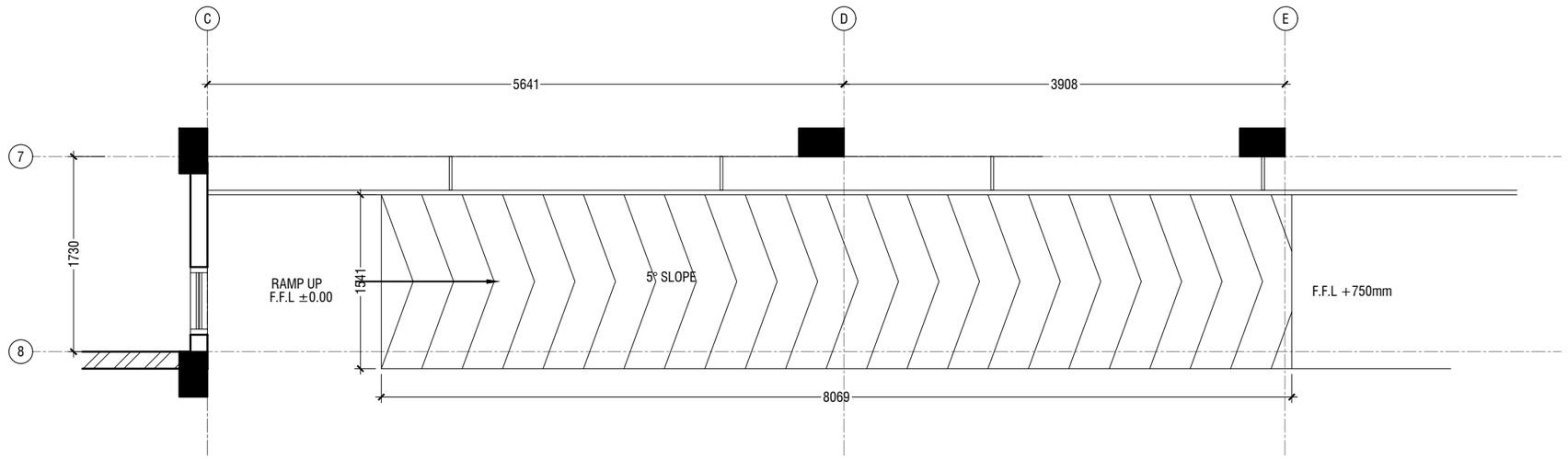


STAIRCASE TO BE DEMOLISHED

STAIRCASE 04 PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



RAMP TO BE DEMOLISHED

ENTRANCE RAMP

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 02
Demolision plan
Page: A-09/09

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GENERAL NOTES

THE GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS.
REGARDLESS OF WHETHER OR NOT SHOWN IN DRAWINGS OR OTHER TENDER DOCUMENTS, THE STANDARD PROVISIONS SPECIFIED HEREUNDER FOR COMPLIANCE BY THE CONTRACTOR SHALL APPLY TO ALL RELEVANT PORTIONS OF THE STRUCTURAL WORKS AND SHALL FORM PART OF THIS CONTRACT.

1.0 VERIFICATION OF DIMENSIONS AND LEVELS

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS ON SITE, AND RESOLVE ALL DISCREPANCIES WITH THE ARCHITECT OR ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- DRAWING INDICATES GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE OF SIMILAR CHARACTER TO DETAILS SHOWN AND ALTHOUGH NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECTED TO REVIEW BY THE ENGINEER.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS IN THE CONTRACT DRAWINGS.
- DISCREPANCIES IN DRAWINGS ARISING FROM SUCH VERIFICATION WORKS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

2.0 SHOP DRAWINGS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF ALL WORKS AND SHALL TAKE SITE MEASUREMENTS PRIOR TO THE PREPARATION OF ANY SHOP DRAWINGS OR BEFORE COMMENCING FABRICATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL SPECIALIST TRADES, SUCH AS PRESTRESSING, CURTAIN WALLING, ETC. FOR REVIEWS AND COMMENTS BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK. SUCH SHOP DRAWINGS SUBMITTED SHALL INCORPORATE ALL NECESSARY CONNECTION DETAILS TO THE STRUCTURAL MEMBERS SUCH AS CAST-IN INSERTS, EMBEDDED PLATES, ETC.

3.0 INCORPORATION OF M&E REQUIREMENTS IN THE STRUCTURE

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF STRUCTURAL, M & E PENETRATION DRAWINGS OF SERVICES AND SUBMIT SUCH SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEWS AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- THESE SHOP DRAWINGS SHALL INCORPORATE ALL MECHANICAL, ELECTRICAL AND SANITARY WORKS TO BE EMBEDDED IN CONCRETE AND ALL OPENINGS FOR ALL PIPE OR DUCT WORKS, BASED ON THE REQUIREMENTS OF M & E DRAWINGS IN HIS POSSESSION.
- HE SHALL CHECK AND RESOLVE ALL DISCREPANCIES WITH THE RESPECTIVE ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

4.0 LEAN CONCRETE FOR SUSPENDED STRUCTURES

- UNLESS OTHERWISE STATED, 50 MM THICK LEAN CONCRETE WITH A MINIMUM 28-DAY CUBE STRENGTH OF 15N/MM2 SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF STRUCTURAL CONCRETE MEMBERS.

5.0 STRUCTURAL ELEMENTS ON GRADE

- UNLESS OTHERWISE STATED, A SINGLE LAYER OF 0.25 MM(HEAVY DUTY) POLYTHENE SHEET, OR EQUIVALENT THERMOPLASTIC MATERIAL, LAID OVER A COMPACTED 60 MM THICK LAYER OF HARD CORE BLINDED WITH SAND TO PREVENT GROUT LOSS FROM SEEPAGE INTO THE GROUND SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF THE NON-SUSPENDED SLABS.

6.0 SUBGRADE UNDER STRUCTURAL ELEMENTS

- WHERE THE CONTRACTOR REQUIRES REMOVAL AND SUBSEQUENT BACKFILL OF SUBGRADE PRIOR TO CASTING OF PILECAP/WALL/BEAM/SLAB, HE SHALL ENSURE THAT THE BACKFILL IS OF APPROVED MATERIAL AND THAT THE BACKFILL SHALL BE REASONABLY COMPACTED TO ENSURE THAT THE COMPACTED SOIL IS ABLE TO WITHSTAND THE WEIGHT OF THE WET CONCRETE. THE CONTRACTOR SHALL EXERCISE PROPER SKILL AND CARE TO AVOID DAMAGE TO ADJACENT INSTALLED STRUCTURES ARISING FROM HIS CONSTRUCTION SEQUENCE.

7.0 WATERPROOFING FOR STRUCTURES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND METHOD STATEMENTS FOR THE ENGINEER'S APPROVAL PRIOR TO COMMENCEMENT OF WORK. REQUIRED SHOP DRAWING DETAILS INCLUDE BUT ARE NOT LIMITED TO TREATMENT OF FLASHINGS, WATERSTOP AT CONSTRUCTION JOINTS, WALL AND SLAB PENETRATIONS.
- ALL PENETRATIONS THROUGH STRUCTURAL ELEMENTS SHALL BE CAST-IN, SLEEVED AND PROVIDED WITH APPROVED PUDDLE FLANGE DETAIL. IF FOR ANY REASON THE CONTRACTOR IS UNABLE TO LAY WATERSTOP AT CONSTRUCTION JOINTS AS INDICATED IN THE DRAWINGS, HE SHALL AT HIS OWN EXPENSES PROVIDE ADEQUATE GROUT TUBES FOR WATERPROOF PRESSURE GROUTING TO ENSURE WATERTIGHTNESS OF THE JOINT.
- ALL GROUT TUBES SHALL BE MARKED AND PROTECTED FROM BLOCKAGE.
- BACKFILLING OPERATIONS AGAINST VERTICAL SURFACE SHALL BE CARRIED OUT AS SOON AS THE WATERPROOFING BARRIER IS INSTALLED TO THE SATISFACTION OF THE ENGINEER.

8.0 CASTING LAYERS

- INCLINED CASTING LAYERS AND INCLINED CONSTRUCTION JOINTS SHALL BE AVOIDED.
- HORIZONTAL CASTING LAYERS SHALL NOT IN GENERAL EXCEED 0.6 M THICKNESS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

9.0 FOUNDATIONS

- ALL FOUNDATIONS HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 150 KN/M.
- ALL BACKFILL SHOULD BE DONE WITH MATERIALS APPROVED BY THE CONSULTANT AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
- WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
- IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
- IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE BELOW LEVEL OF FOUNDATIONS.
- THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGH OUT THE CONSTRUCTION PERIOD. RESTORING WATER TABLE CAN BE DONE AFTER BACKFILLING AND COMPACTION UP TO THE SLAB ON GRADE LEVEL, OR AS DIRECTED BY THE ENGINEER.
- NO BACK FILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

10.0 CONSTRUCTION LOAD AND SHORING

- CONSTRUCTION LIVE LOAD IMPOSED ON ANY SINGLE FLOOR SHALL NOT EXCEED 1.5 KN/M2. UNLESS OTHERWISE APPROVED BY THE ENGINEER, DEAD LOAD OF THE TOP CONSTRUCTION FLOOR SHALL BE SUPPORTED BY TWO COMPLETED FLOORS DIRECTLY BELOW IT.
- PROPS TO BEAMS AND SLABS AT ANY FLOORS SHALL NOT BE REMOVED UNTIL THE TWO IMMEDIATE FLOORS ABOVE THAT LEVEL ARE CAPABLE OF SUPPORTING THEMSELVES AS WELL AS ANY LOADS IMPOSED DURING CONSTRUCTION. CONSIDERATIONS GOVERNING REMOVAL OF PROPS INCLUDE BUT ARE NOT LIMITED TO THE ATTAINMENT OF 28-DAY STRENGTH FOR THE CONCRETE, DESIGN LOAD CAPACITY OF THE FLOOR UNDER REVIEW AND THE COMPLETION OF PRESTRESSING AND GROUTING OPERATIONS IN THE CASE OF A PRESTRESSED STRUCTURAL FLOOR SYSTEM.

- PROPS SHALL BE LEFT IN PLACE FOR SUPPORTING THE CONSTRUCTION LOADS APPROVED BY THE ENGINEER.
- NO ALLOWANCE HAS BEEN MADE IN THE DESIGN OF THE PERIMETER BEAMS/WALLS FOR THE SUPPORT OF TEMPORARY SCAFFOLDINGS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER TO DESIGN AND STRENGTHEN THE BEAMS/WALLS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER CHECK THE ADEQUACY OF SHORING DETAIL PROVIDED PROCEEDING THE WORK, AS SHORING WAS DESIGNED, CONSIDERING THE STATUS OF THE BUILDING AT THE TIME OF DESIGN.

11.0 CONCRETE COVER

- MINIMUM COVER TO OUTERMOST REINFORCEMENT INCLUDING LINKS SHALL BE AS FOLLOWS.

STRUCTURAL ELEMENT	COVER (mm)
RAFT BEAM & SLAB (EARTH FACE)	60
RAFT BEAM & SLAB (INTERNAL FACE)	60
COLUMN	40
BEAM	35
BEAM (EXTERNAL FACE)	40
SLAB	30
INTERNAL WALL	30
EXTERNAL WALL	40

- NOTE: EARTH FACE COVER OF BEAMS, COLUMNS & WALLS SHOULD BE 50mm

12.0 MATERIAL STRENGTHS

12.1 CONCRETE

- UNLESS OTHERWISE STATED, ORDINARY PORTLAND CEMENT CONFORMING TO BS 12, TO BE USED FOR ALL THE RC STRUCTURAL ELEMENTS.
- THE MINIMUM 28-DAY COMPRESSIVE CUBE STRENGTH OF CONCRETE FOR SPECIFIED STRUCTURAL ELEMENTS SHALL BE AS FOLLOWS UNLESS OTHERWISE STATED:

MAIN BUILDING	
LEAN CONCRETE	15 N/mm2
MASS CONCRETE	30 N/mm2
COLUMN, BEAM AND SLAB	30 N/mm2
EXTERNAL WORK	
PAVEMENTS	30 N/mm2
ALL OTHERS (CULVERT, DRAINS, MANHOLE, ETC)	30 N/mm2
FOUNDATION	
PILECAP, FOOTING, RAFT TIE-BEAM, CAPPING BEAM	30 N/mm2

- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.

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Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services' :
Interior' :

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12.2 REINFORCEMENT

- UNLESS OTHERWISE STATED, BAR SIZE 10MM DIAMETER OR LARGER SHALL BE HIGH TENSILE TYPE II DEFORMED BARS. THE MINIMUM YIELD STRENGTH OF STEEL BAR REINFORCEMENT SHALL BE AS FOLLOWS:

MILD STEEL PLAIN BAR	250 N/mm2
HIGH TENSILE TYPE II DEFORMED BAR	415 N/mm2

12.25 REINFORCEMENT ANCHORAGE OR LAPPING IS AS FOLLOWS U.N.O.

	BAR GRADE 415
TENSION	45Ø
COMPRESSION	45Ø

Ø IS DIAMETER OF THE SMALLER SIZED LAPPED BAR.

- NO SPLICE SHALL BE MADE AT POINT OF MAXIMUM STRESS,EG IN BEAMS AND SLABS, THERE SHALL BE NO SPLICING OF TOP BARS OVER SUPPORTS NOR BOTTOM BARS AT MID-SPANS. SPLICES SHALL BE STAGGERED WHEREVER POSSIBLE. LAP LENGTH FOR UNEQUAL SIZE BARS (OR WIRES IN FABRIC) MAY BE BASED UPON THE SMALLER BAR. FOR BUNDLED BARS, THE EQUIVALENT DIAMETER SHALL BE USED. CRANKING OF BARS SHALL NOT EXCEED A SLOPE OF 1:10.
- FOR LAP LENGTH, WHERE SYMBOLS ARE NOT INDICATED, THE TENSION LAP LENGTH SHALL BE FOLLOWED.

13.0 STIRRUPS, LINKS AND TIES

- ALL STIRRUPS, LINKS AND TIES IN BEAMS, COLUMNS AND WALLS RESPECTIVELY SHALL TERMINATE NOT MORE THAN 75mm FROM THE FACE OF ANY ADJACENT STRUCTURAL MEMBERS.

14.0 SLAB DISTRIBUTION BARS

- REGARDLESS OF WHETHER OR NOT SHOWN ON PLAN, ALL DISTRIBUTION BARS FOR SLAB SHALL COMPRISE TYPICALLY ONE OF THE FOLLOWING COMBINATIONS, UNLESS OTHERWISE STATED IN THE RELEVANT DRAWINGS :

SLAB THICKNESS (mm)	MIN. DISTRIBUTION BAR
250 OR LESS	T10-300
GREATER THAN 250 BUT LESS THAN OR EQUAL TO 300	T10-200
GREATER THAN 300 BUT LESS THAN OR EQUAL TO 400	T10-150

15.0 FLOOR RENDERING

- THICKNESS OF SCREED RENDERING/MASS CONCRETE TOPPING EXCEEDING 60 OR MORE SHALL BE REINFORCED WITH ONE LAYER OF R6.

16.0 SHRINKAGE CRACKS

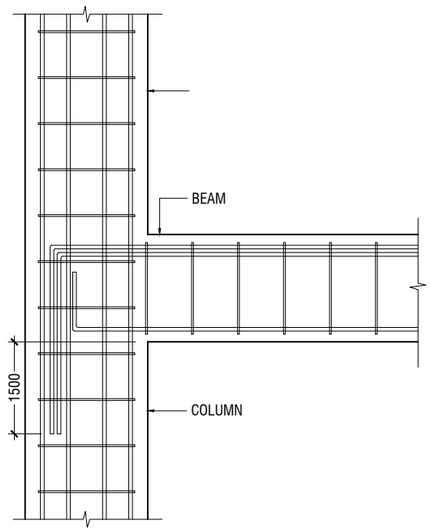
- THE SURFACE OF CONCRETE SHALL BE ADEQUATELY AND CONTINUOUSLY CURED TO SPECIFICATION TO PREVENT FORMATION OF SHRINKAGE CRACKS.THOUGH SHRINKAGE CRACKS HAVE NO EFFECT ON THE STRENGTH AND INTEGRITY OF THE STRUCTURE,THEY SHOULD BE SEALED BY EPOXY PRESSURE GROUTING. ALL COST INCURRED FOR THE NECESSARY SEALING UP OF SHRINKAGE CRACKS BY EPOXY PRESSURE GROUTING SHALL BE DEEMED TO BE INCLUDED IN THE CONCRETE WORK AS TENDERED.

17.0 STEEL BAR CORROSION PROTECTION

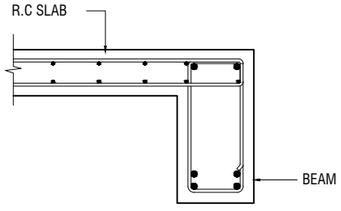
- ALL EXPOSED BARS FOR FUTURE CONSTRUCTION PURPOSES (EXCEEDING 3 MONTHS) MUST BE COATED WITH MASTER EMACO 8100 AP OR APPROVED EQUIVALENT AND PROVIDED WITH ADEQUATE MAINTENANCE.

18.0 SPACER BARS

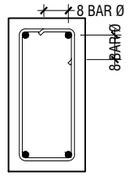
- ALL SPACER BARS BETWEEN 2 OR MORE LAYERS OF REINFORCEMENT SHALL T25 OR BAR DIAMETER (WHICHEVER IS GREATER) AT ±1-5M C/C.



BEAM TO COLUMN CONNECTION

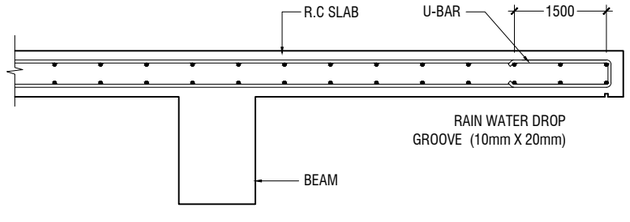


SLAB-BEAM ANCHORAGE DETAIL



Ø = DIA OF LINK

SHEAR LINKS ANCHORAGE DETAIL



CANTILEVERED SLAB EDGE DETAIL

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Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
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Interior :

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19.0 STRUCTURAL TIMBER SPECIFICATION

19.1 THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE, AND ARE NOT INTENDED TO INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND FOR JOB SAFETY.

19.2 THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

19.3 ALL CONSTRUCTION IS IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

19.4 ALL TIMBER FOR STRUCTURAL USE SHALL BE HARDWOOD OR SOFTWOOD OF VISUAL GRADE C/D IN ACCORDANCE WITH BS 5756 WITH THE FOLLOWING MINIMUM GRADE STRESSES:

19.5 CONNECTIONS
PLATES - STAINLESS STEEL GRADE 316 OF STATED THICKNESS
BOLTS - SS GRADE 316

19.6 TIMBER TREATMENT
MOISTURE - PRESSURE IMPREGNATION OF CCA
INSECTS - TERMITE TREATMENT FOR TIMBER IN / NEAR GROUND

20.0 STRUCTURAL STEEL SPECIFICATION

1. SEE 21.0 ON PRIMARY CODES AND SPECIFICATIONS.

2. MATERIALS:

W-SHAPES & WT-SHAPES..... ASTM A992
S-SHAPES, M-SHAPES, HP-SHAPES..... ASTM A36
ST-SHAPES & MT-SHAPES..... ASTM A36
C-SHAPES & MC-SHAPES..... ASTM A36
ANGLES & PLATES..... ASTM A36
HSS SHAPES..... ASTM A500, GRADE B
STEEL PIPE..... ASTM A53 (TYPE E OR S), GRADE B
HIGH STRENGTH BOLTS..... ASTM A325
MACHINE BOLTS..... ASTM A307
ANCHOR RODS.....ASTM F1554, GRADE 55 TYPE S1(UNO)
WELDED HEADED STUDS..... ASTM A108
DEFORMED BAR ANCHORS..... ASTM A496
WELDING ELECTRODES..... AWS D1.1, E70 SERIES

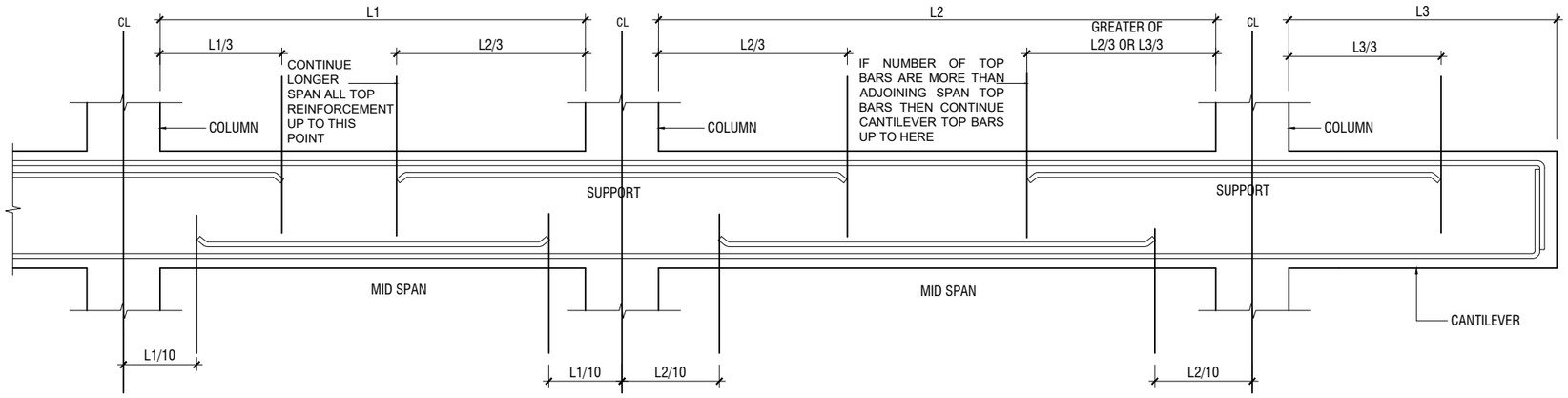
3. NON-SHRINK, NON-METALLIC GROUT WITH A 28 DAY STRENGTH OF 35MPa SHALL BE USED UNDER BASE PLATES AND SHALL CONFORM TO BS EN 12390-3 AND EN 196-1. MASTERFLOW 542 OR EQUIVALENT MAYBE USED.

23.0 POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER OF RECORD (EOR) PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSINGS OR MISPLACED ANCHORS.

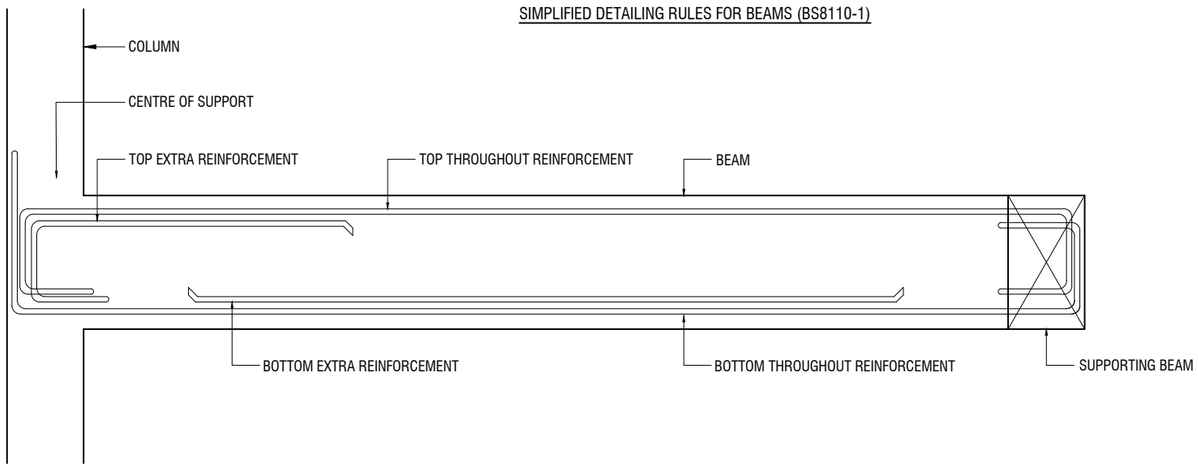
2. CARE SHALL BE GIVEN TO AVOID CONFLICTS WITH EXISTING REINFORCING WHEN DRILLING HOLES. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT NOT LESS THAN MINIMUM EDGE DISTANCES AND/OR SPACINGS INDICATED IN THE MANUFACTURER'S LITERATURE.

3. SPECIAL INSPECTION SHALL BE PROVIDED FOR ALL ADHESIVE AND MECHANICAL ANCHOR INSTALLATIONS AS REQUIRED BY THE EOR. INDEPENDENT ON-SITE PROOF LOAD TESTING SHALL BE PERFORMED AS REQUIRED BY THE EOR. CONTACT EOR FOR NUMBER OF ANCHORS REQUIRED TO BE TESTED AND REQUIRED PROOF LOAD MAGNITUDE.

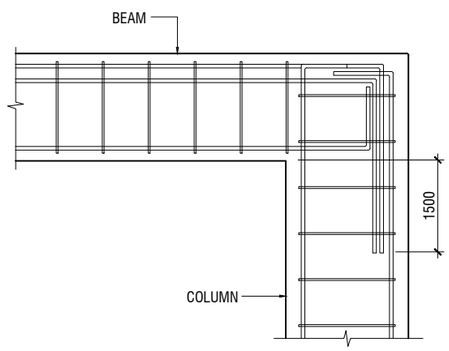


L1 = SHORTER SPAN
L2 = LONGER SPAN
L3 = CANTILEVER LENGTH

SIMPLIFIED DETAILING RULES FOR BEAMS (BS8110-1)



LONGITUDINAL SECTION OF TYPICAL SLAB BEAM SPANNING BETWEEN A COLUMN AND BEAM SHOWING END SPAN MID SPAN REINFORCEMENT DETAILS



END COLUMN TO BEAM CONNECTION

NOTE:
STANDARD DETAILS GIVEN HERE ALSO APPLIES TO FOUNDATION MEMBERS
OTHER DETAILS NOT FOUND HERE SHALL BE REFEREED TO IN RELEVANT BS CODES OR SHALL BE APPROVED BY CLIENT'S ENGINEER

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Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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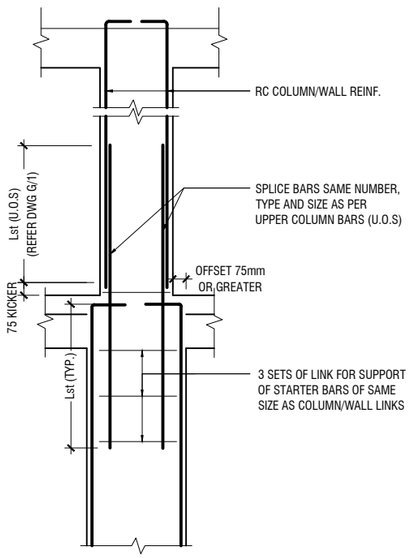
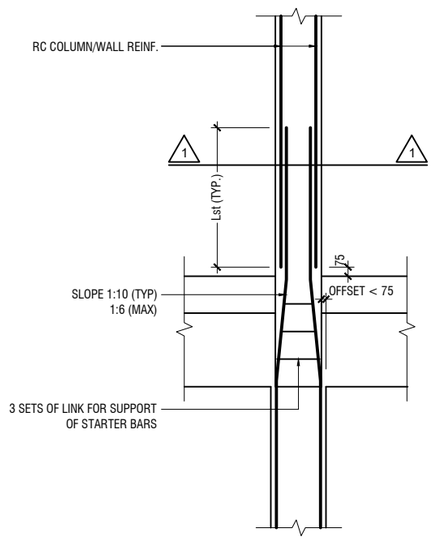


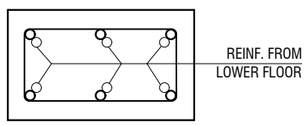
A) FOR COLUMN OFFSET > 75mm

TO BE VERIFIED BY THE CONSULTING ENGINEER

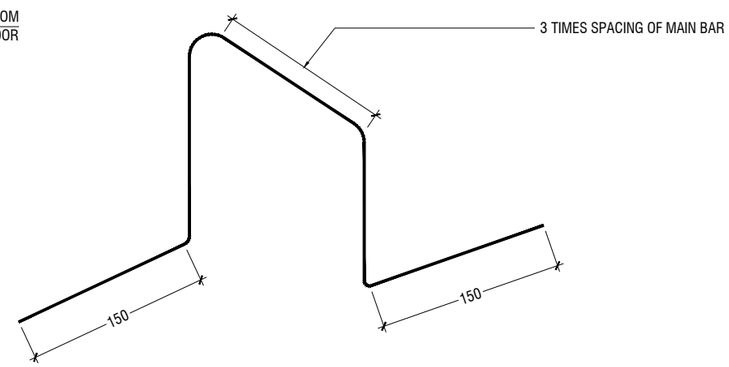


B) FOR COLUMN OFFSET < 75mm

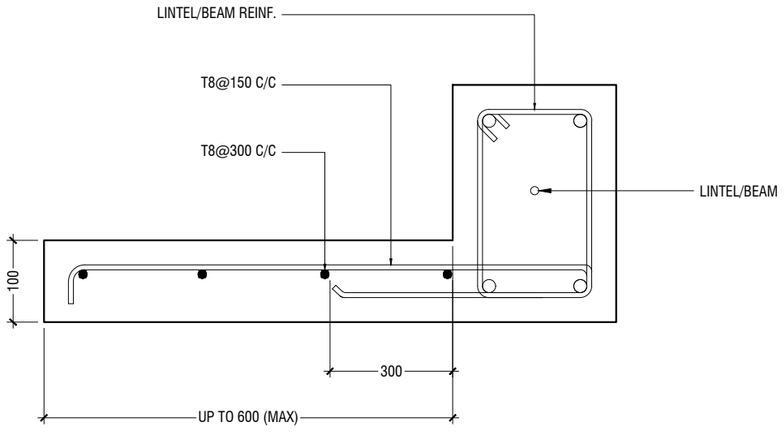
COLUMN/WALL REINF. LAPPING DETAIL AT FLOOR LEVEL



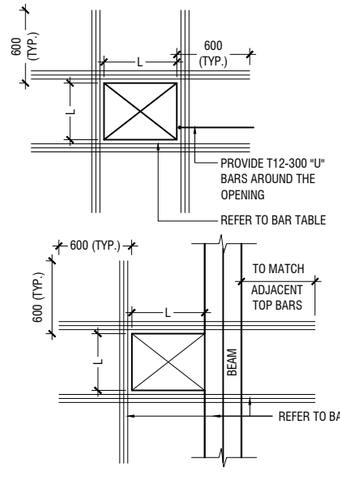
SECTION-1-1



TYPICAL CHAIR DETAIL



TYPICAL CANTILEVER DETAILS



FLOOR OPENING (L)	ADD BARS
LESS THAN 250	3T12 T & B
L = > 250 < 500	3T16 T & B
L = ⩾ 500 < 1000	3T16 T & B

NOTE:-

1. FOR OPENINGS LESS THAN 200x200. SLAB REBARS TO BE ADJUSTED AROUND OPENING.
2. FOR OPENINGS GREATER THAN 250x250 TO BE APPROVED BY THE ENGINEER.
3. ALL SLAB OPENINGS LOCATION TO BE APPROVED BY THE ENGINEER.
4. EQUIVALENT OPENING AREA SHALL APPLY THE DETAILS SHOWN ABOVE.
5. EQUIVALENT OPENING AREA SHALL INCLUDE RECTANGLE, TRIANGLE AND ANY POLYGON SHAPE.
6. EXCEPT HACKING, NO SLAB CORING ARE ADVISABLE FOR POST-TENSIONED SLAB.

TYPICAL TRIMMER BARS DETAILS FOR OPENING IN SLABS

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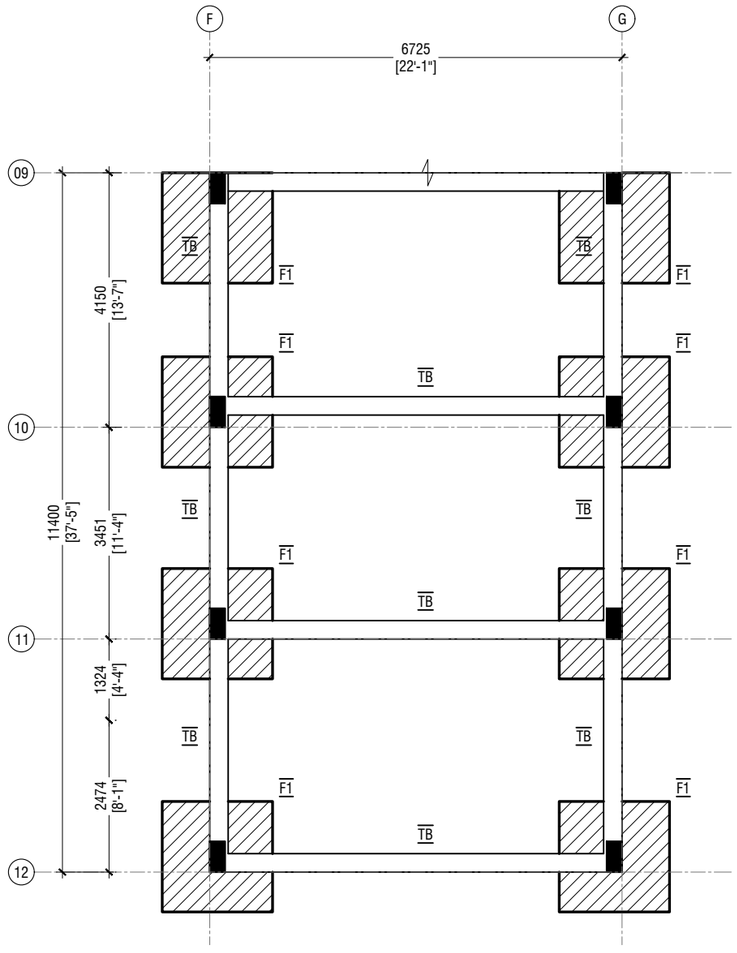


FOUNDATION PLAN

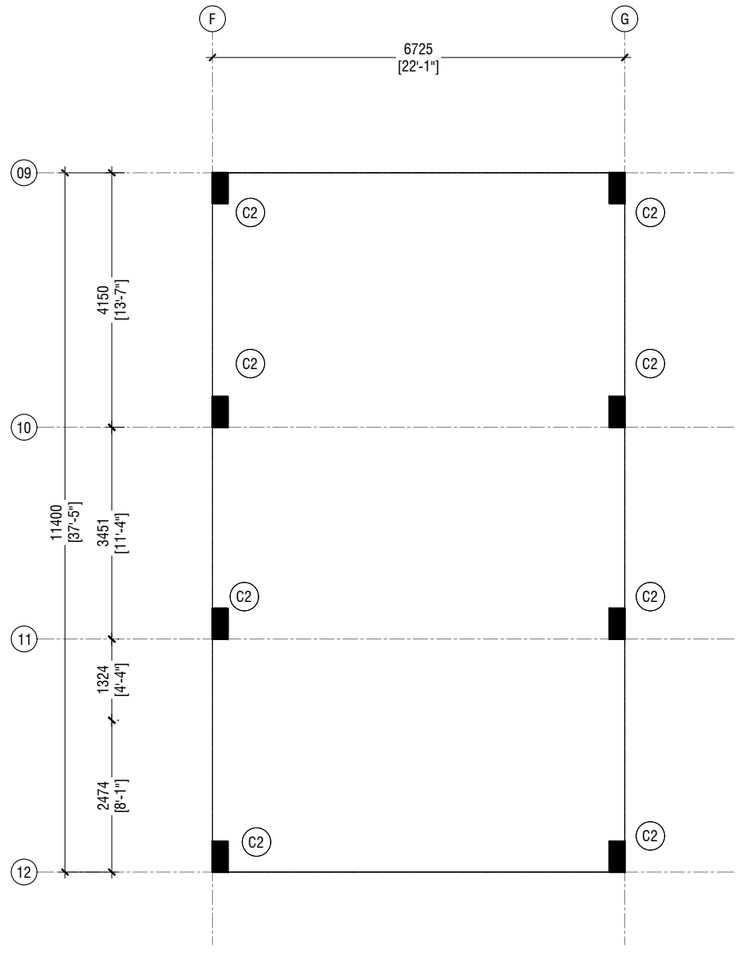
SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

FI - 1800mmX1800mmX300mm, FOUNDATION DEPTH - 1m

FOOTING FOR LIFT - 3mX3mX300mm, FOUNDATION DEPTH - 1.4m



GROUND FLOOR COLUMN PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

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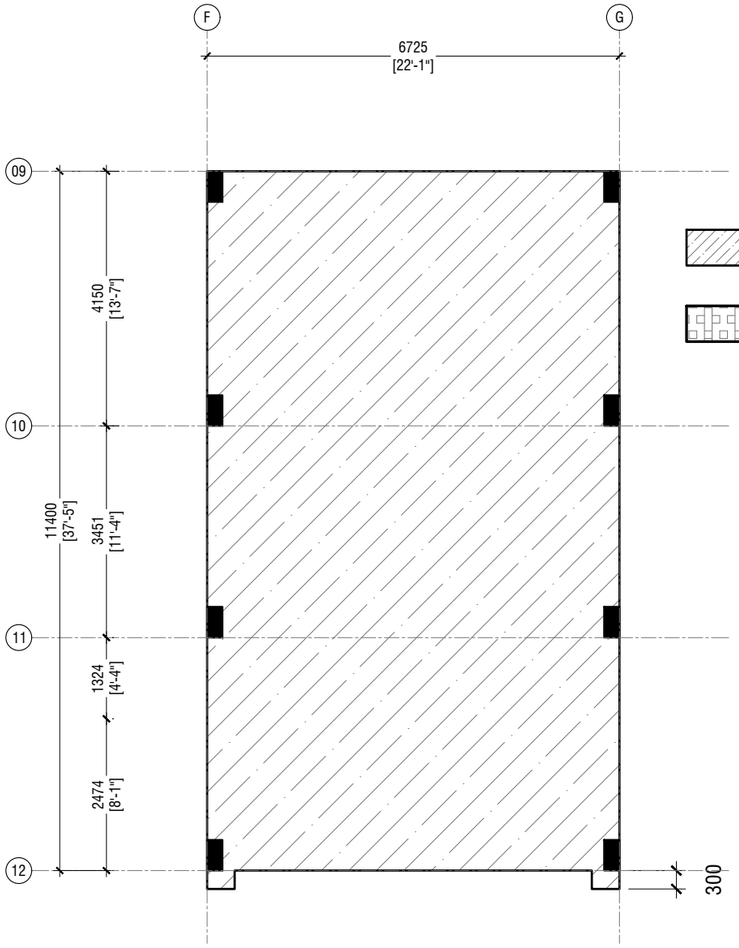


NOTE:-

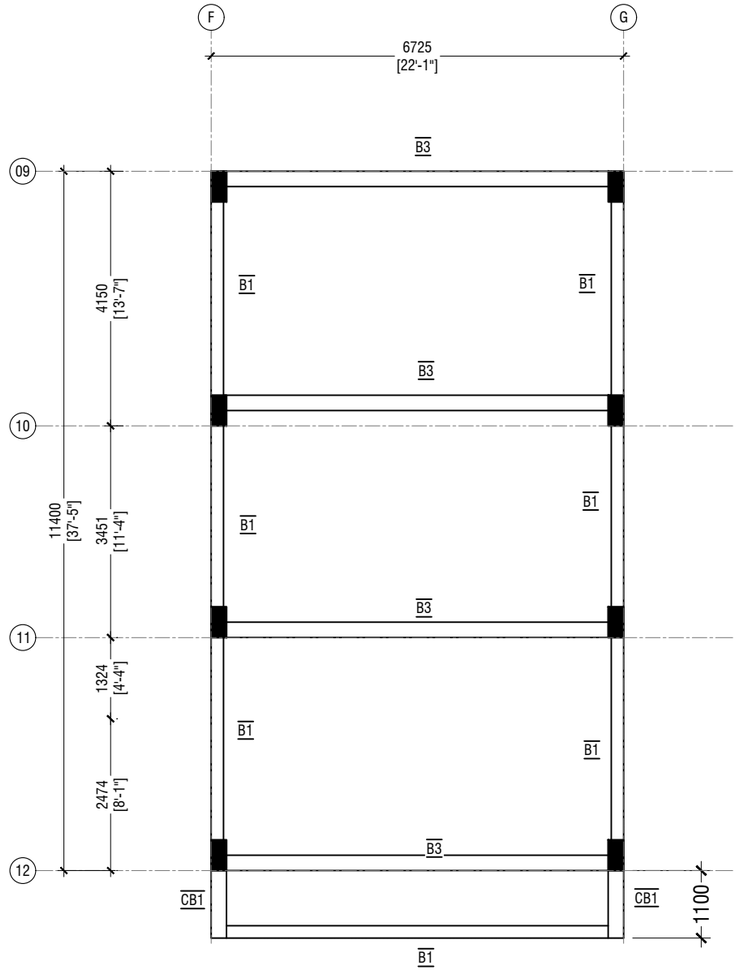
- 150mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +700mm
  BOTTOM - T10@200mmC/C BW
  TOP - T10@200mm C/C BW

- 150mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +1000mm
  BOTTOM - T10@200mmC/C BW
  TOP - T10@200mm C/C BW

GROUND FLOOR SLAB DETAILS

SCALE 1:100

0 0.5 1 2 3 4 5



FIRST FLOOR BEAM PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 02
First floor beam plan
Page: S-06/10

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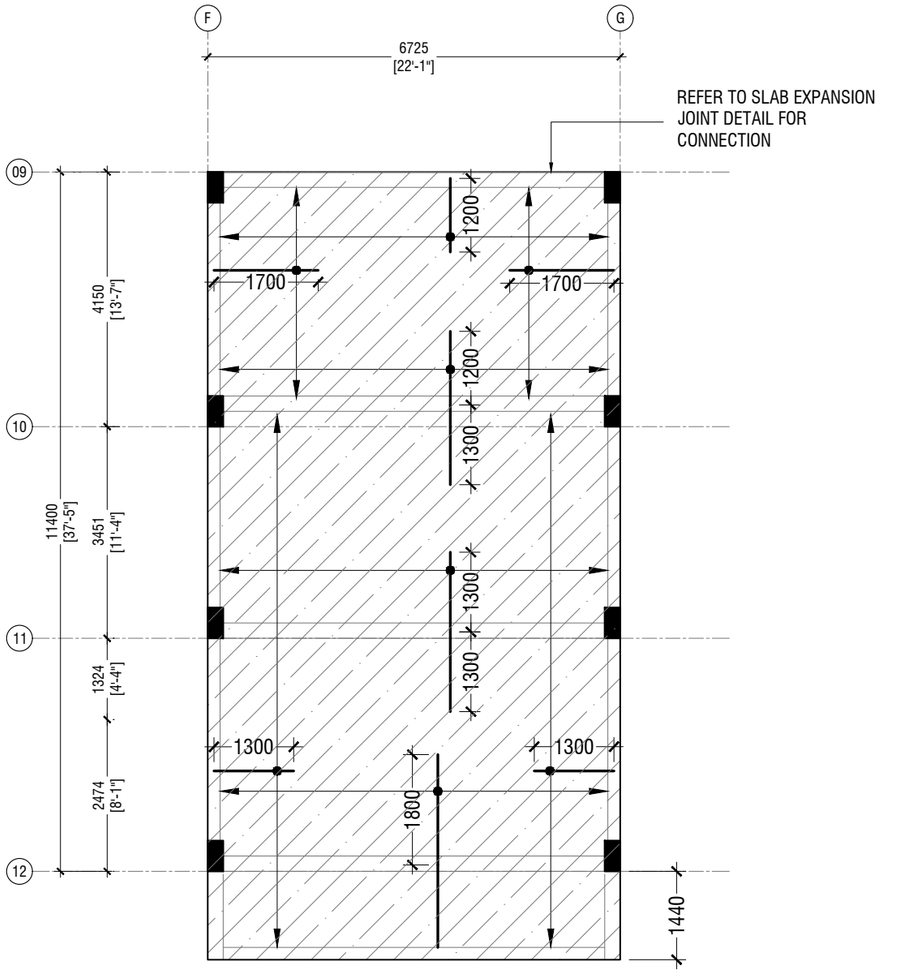

FIRST FLOOR SLAB DETAILS

SCALE 1:100

0 0.5 1 2 3 4 5

NOTE:-

- 150mm THK GROUND FLOOR SLAB ON FILL @ +700mm
  BOTTOM - T10@150mmC/C BW
  TOP - T10@150mm C/C BW

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 02
Slab Reinf. plan
Page: S-07/10

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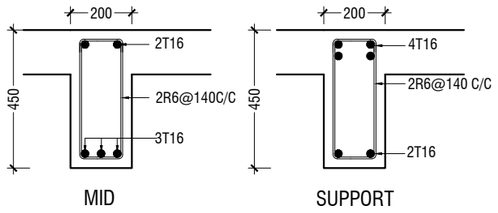
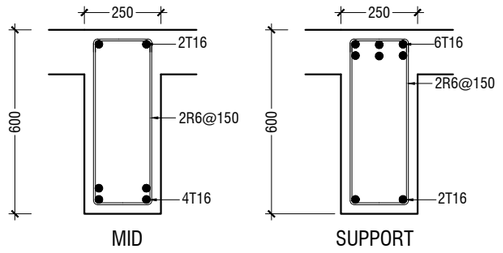
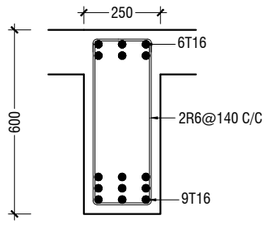
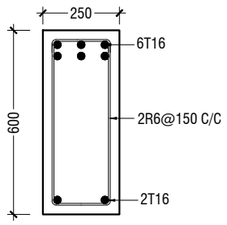
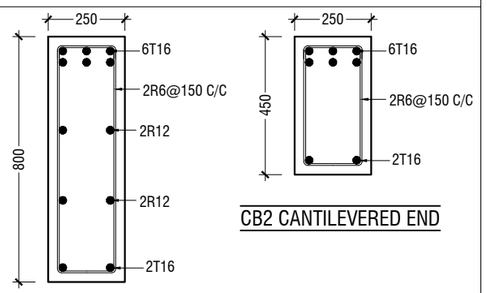
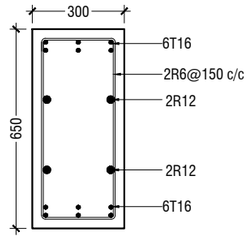
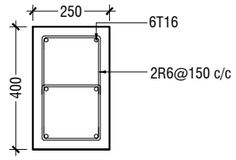
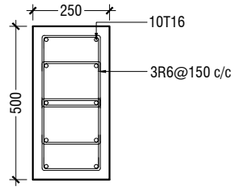
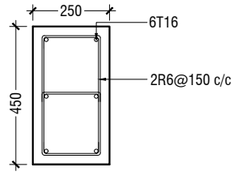
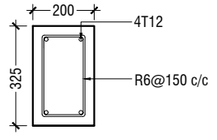
B1	
B2	
B3	
CB1	
CB2	 CB2 CANTILEVERED END
TB	

C1	
C2	
C3	
C4	

COLUMN DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

BEAM DETILS

SCALE 1:20

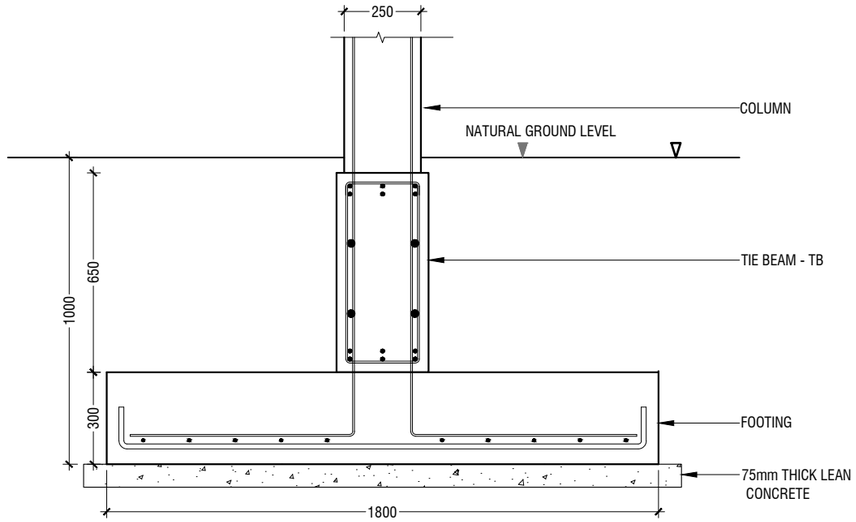
0 0.1 0.2 0.4 0.6 0.8 1

TYPE	SIZE	REINFORCEMENT
F1	1800 X 1800 X 300	T16 @ 200 C/C BW (B)
F2	1350 X 1350 X 300	T12 @ 200 C/C BW (B)
F3	1900 X 1900 X 300	T16 @ 200 C/C BW (B)

FOOTING DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



TYPICAL FOOTING SECTION

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 02
Structural detail
Page: S-08/10

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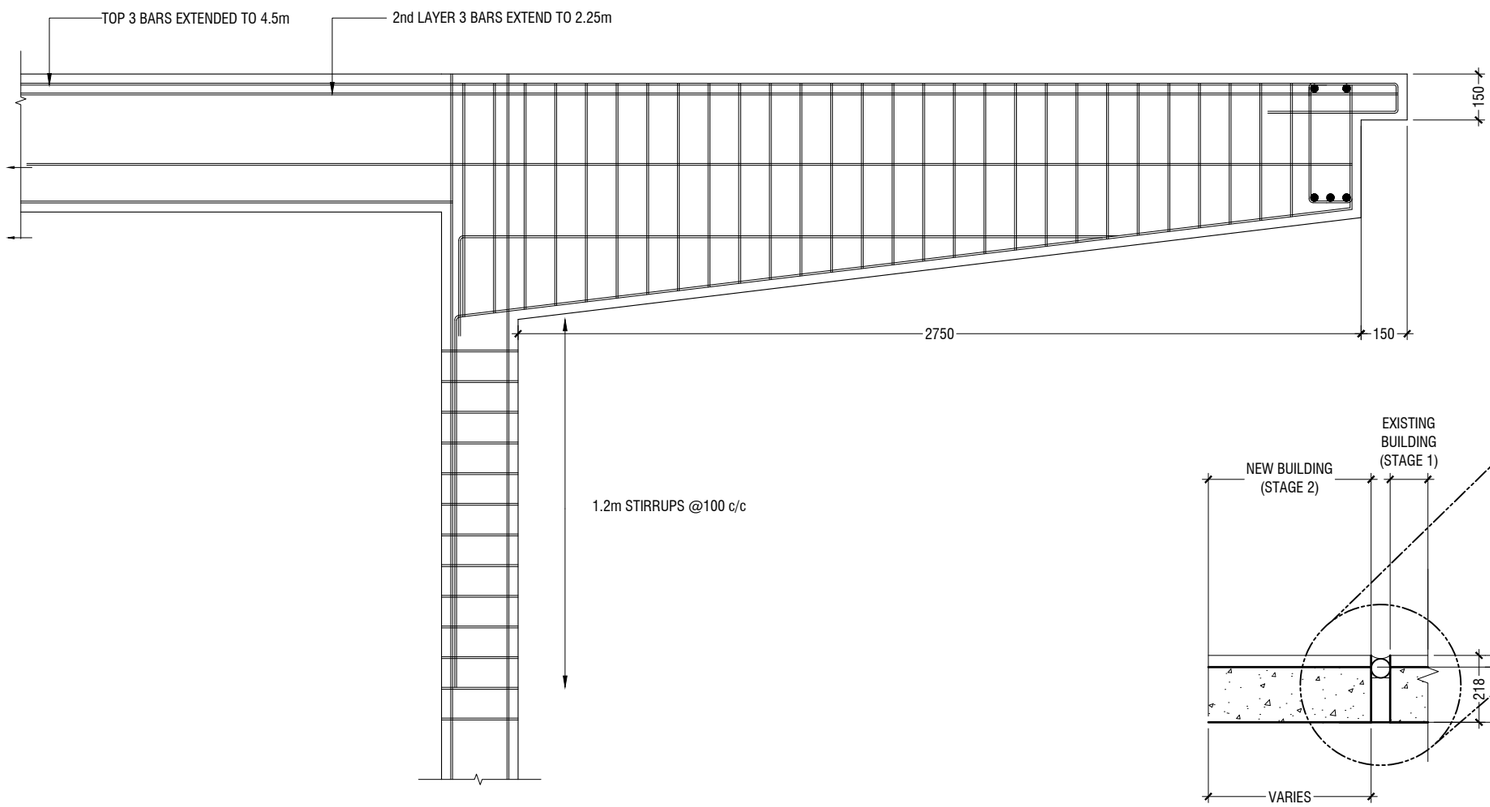
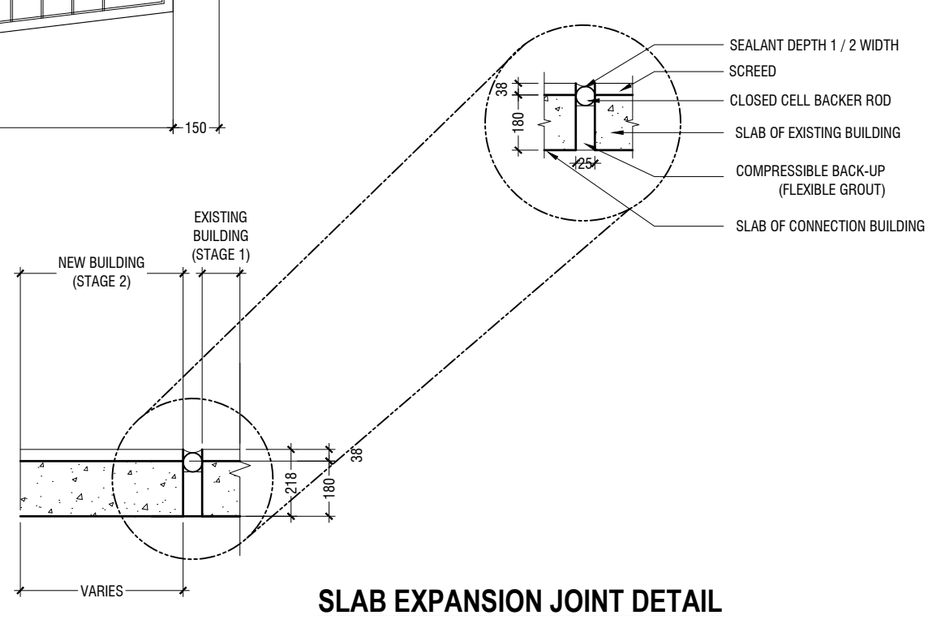


CB2 - TYPICAL SECTION

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



SLAB EXPANSION JOINT DETAIL

SCALE 1:20

STRUCTURAL DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
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Interior :

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Title: Phase 02
Structural details
Page: S-09/10

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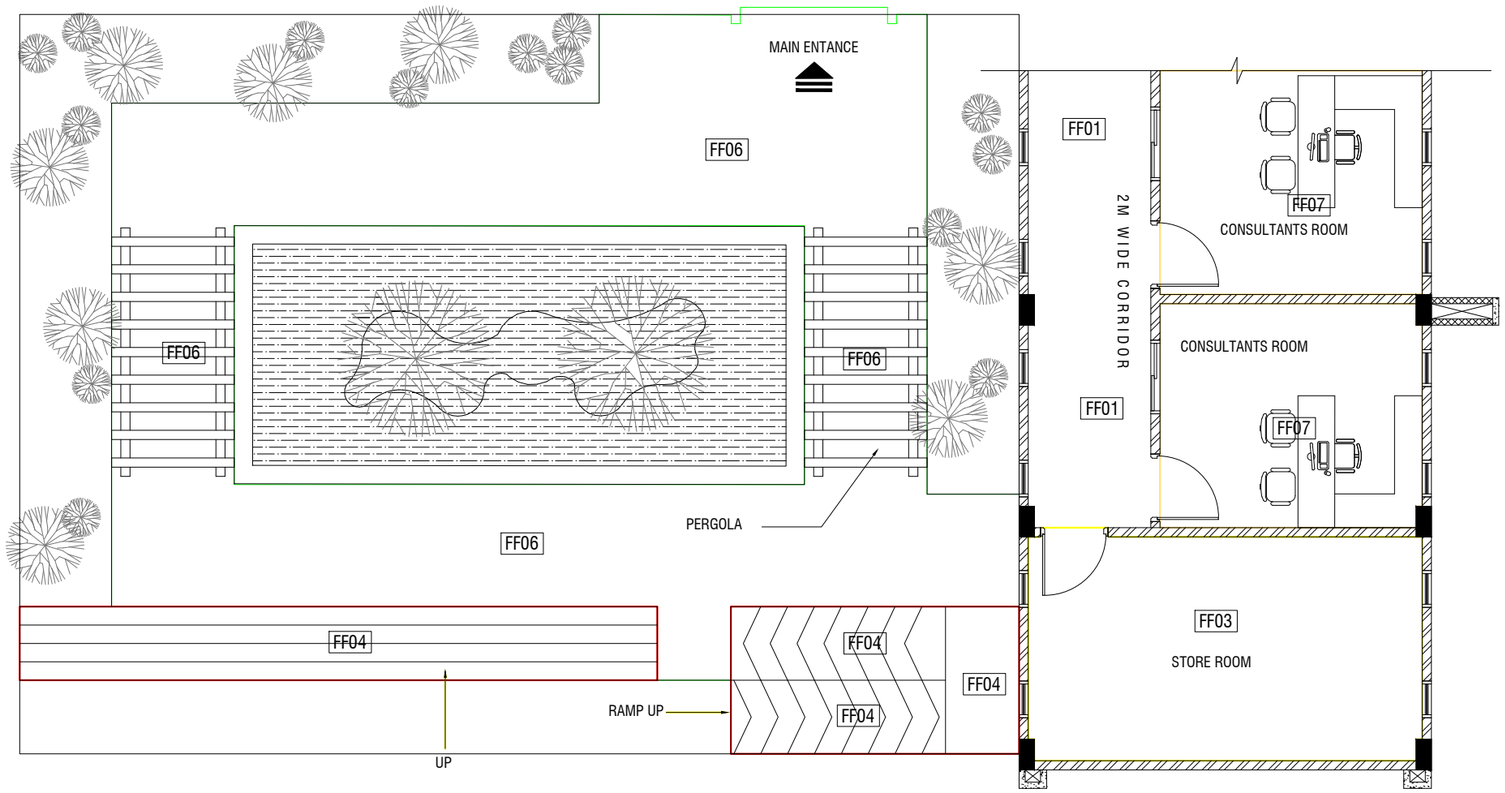

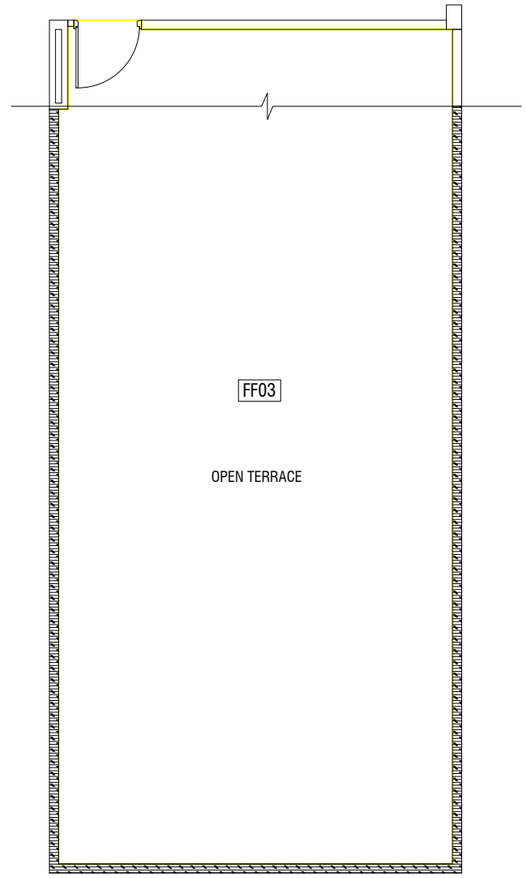

GROUND FLOOR
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

Code		Description
FF01		600mmX600mm Non-Slip Homogenous Floor Tile
FF02		600mmX600mm Non-Slip Ceramic Floor Tile
FF03		Gray Epoxy Paint Finish Over Levellign Screed
FF04		Cement Screeding with 10mm groove finish with elastomeric paint
FF05		300mmX600mm Non-skid Deck Floor Tile
FF06		Paver Block
FF07		600mmX600mm Porcelain Ceramic Floor Tile
FF08		300mmX600mm Non-skid Ceramic Floor Tile
FF09		400mmX400mm Non-Slip Ceramic Floor Tile

FIRST FLOOR
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
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Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 02
Floor finishes plans
Page: F-01 /03

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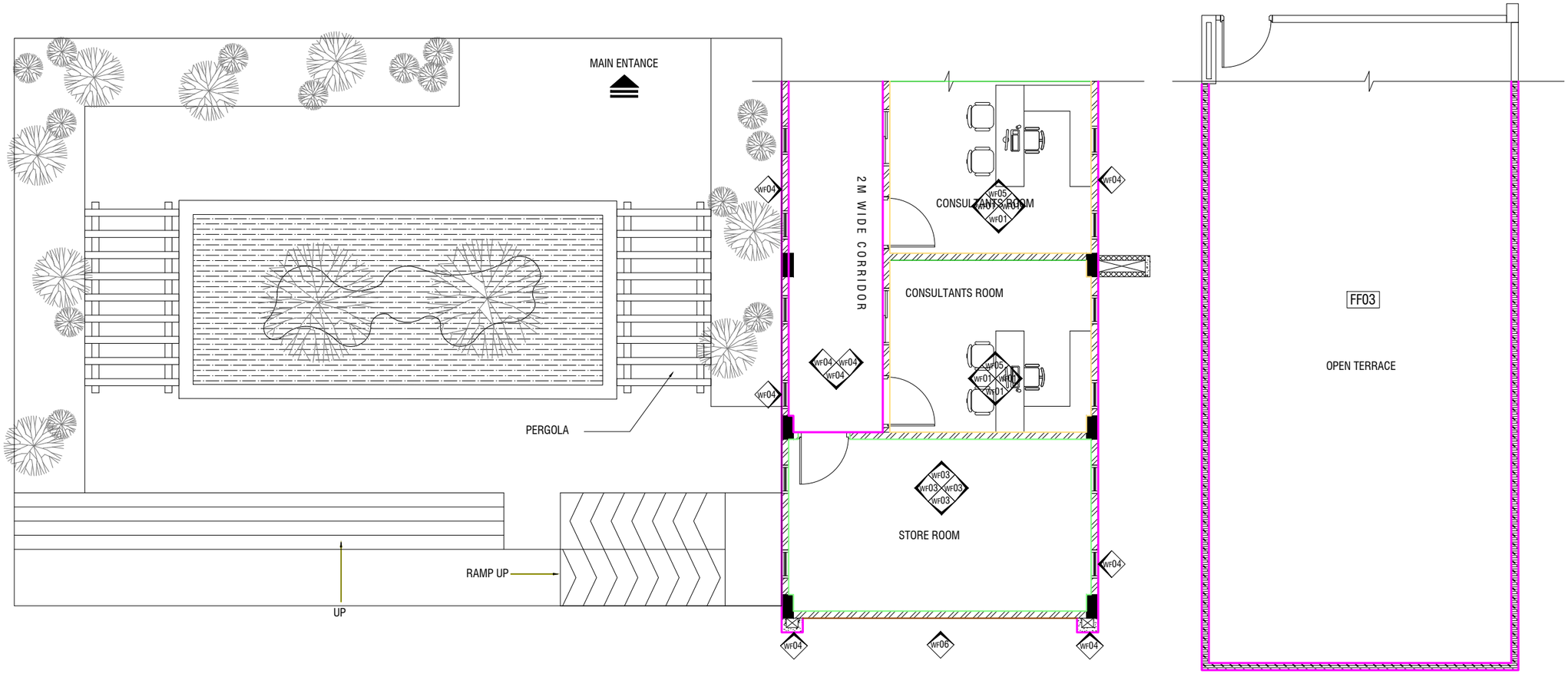

GROUND FLOOR WALL FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

FIRST FLOOR WALL FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

CODE		DESCRIPTION
WF01		Ground Smooth in Matte Interior Grade White Paint Finish
WF02		300mmx600mm Ceramic tiles in Matte Finish
WF03		Ground Smooth in Semi-Gloss Gray Paint Finish
WF04		Ground Smooth in Semi-Gloss Exterior Grade White Paint Finish
WF05		Ground Smooth in Matte Interior Grade Dark Gray Paint Finish
WF06		Cream Color Textured Exterior Wall tile
WF07		Timber Textured Exterior Aluminium Laminate Wall cladding
WF08		Grey Color Exterior Aluminium Laminate Wall cladding
WF09		Exterior Glass Wall

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 02
Wall finishes plan
Page: F-02 /03

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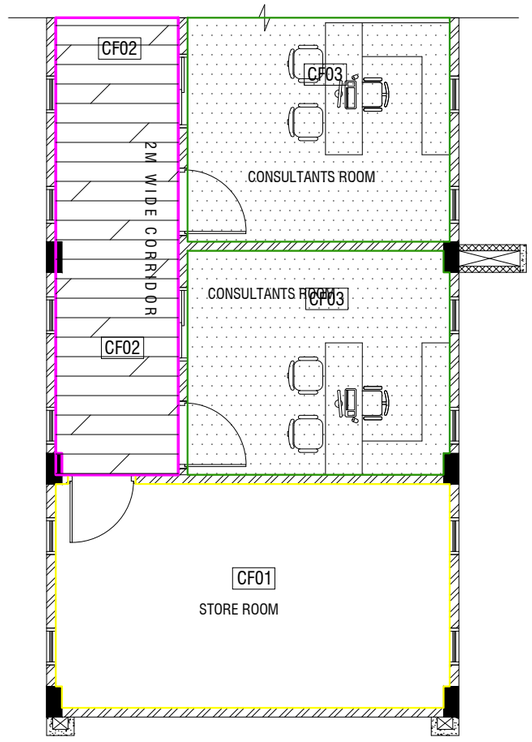

GROUND FLOOR
REFLECTED CEILING PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND

	Code		Description
CF01	CF01		SMOOTH PUTTY UNDER RC SLAB/BEAM WITH SATIN WHITE PAINT FINISH
CF02	CF02		FALSE FLAT CEILING WITH 12mm CALCIUM SILICATE BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH
CF03	CF03		FALSE FLAT CEILING WITH 12mm THICK GYPSUM BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 02
Reflected Ceiling finishes
Page: F-03 /03

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Project: Meteorological Office Building - *Phase 03*
S.Gan - Addu

Client: Maldives Meteorological Service (MMS)

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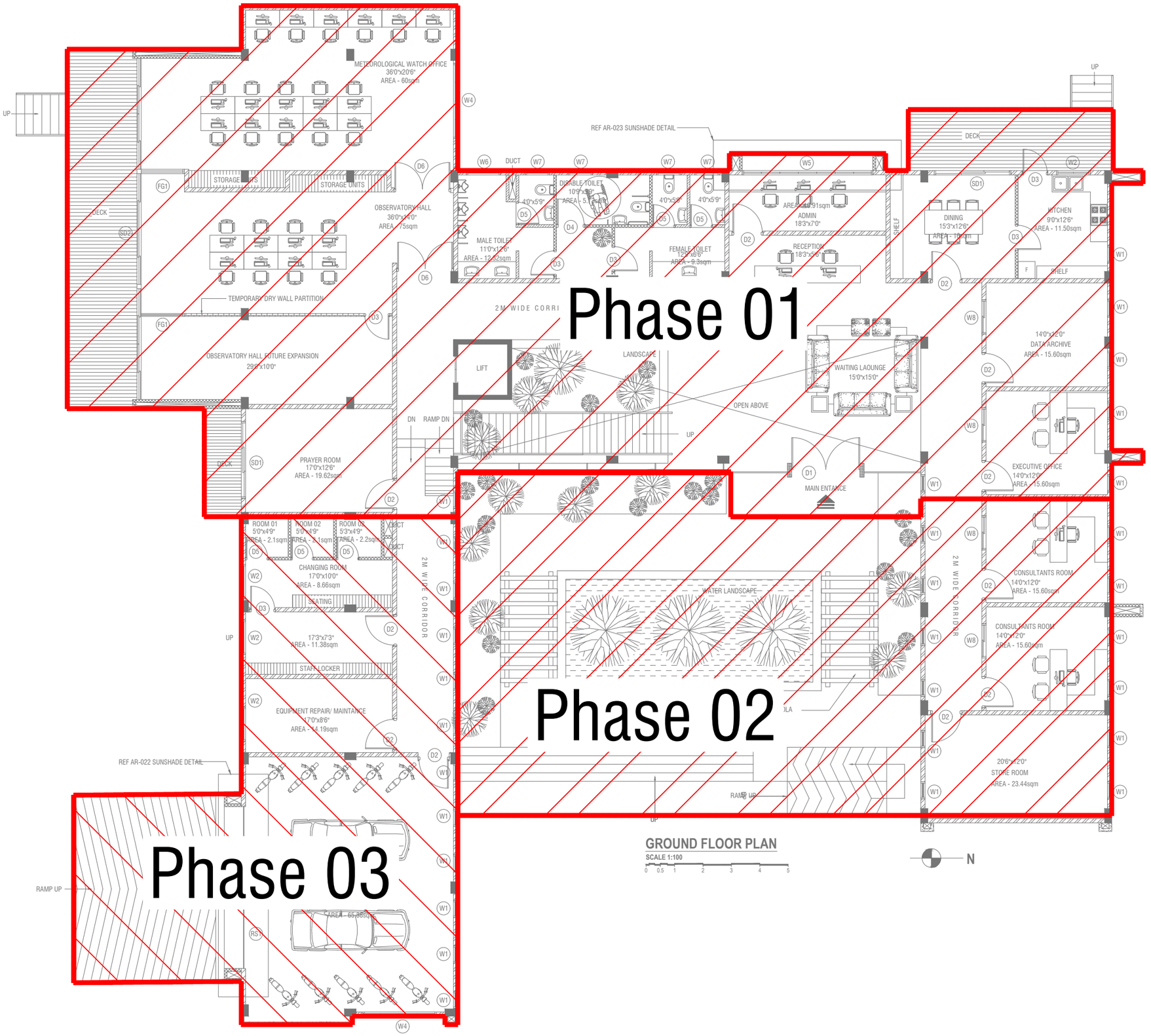

Meteorological Office Building
Client: Maldives Meteorological Service

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Title: Phase 03
Stages plan
Page: A-01/15

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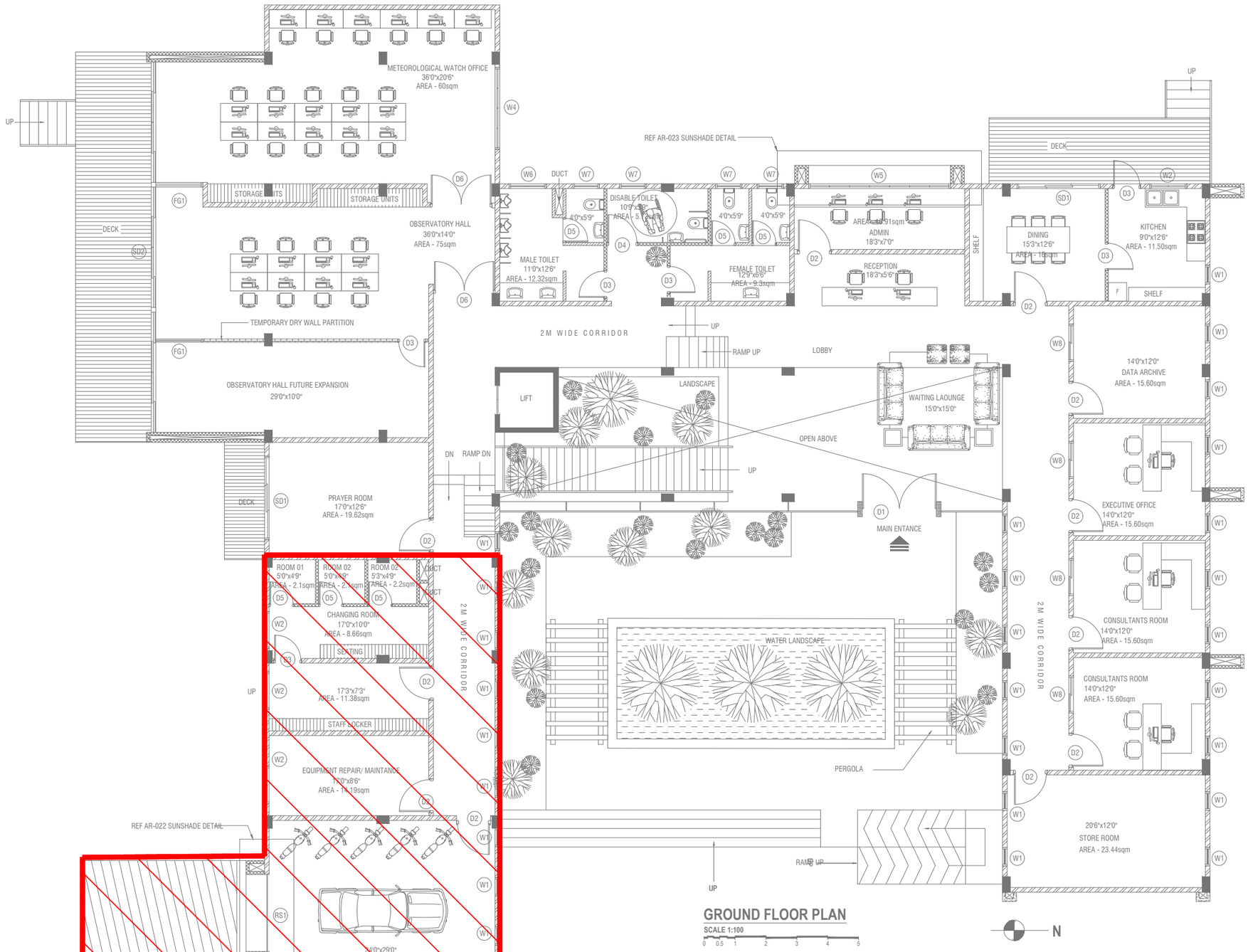

GROUND FLOOR PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

Phase 03

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 03
Key Plan
Page: A-02/15

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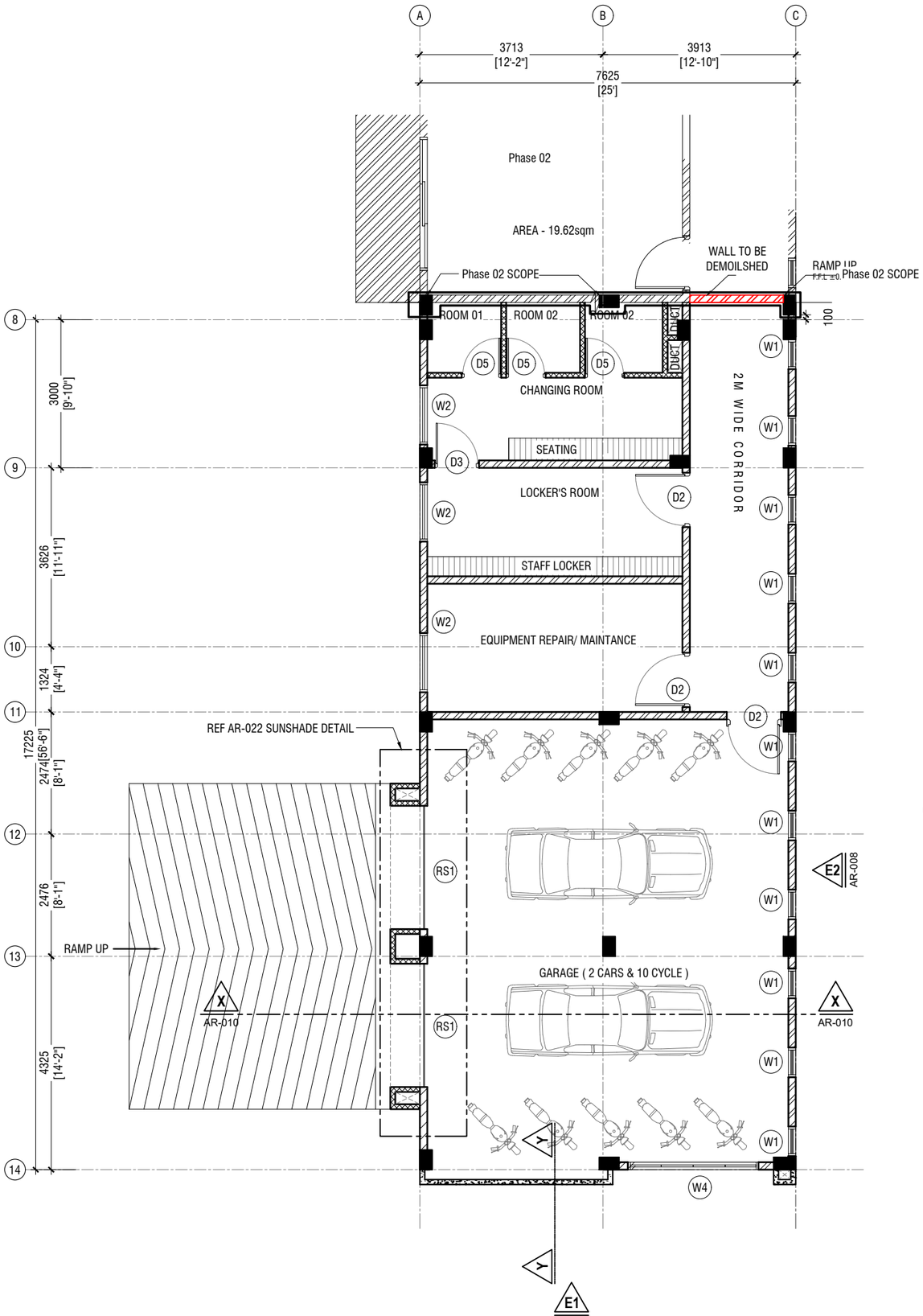

GROUND FLOOR PLAN (Phase 03)

SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

150mm THICK SOLID BLOCK MASONARY WALL WITH 20mm EXTERIOR PLASTERING, WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB. INTERIOR INSULATION WITH 76mm EXPANDED POLYURETHANE

100mm THICK SOLID BLOCK MASONARY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

100mm THICK 3000mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH.

100mm THICK DRY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Project Number: RI/2019/000
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Architect : Mariyam Irasha
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Title: Phase 03
Ground floor plan
Page: A-03/15

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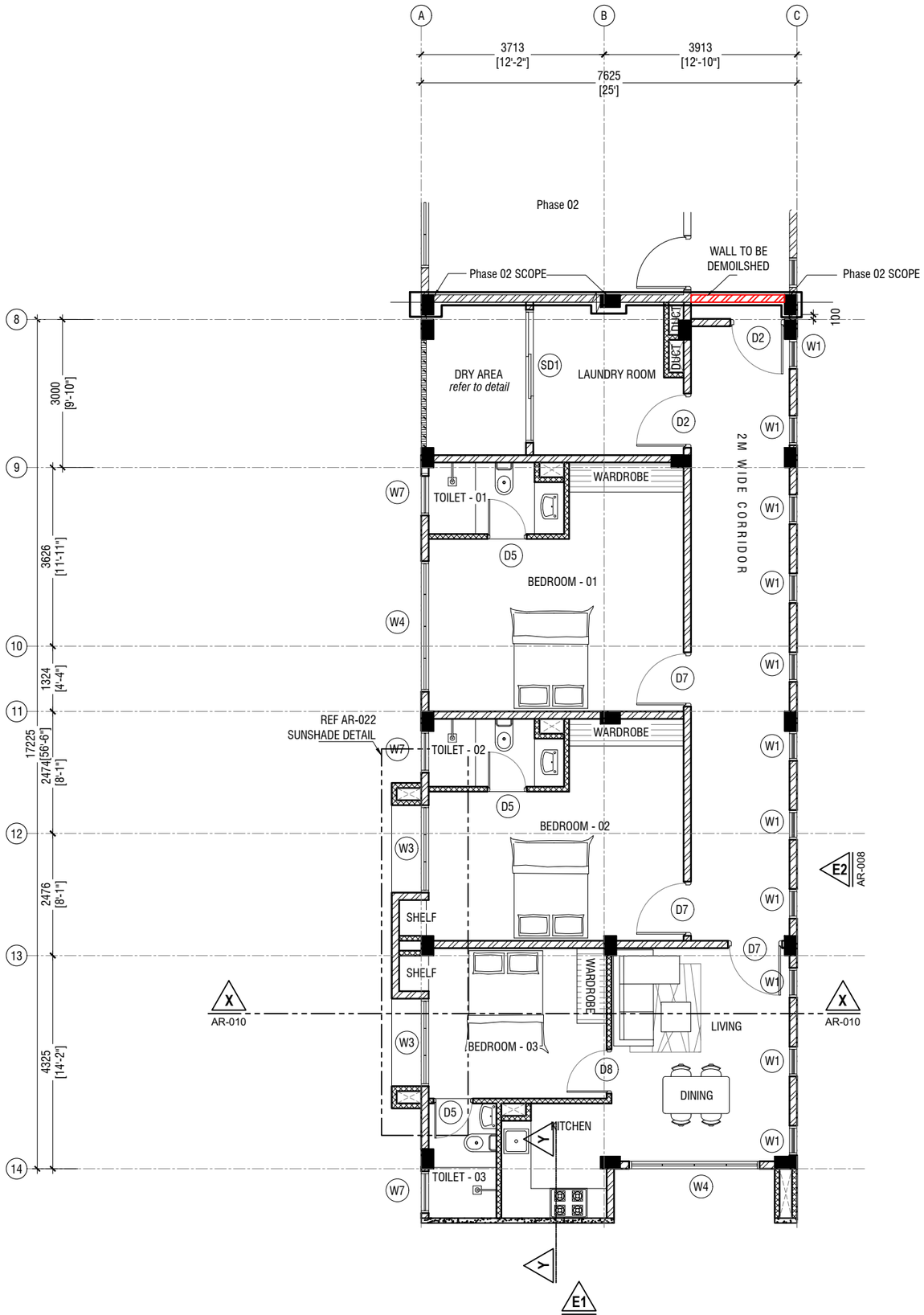

FIRST FLOOR PLAN (STAGE 03)

SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

150mm THICK SOLID BLOCK MASONARY WALL WITH 20mm EXTERIOR PLASTERING, WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB. INTERIOR INSULATION WITH 76mm EXPANDED POLYURETHANE

100mm THICK SOLID BLOCK MASONARY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

100mm THICK 3000mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH.

100mm THICK DRY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
First floor Plan
Page: A-04/15

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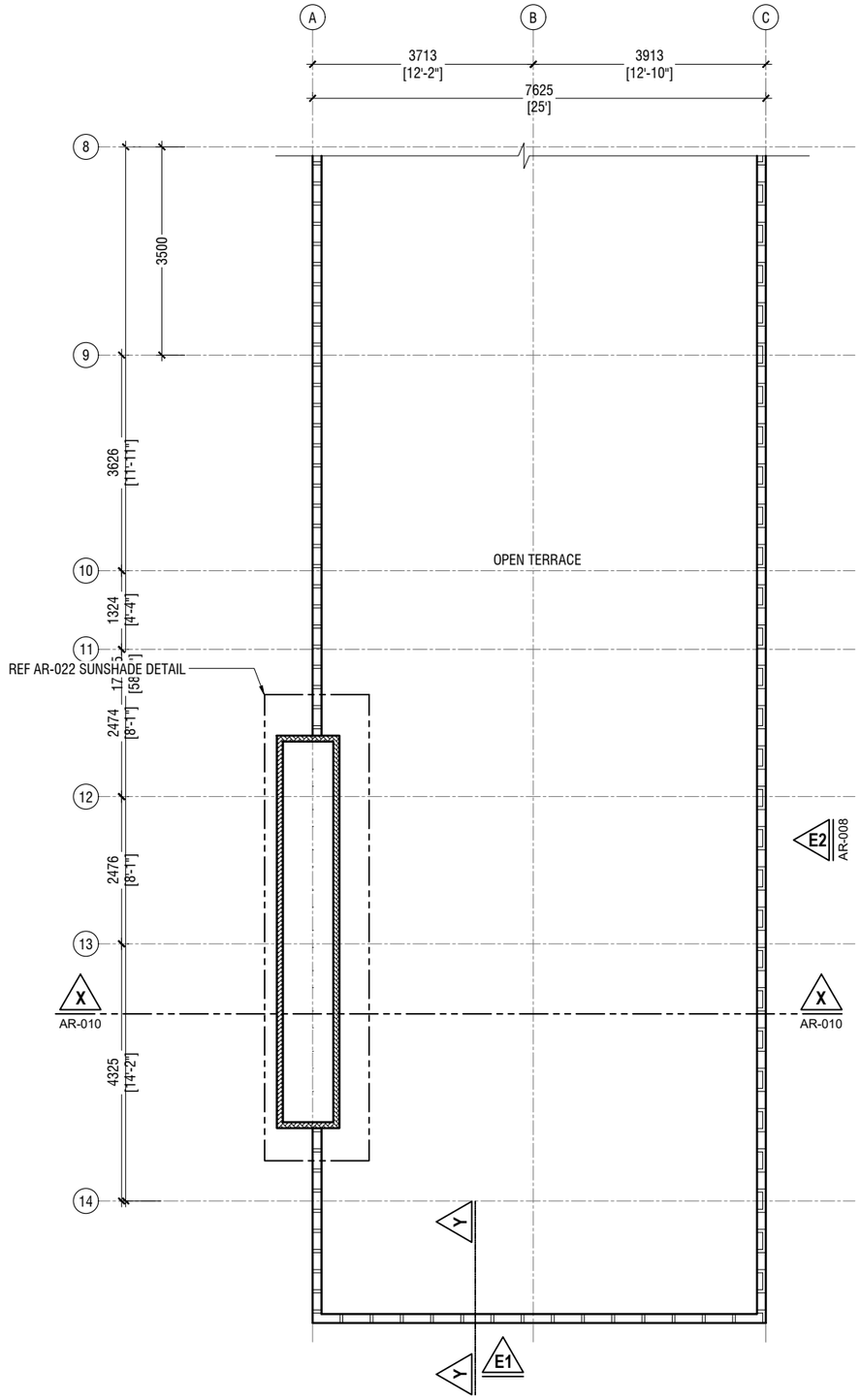

TERRACE FLOOR PLAN (STAGE 03)

SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

150mm THICK SOLID BLOCK MASONARY WALL WITH 20mm EXTERIOR PLASTERING, WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB. INTERIOR INSULATION WITH 76mm EXPANDED POLYURETHANE

100mm THICK SOLID BLOCK MASONARY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

100mm THICK 3000mm HIGH BLOCK WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH.

100mm THICK DRY WALL WITH 16mm PLASTERING WATER-PROOF WITH PLASTOCRETE, GROUND SMOOTH IN MATTE EMULSION WHITE PAINT FINISH UPTO BEAM/SLAB

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Project Number: RI/2019/000
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Architect : Mariyam Irasha
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Interior :

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Title: Phase 03
Terrace plan
Page: A-05/15

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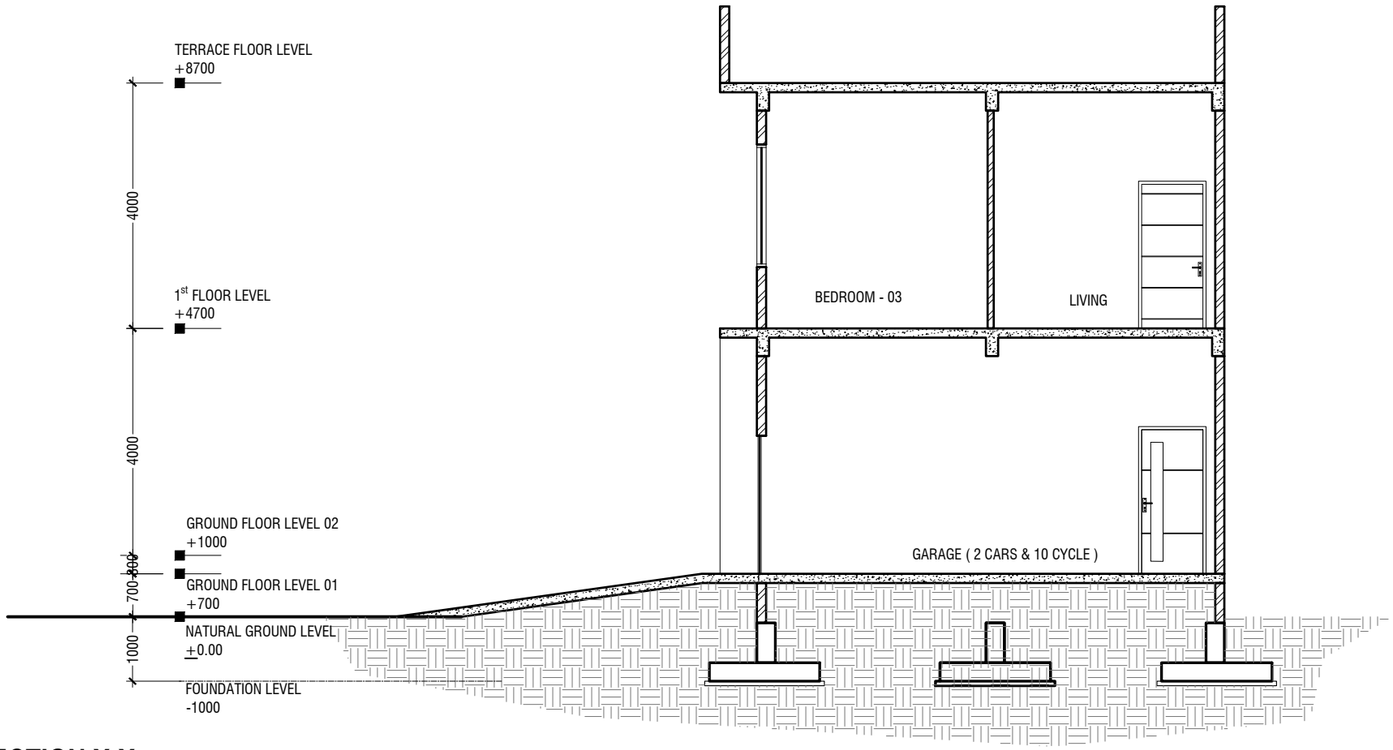
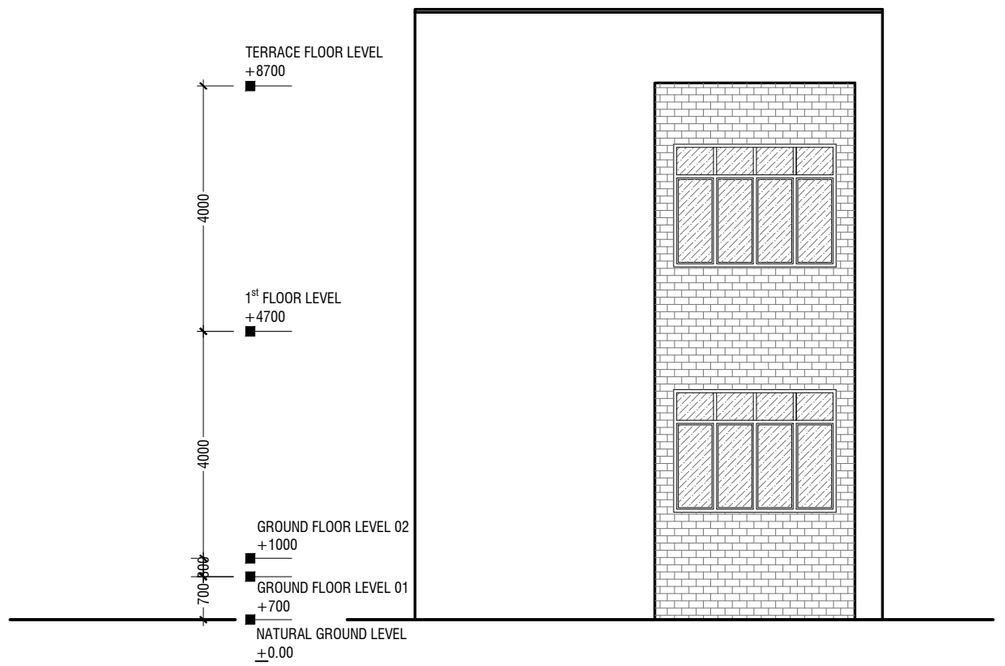


SECTION X-X

SCALE 1:100

0 0.5 1 2 3 4 5



ELEVATION E1

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
Section & Elevation
Page: A-06/15

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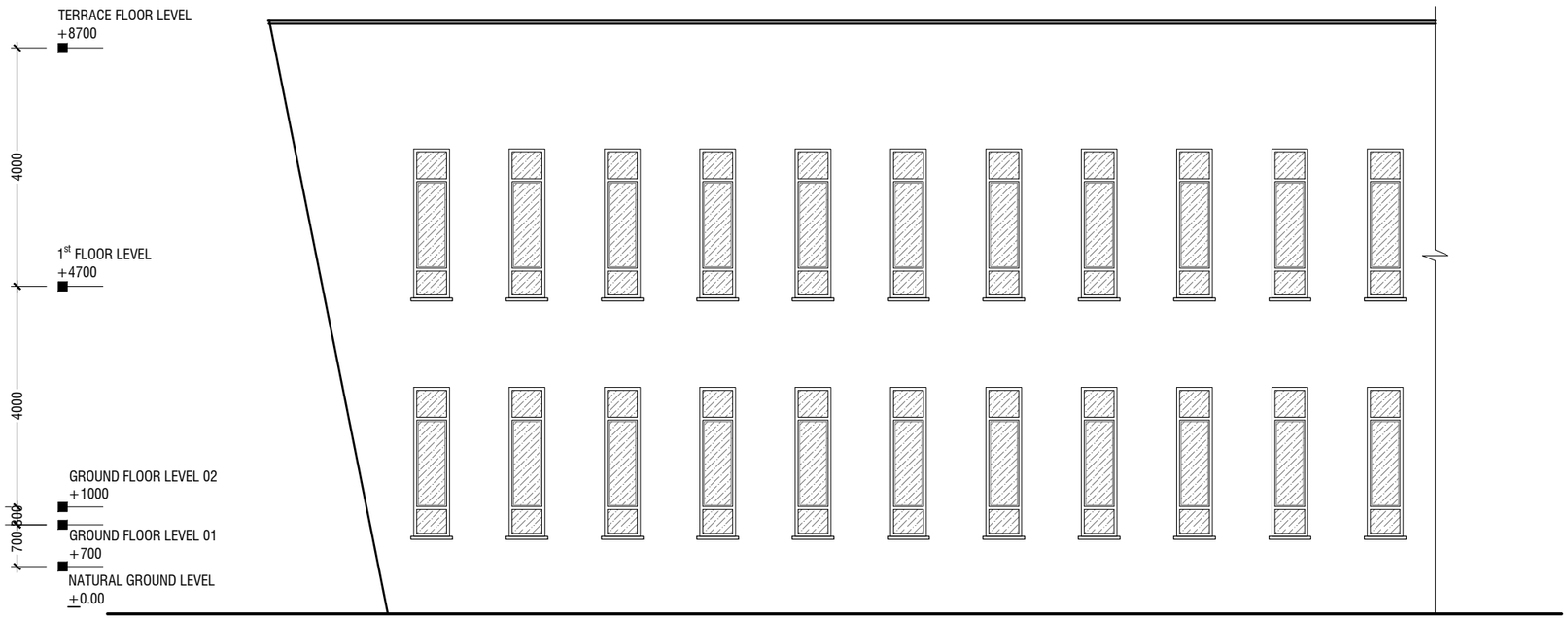

ELEVATION E2

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Iiasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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Title: Elevation E2
Key Plan
Page: A-07/15

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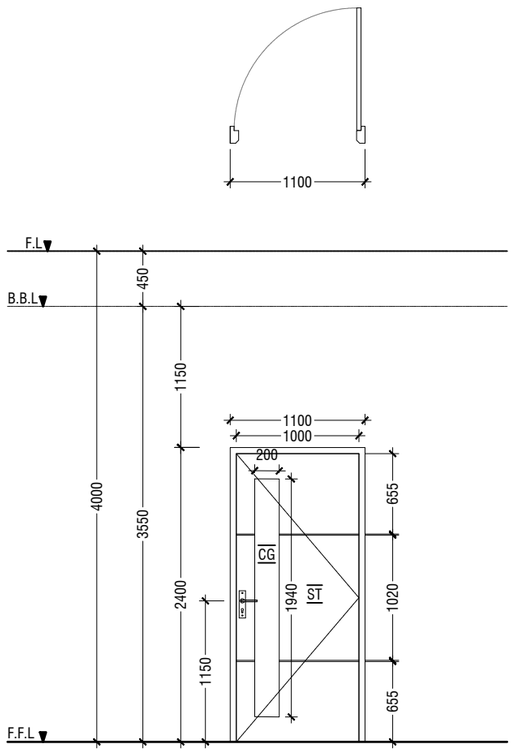
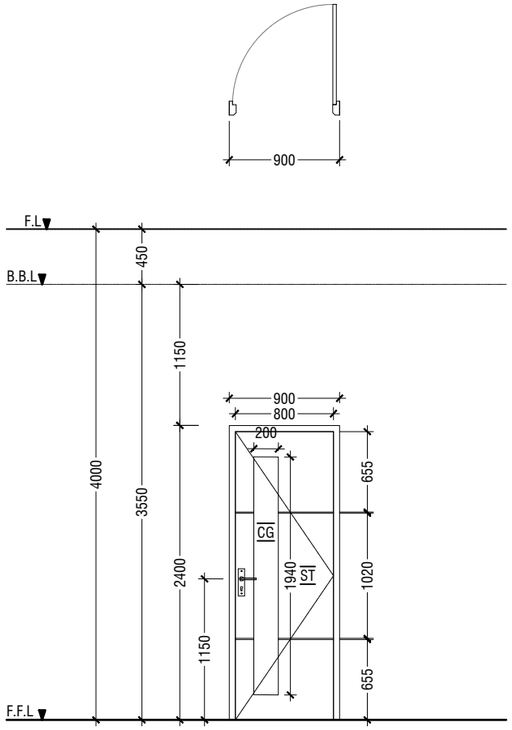
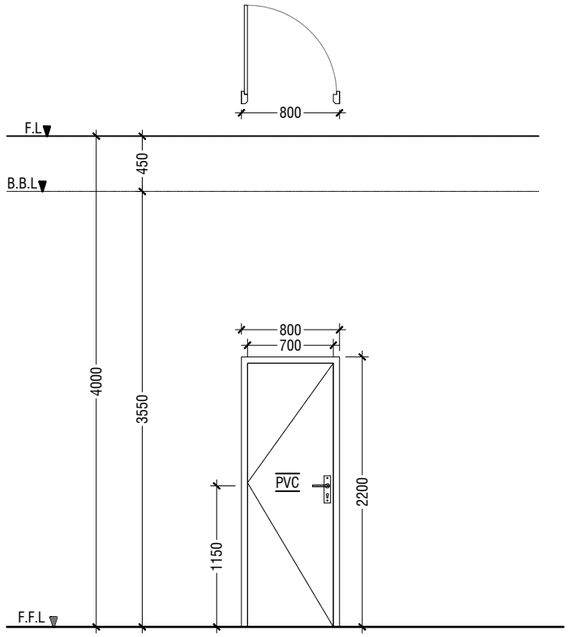


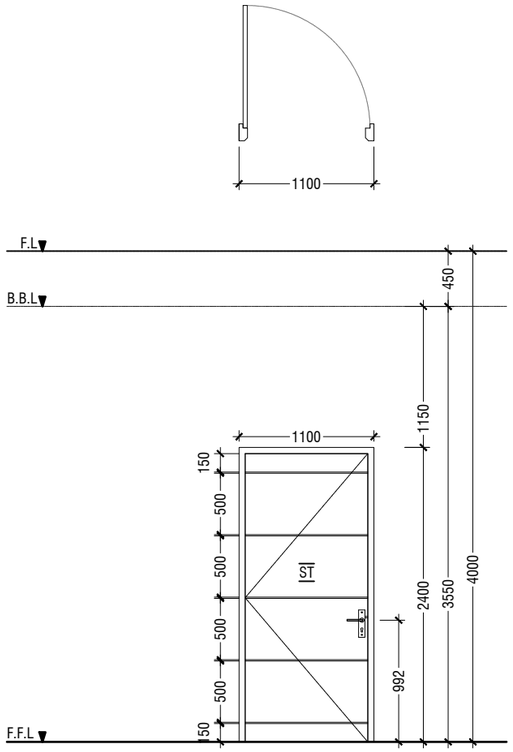
D2	SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 6mm CLEAR GLASS AND10mm GROOVES AS SHOWN.
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	GROUND FLOOR AND FIRST FLOOR
QUANTITY	12 NOS
OPEN AREA	2.34 SQM



D3	SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 6mm CLEAR GLASS AND10mm GROOVES AS SHOWN.
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	GROUND FLOOR AND FIRST FLOOR
QUANTITY	06 NOS
OPEN AREA	1.87 SQM



D5	SLIDING DOOR
REMARKS	PVC LIGHT WEIGHT SLIDING DOOR
HARDWARE	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	TOILET DOOR
QUANTITY	06 NOS
OPEN AREA	1.50 SQM



D7	SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 10mm GROOVES AS SHOWN.
HARDWARE	LOCKSET : MORTISE LOCK , SS FINISH,DOOR HANDLE LEVER TYPE HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	BEDROOM ENTRANCE
QUANTITY	03 NOS
OPEN AREA	2.35 SQM

DOOR / WINDOW SCHEDULE - 1

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- INTERNAL DOORS FRAME DEPTH TO BE WIDTH OF THE WALL.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- ALL EXTERIOR DOORS & WINDOWS SASHES TO BE 100mm WIDE
-ALL BUILDING ENVELOPE GLASSES ARE TO BE SHGC VALUE OF 0.25

LEGEND:-

CG - CLEAR GLASS
FCG - FIXED CLEAR GLASS
FG - FROSTED GLASS
FFG - FIXED FROSTED GLASS
RG - REFLECTED GLASS
FRG - FIXED REFLECTED GLASS
TG - TEMPERED CLEAR GLASS
AL - ALUMINIUMN LOUVERS
ST - SOLID TIMBER
T - TIMBER
PVC - POLYVINYL CHLORIDE

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
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Engineer :
Drawn by : Prabhakaran Nadimuthu
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Title: Phase 03
D&W schedule 01
Page: A-08/15

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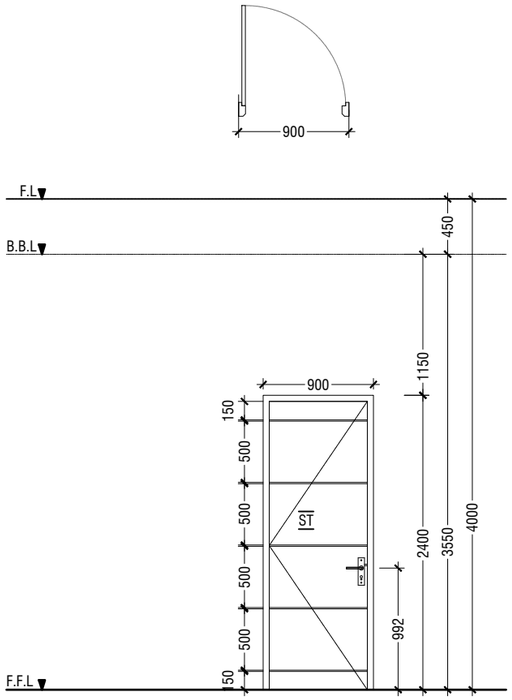
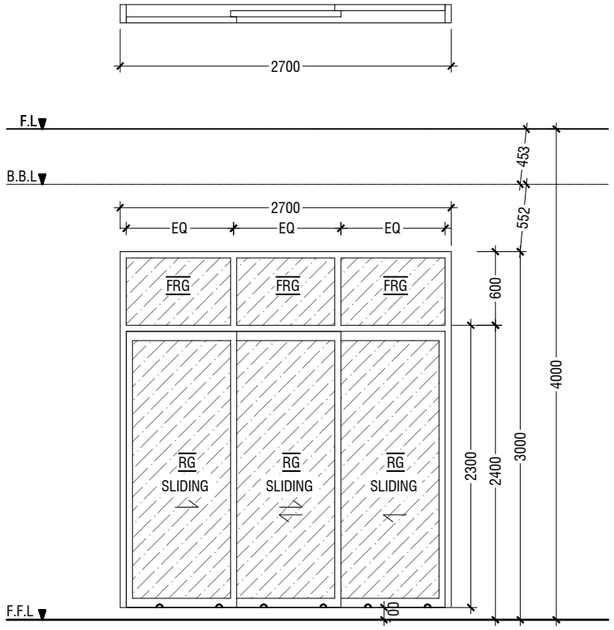
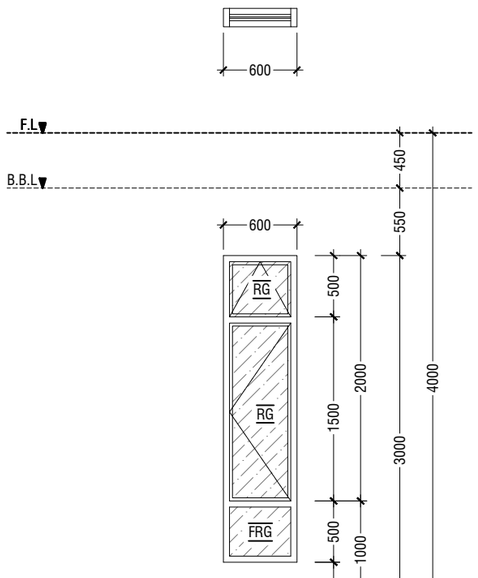


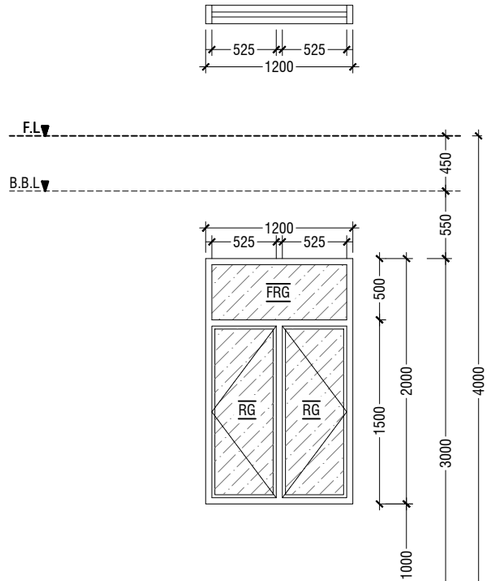
D8	SWING DOOR
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 50mm THICK SOLID TIMBER PANEL WITH 10mm GROOVES AS SHOWN.
HARDWARE	LOCKSET : MORTISE LOCK , SS FINISH,DOOR HANDLE LEVER TYPE HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs)
LOCATION	BEDROOM ENTRANCE
QUANTITY	03 NOS
OPEN AREA	2.16 SQM



SD1	SLIDING DOOR
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAMED SLIDING DOORS WITH 12mm THICK REFLECTED GLASS PANELS WITH SHGC VALUE OF 0.25
HARDWARE	LOCKSET : SLIDINGLOCK , SS FINISH,DOOR TRACK
LOCATION	PRAYER ROOM, LAUNDRY, DINING
QUANTITY	03 NOS
OPEN AREA	3.99 sqm



W1	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND FLOOR AND FIRST FLOOR
QUANTITY	43 NOS
OPEN AREA	0.95 sqm



W2	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND FLOOR
QUANTITY	04 NOS
OPEN AREA	1.46 sqm

DOOR / WINDOW SCHEDULE - 2

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- INTERNAL DOORS FRAME DEPTH TO BE WIDTH OF THE WALL.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- ALL EXTERIOR DOORS & WINDOWS SASHES TO BE 100mm WIDE
-ALL BUILDING ENVELOPE GLASSES ARE TO BE SHGC VALUE OF 0.25

LEGEND:-

CG - CLEAR GLASS
FCG - FIXED CLEAR GLASS
FG - FROSTED GLASS
FFG - FIXED FROSTED GLASS
RG - REFLECTED GLASS
FRG - FIXED REFLECTED GLASS
TG - TEMPERED CLEAR GLASS
AL - ALUMINIUMN LOUVERS
ST - SOLID TIMBER
T - TIMBER
PVC - POLYVINYL CHLORIDE

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 03
D&W schedule 02
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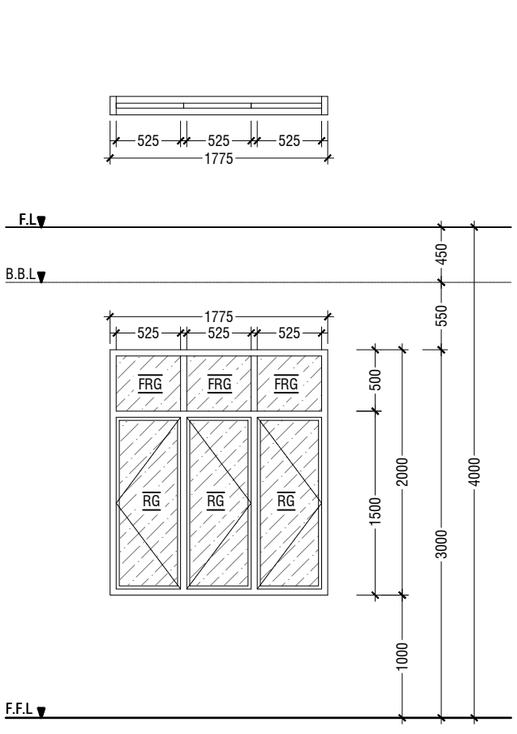

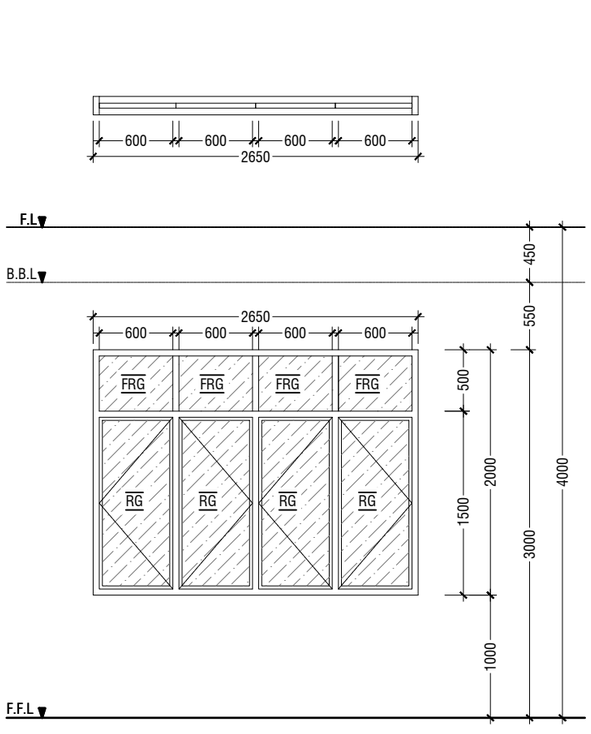

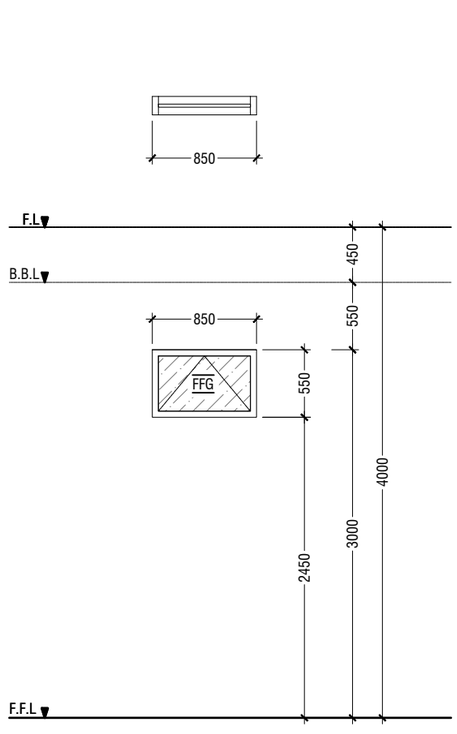

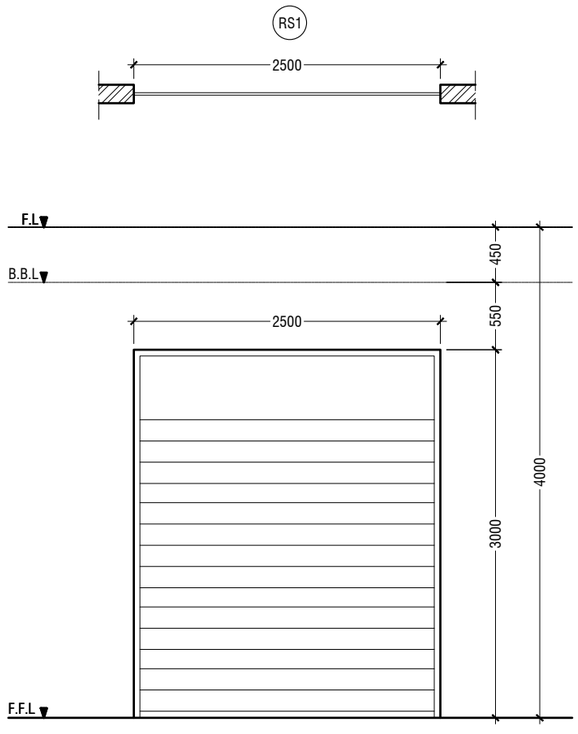

W3	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	BEDROOM, CLASSROOM
QUANTITY	04 NOS
OPEN AREA	2.19 sqm

W4	SWING WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND AND FIRST FLOOR
QUANTITY	07 NOS
OPEN AREA	3.32 sqm

W7	TOP HUNG WINDOW
REMARKS	BLACK POWDER COATED (60 MICRONS) ALUMINUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm THICK REFLECTED GLASS WITH SHGC VALUE OF 0.25
LOCATION	GROUND AND FIRST FLOOR
QUANTITY	08 NOS
OPEN AREA	0.33 sqm

RS1	ROLLING SHUTTER
REMARKS	STEEL - FRAMED ROLLER SHUTTER DOOR WITH MECHANICAL OPENING SYSTEM
LOCATION	GROUND FLOOR
QUANTITY	02 NOS
OPEN AREA	7.5 sqm

DOOR / WINDOW SCHEDULE - 3

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

SCHEDULE OF VENTILATION

Room name/ Number	*Room Areas (sqm) (Specify centre to centre or clear)*	*Window (opening) number*	*Required opening areas (sqm)*	*Designed opening areas (sqm)*	*Open %*
Ground Floor					
Changing room	8.66	W2	0.866	1.46	16.86%
Room 01	2.10	MECHANICAL VENTILATION			
Room 02	2.10	MECHANICAL VENTILATION			
Room 03	2.20	MECHANICAL VENTILATION			
Staff Locker	11.38	W2	1.138	1.46	12.83%
Equipment / Repair Room	14.19	W2	1.419	1.46	10.29%
Garage	65.38	W1,W1,W1,W1,W1,W1,W4	6.538	8.84	13.52%
First Floor					
Laundry Room	9.30	SD1	0.93	3.99	42.90%
Bedroom 01	21.67	W4	2.167	3.32	15.32%
Toilet 01	3.97	W7	0.397	0.67	16.88%
Bedroom 02	19.08	W4	1.908	3.32	17.40%
Toilet 02	3.75	W7	0.375	0.67	17.87%
Living, Dining, Kitchen	20.61	W1,W1,W1,W4	2.061	6.08	29.50%
Toilet	3.19	W7	0.319	0.67	21.00%

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VENTILATION SCHEDULE

SCALE NTS

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
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Drawn by : Prabhakaran Nadimuthu
Services :
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Title: Phase 03
D&W schedule 03
Page: A-10/15

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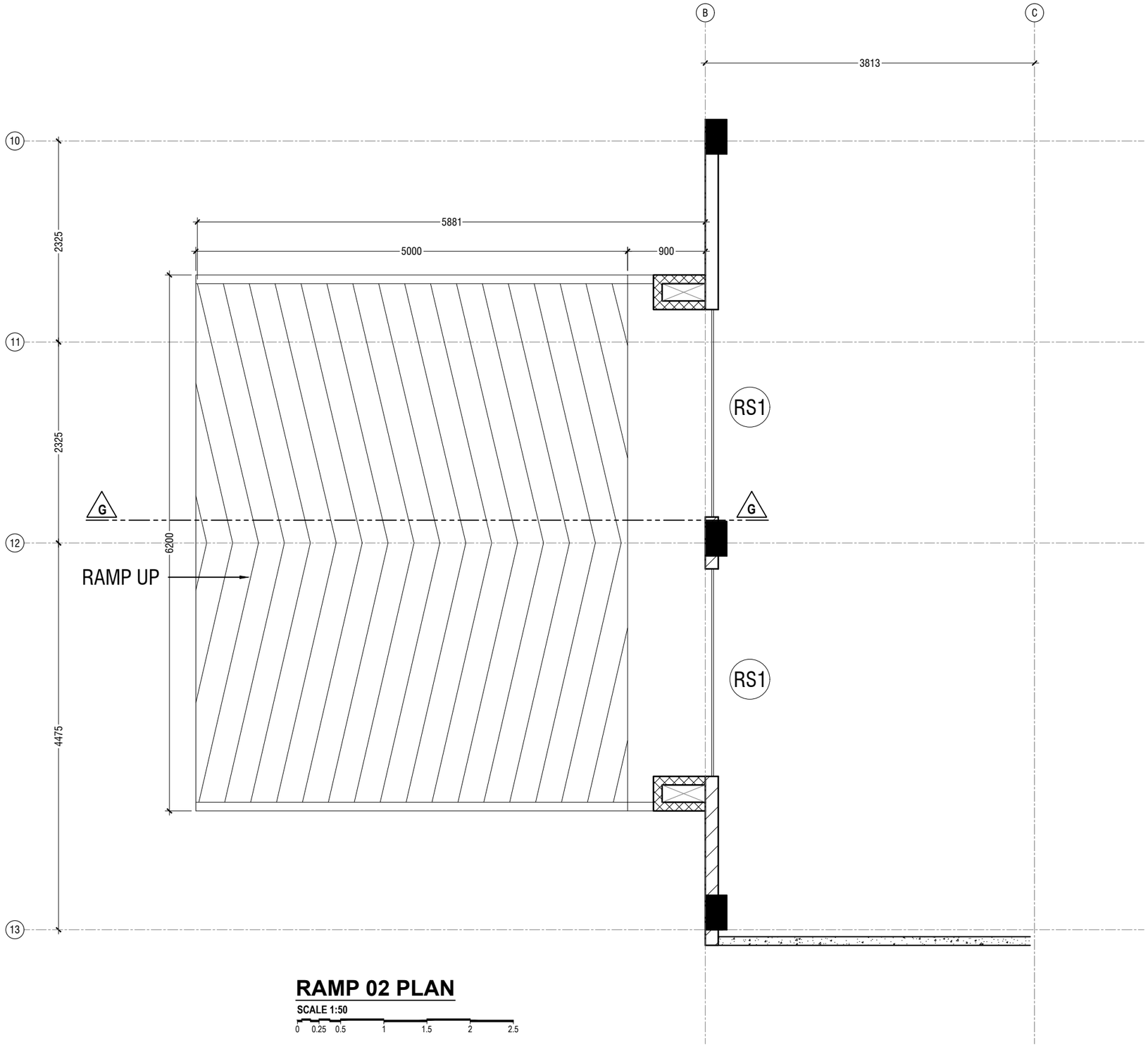

RAMP 02 PLAN

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

Meteorological Office Building
Client: Maldives Meteorological Service

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Title: Phase 03
Ramp02 detail
Page: A-11/15

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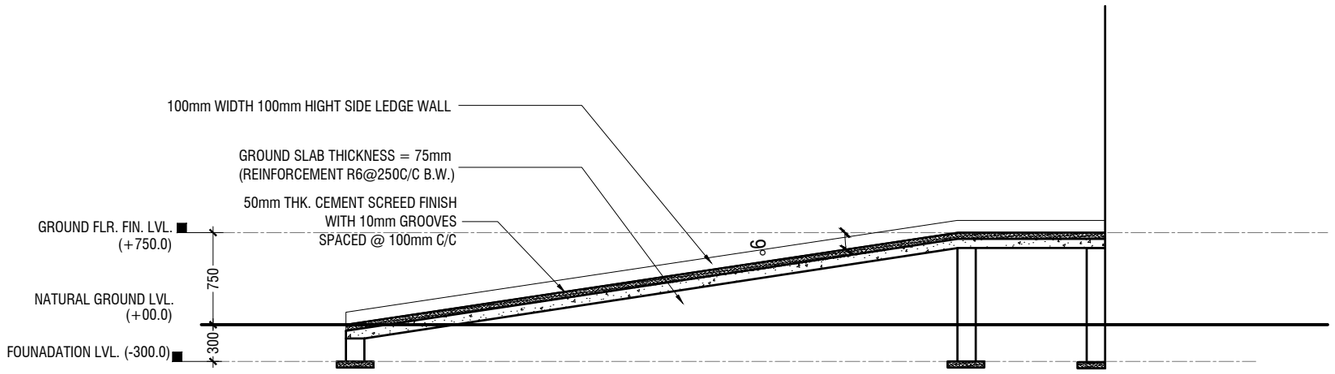

RAMP DETAILS - 02

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

SECTION G - G

SCALE 1:50

Meteorological Office Building
Client: Maldives Meteorological Service

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Title: Phase 03
Ramp02 detail
Page: A-12/15

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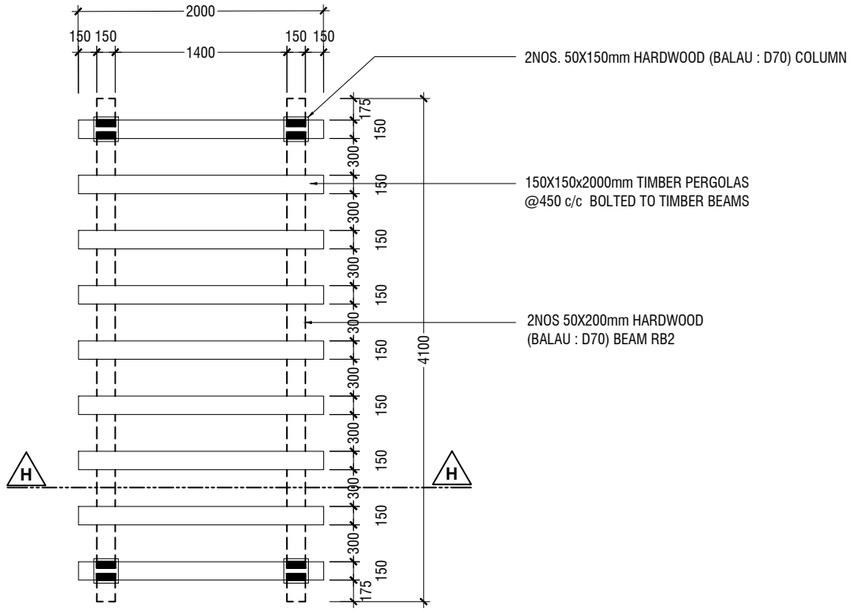
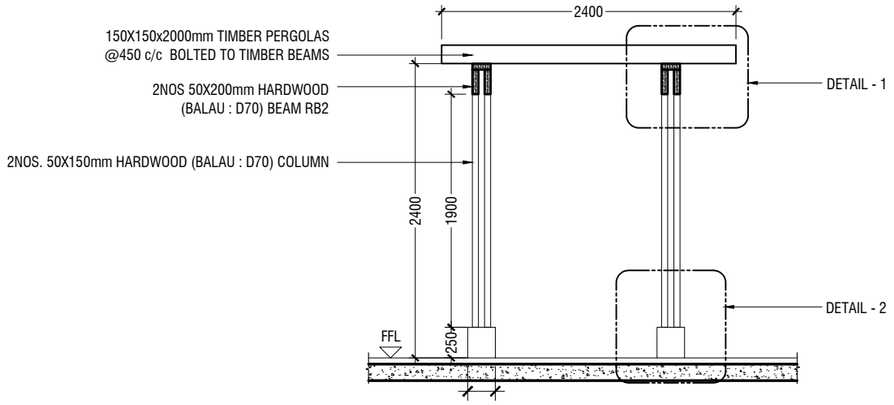


PERGOLLA PLAN

SCALE 1:50

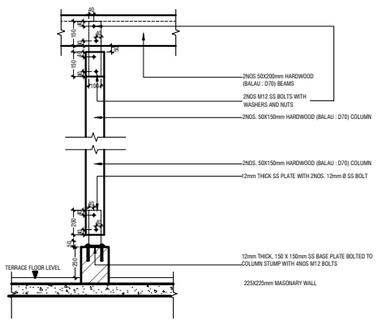
0 0.25 0.5 1 1.5 2 2.5



SECTION H-H

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



DETAIL-2 COLUMN FIXING DETAIL

SCALE 1:20

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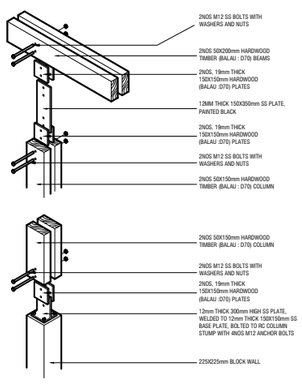

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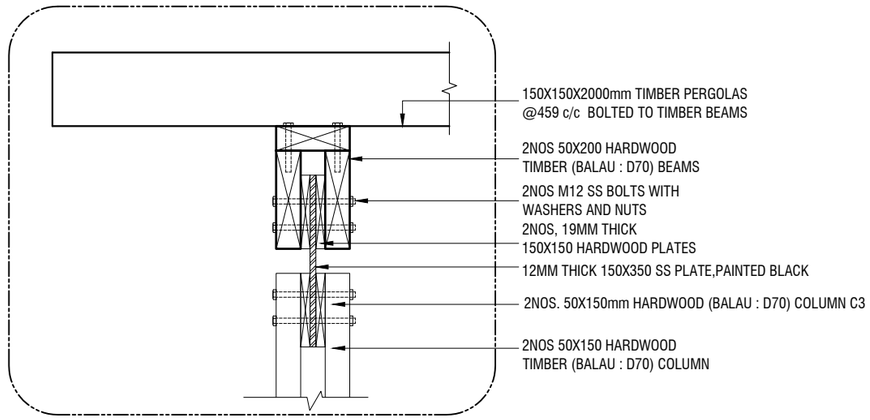

DETAIL -1

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5

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Client: Maldives Meteorological Service

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Title: Phase 03
Pergola Detail
Page: A-13/15

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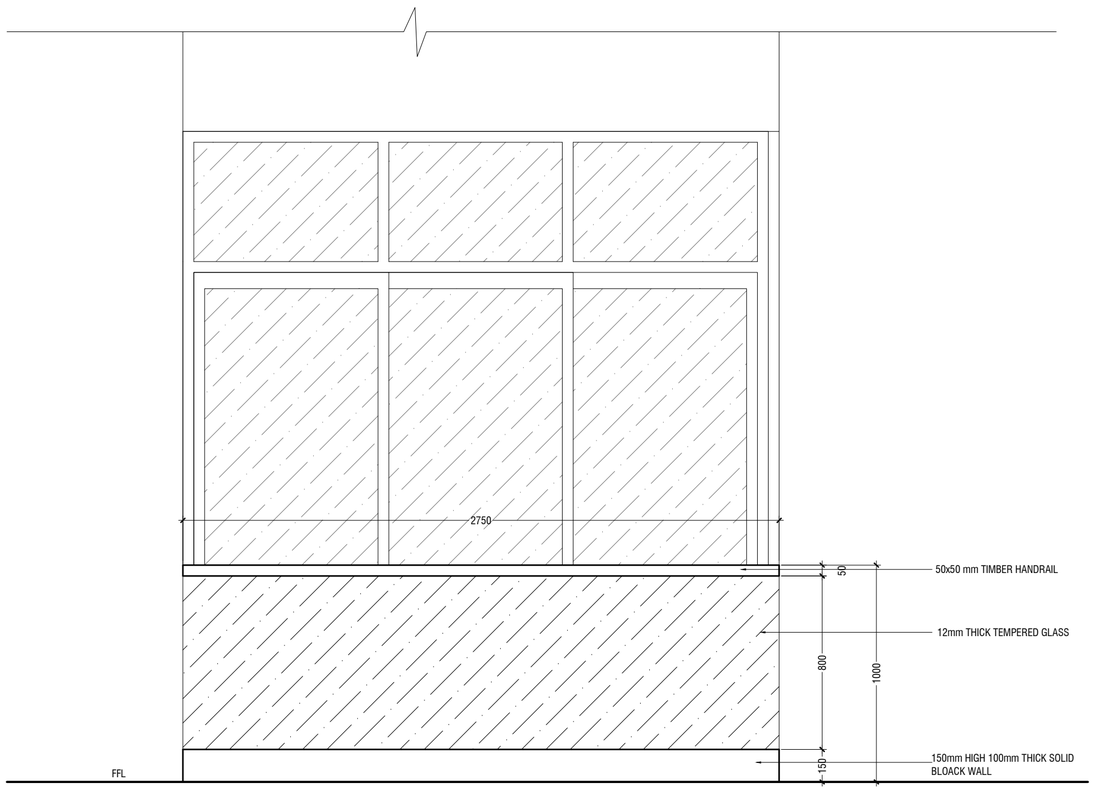

ELEVATION E1

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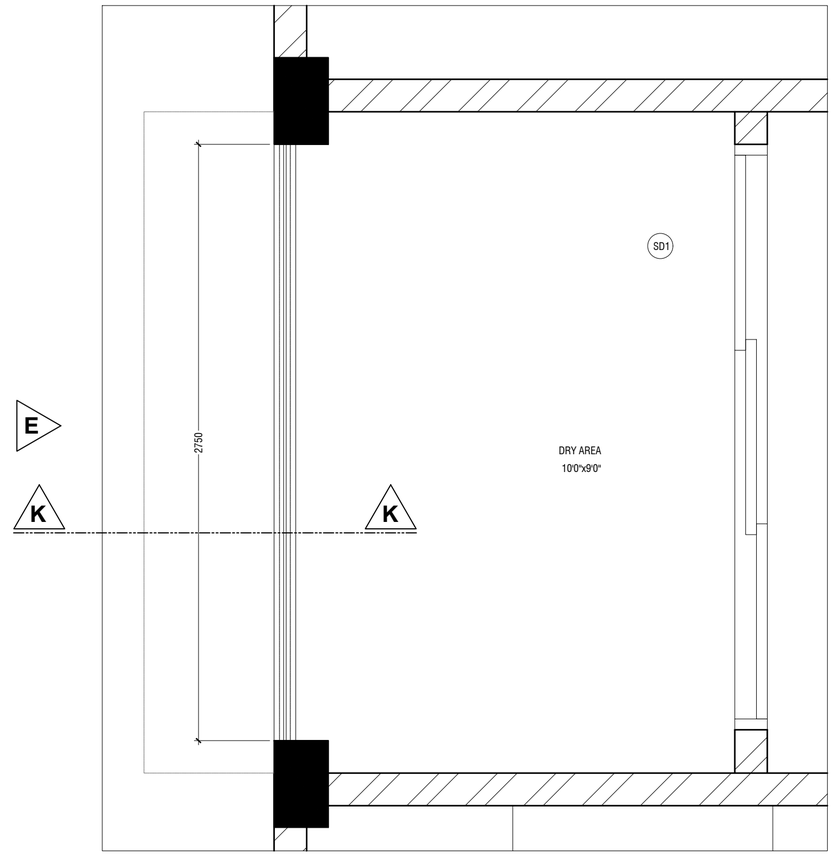

PLAN

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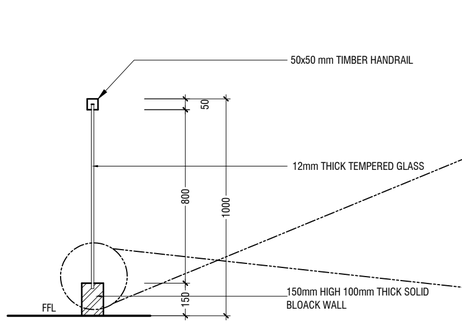

SECTION K-K

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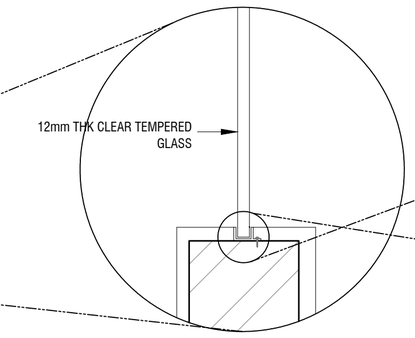

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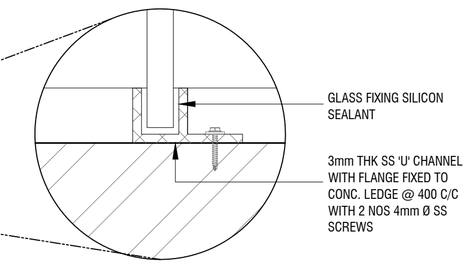

NOT TO SCALE

NOTE:

STRUCTURAL MUST DESIGN BY GLASS CONTRACTOR

DRY AREA HANDRAIL DETAIL

SCALE 1:20

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Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn By : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
02	26.02.2020
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w : www.riyan.com.mv
3rd Floor, H. Azure, Ameeneemagu, Male'

Title: Phase 03
Dry area Handrail
Page: A-14/15

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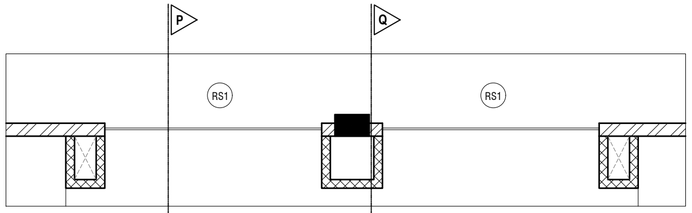

GROUND FLOOR PLAN

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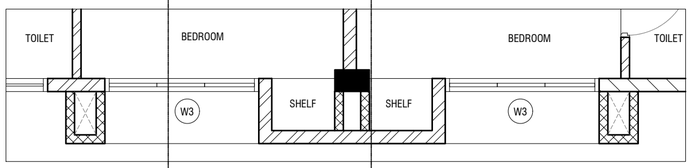

FIRST FLOOR PLAN

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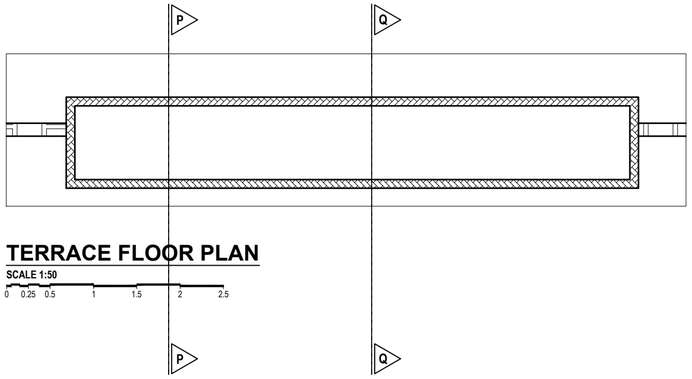

TERRACE FLOOR PLAN

SCALE 1:50

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SUNSHADE DETAILS - 01

SCALE 1:50

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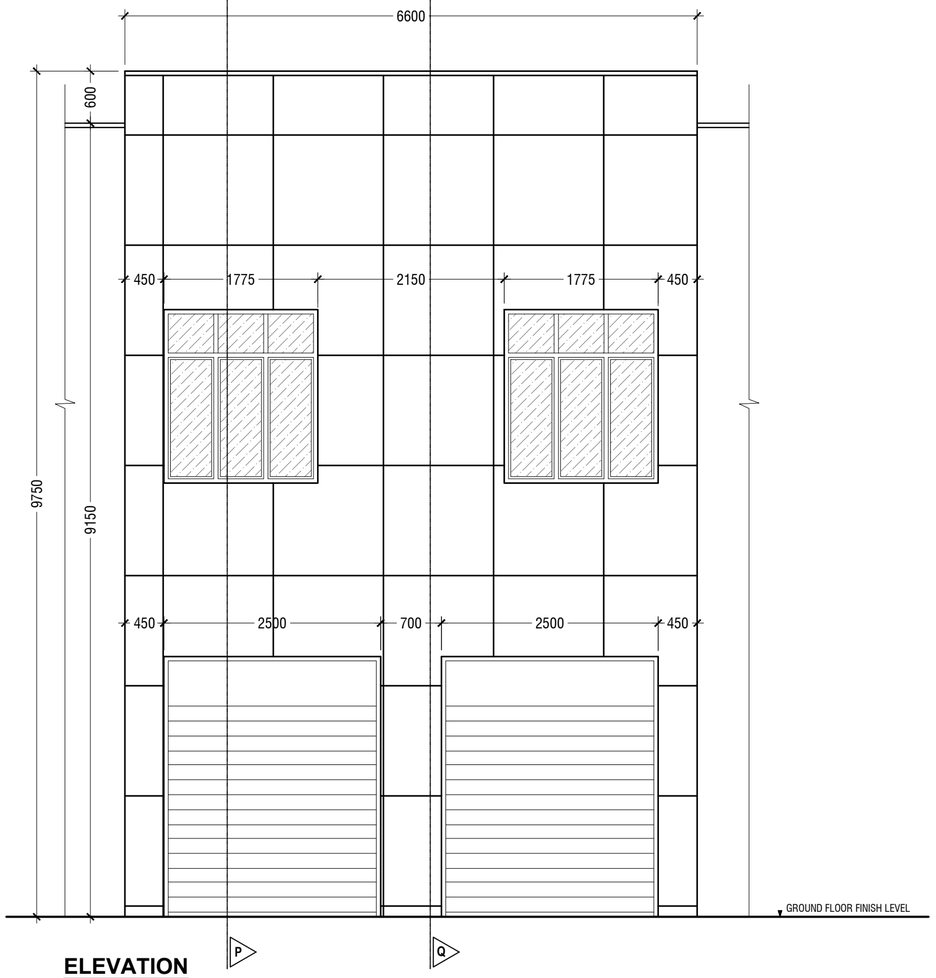

ELEVATION

SCALE 1:50

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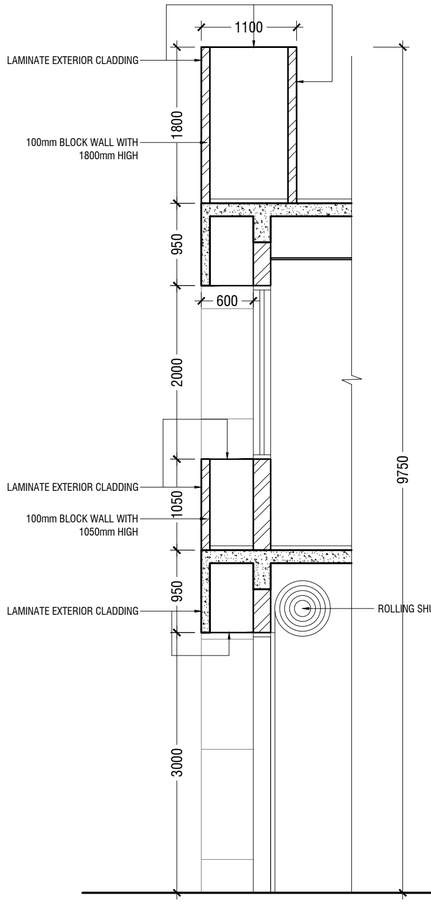

SECTION P-P

SCALE 1:50

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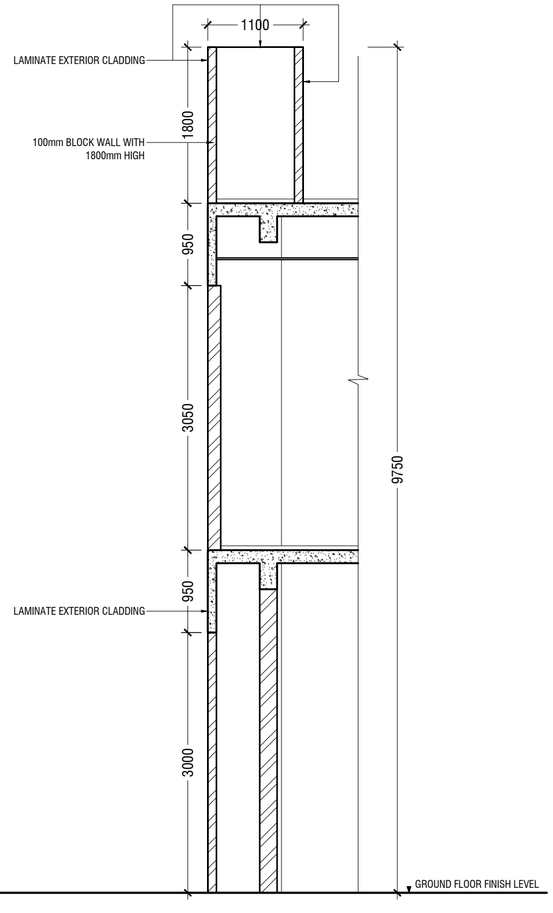

SECTION Q-Q

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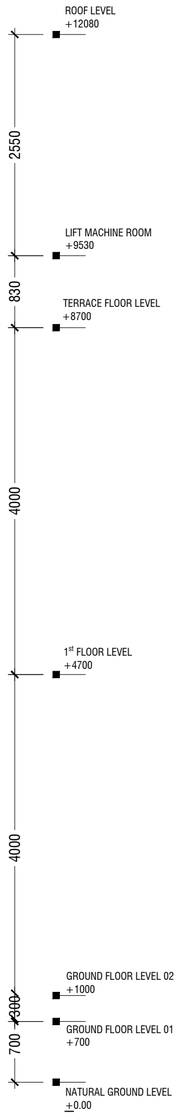

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26. 02.2020

Project Number: RP/2019/400
Date Created: 12/12/2019
Architect : Mariyam Iraiha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Structure :
Interior :

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3rd floor, H. Azrum, Ameeneemagu, Male'

Title: Phase 03
Sun Shade Detail
Page: A-15/15

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GENERAL NOTES

THE GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS.
REGARDLESS OF WHETHER OR NOT SHOWN IN DRAWINGS OR OTHER TENDER DOCUMENTS, THE STANDARD PROVISIONS SPECIFIED HEREUNDER FOR COMPLIANCE BY THE CONTRACTOR SHALL APPLY TO ALL RELEVANT PORTIONS OF THE STRUCTURAL WORKS AND SHALL FORM PART OF THIS CONTRACT.

1.0 VERIFICATION OF DIMENSIONS AND LEVELS

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS ON SITE, AND RESOLVE ALL DISCREPANCIES WITH THE ARCHITECT OR ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- DRAWING INDICATES GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE OF SIMILAR CHARACTER TO DETAILS SHOWN AND ALTHOUGH NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECTED TO REVIEW BY THE ENGINEER.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS IN THE CONTRACT DRAWINGS.
- DISCREPANCIES IN DRAWINGS ARISING FROM SUCH VERIFICATION WORKS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

2.0 SHOP DRAWINGS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF ALL WORKS AND SHALL TAKE SITE MEASUREMENTS PRIOR TO THE PREPARATION OF ANY SHOP DRAWINGS OR BEFORE COMMENCING FABRICATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL SPECIALIST TRADES, SUCH AS PRESTRESSING, CURTAIN WALLING, ETC. FOR REVIEWS AND COMMENTS BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK. SUCH SHOP DRAWINGS SUBMITTED SHALL INCORPORATE ALL NECESSARY CONNECTION DETAILS TO THE STRUCTURAL MEMBERS SUCH AS CAST-IN INSERTS, EMBEDDED PLATES, ETC.

3.0 INCORPORATION OF M&E REQUIREMENTS IN THE STRUCTURE

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF STRUCTURAL, M & E PENETRATION DRAWINGS OF SERVICES AND SUBMIT SUCH SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEWS AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- THESE SHOP DRAWINGS SHALL INCORPORATE ALL MECHANICAL, ELECTRICAL AND SANITARY WORKS TO BE EMBEDDED IN CONCRETE AND ALL OPENINGS FOR ALL PIPE OR DUCT WORKS, BASED ON THE REQUIREMENTS OF M & E DRAWINGS IN HIS POSSESSION.
- HE SHALL CHECK AND RESOLVE ALL DISCREPANCIES WITH THE RESPECTIVE ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

4.0 LEAN CONCRETE FOR SUSPENDED STRUCTURES

- UNLESS OTHERWISE STATED, 50 MM THICK LEAN CONCRETE WITH A MINIMUM 28-DAY CUBE STRENGTH OF 15N/MM2 SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF STRUCTURAL CONCRETE MEMBERS.

5.0 STRUCTURAL ELEMENTS ON GRADE

- UNLESS OTHERWISE STATED, A SINGLE LAYER OF 0.25 MM(HEAVY DUTY) POLYTHENE SHEET, OR EQUIVALENT THERMOPLASTIC MATERIAL, LAID OVER A COMPACTED 60 MM THICK LAYER OF HARD CORE BLINDED WITH SAND TO PREVENT GROUT LOSS FROM SEEPAGE INTO THE GROUND SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF THE NON-SUSPENDED SLABS.

6.0 SUBGRADE UNDER STRUCTURAL ELEMENTS

- WHERE THE CONTRACTOR REQUIRES REMOVAL AND SUBSEQUENT BACKFILL OF SUBGRADE PRIOR TO CASTING OF PILECAP/WALL/BEAM/SLAB, HE SHALL ENSURE THAT THE BACKFILL IS OF APPROVED MATERIAL AND THAT THE BACKFILL SHALL BE REASONABLY COMPACTED TO ENSURE THAT THE COMPACTED SOIL IS ABLE TO WITHSTAND THE WEIGHT OF THE WET CONCRETE. THE CONTRACTOR SHALL EXERCISE PROPER SKILL AND CARE TO AVOID DAMAGE TO ADJACENT INSTALLED STRUCTURES ARISING FROM HIS CONSTRUCTION SEQUENCE.

7.0 WATERPROOFING FOR STRUCTURES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND METHOD STATEMENTS FOR THE ENGINEER'S APPROVAL PRIOR TO COMMENCEMENT OF WORK. REQUIRED SHOP DRAWING DETAILS INCLUDE BUT ARE NOT LIMITED TO TREATMENT OF FLASHINGS, WATERSTOP AT CONSTRUCTION JOINTS, WALL AND SLAB PENETRATIONS.
- ALL PENETRATIONS THROUGH STRUCTURAL ELEMENTS SHALL BE CAST-IN, SLEEVED AND PROVIDED WITH APPROVED PUDDLE FLANGE DETAIL. IF FOR ANY REASON THE CONTRACTOR IS UNABLE TO LAY WATERSTOP AT CONSTRUCTION JOINTS AS INDICATED IN THE DRAWINGS, HE SHALL AT HIS OWN EXPENSES PROVIDE ADEQUATE GROUT TUBES FOR WATERPROOF PRESSURE GROUTING TO ENSURE WATERTIGHTNESS OF THE JOINT.
- ALL GROUT TUBES SHALL BE MARKED AND PROTECTED FROM BLOCKAGE.
- BACKFILLING OPERATIONS AGAINST VERTICAL SURFACE SHALL BE CARRIED OUT AS SOON AS THE WATERPROOFING BARRIER IS INSTALLED TO THE SATISFACTION OF THE ENGINEER.

8.0 CASTING LAYERS

- INCLINED CASTING LAYERS AND INCLINED CONSTRUCTION JOINTS SHALL BE AVOIDED.
- HORIZONTAL CASTING LAYERS SHALL NOT IN GENERAL EXCEED 0.6 M THICKNESS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

9.0 FOUNDATIONS

- ALL FOUNDATIONS HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 150 KN/M.
- ALL BACKFILL SHOULD BE DONE WITH MATERIALS APPROVED BY THE CONSULTANT AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
- WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
- IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
- IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE BELOW LEVEL OF FOUNDATIONS.
- THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGH OUT THE CONSTRUCTION PERIOD. RESTORING WATER TABLE CAN BE DONE AFTER BACKFILLING AND COMPACTION UP TO THE SLAB ON GRADE LEVEL, OR AS DIRECTED BY THE ENGINEER.
- NO BACK FILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

10.0 CONSTRUCTION LOAD AND SHORING

- CONSTRUCTION LIVE LOAD IMPOSED ON ANY SINGLE FLOOR SHALL NOT EXCEED 1.5 KN/M2. UNLESS OTHERWISE APPROVED BY THE ENGINEER, DEAD LOAD OF THE TOP CONSTRUCTION FLOOR SHALL BE SUPPORTED BY TWO COMPLETED FLOORS DIRECTLY BELOW IT.
- PROPS TO BEAMS AND SLABS AT ANY FLOORS SHALL NOT BE REMOVED UNTIL THE TWO IMMEDIATE FLOORS ABOVE THAT LEVEL ARE CAPABLE OF SUPPORTING THEMSELVES AS WELL AS ANY LOADS IMPOSED DURING CONSTRUCTION. CONSIDERATIONS GOVERNING REMOVAL OF PROPS INCLUDE BUT ARE NOT LIMITED TO THE ATTAINMENT OF 28-DAY STRENGTH FOR THE CONCRETE, DESIGN LOAD CAPACITY OF THE FLOOR UNDER REVIEW AND THE COMPLETION OF PRESTRESSING AND GROUTING OPERATIONS IN THE CASE OF A PRESTRESSED STRUCTURAL FLOOR SYSTEM.

- PROPS SHALL BE LEFT IN PLACE FOR SUPPORTING THE CONSTRUCTION LOADS APPROVED BY THE ENGINEER.
- NO ALLOWANCE HAS BEEN MADE IN THE DESIGN OF THE PERIMETER BEAMS/WALLS FOR THE SUPPORT OF TEMPORARY SCAFFOLDINGS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER TO DESIGN AND STRENGTHEN THE BEAMS/WALLS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER CHECK THE ADEQUACY OF SHORING DETAIL PROVIDED PROCEEDING THE WORK, AS SHORING WAS DESIGNED, CONSIDERING THE STATUS OF THE BUILDING AT THE TIME OF DESIGN.

11.0 CONCRETE COVER

- MINIMUM COVER TO OUTERMOST REINFORCEMENT INCLUDING LINKS SHALL BE AS FOLLOWS.

STRUCTURAL ELEMENT	COVER (mm)
RAFT BEAM & SLAB (EARTH FACE)	60
RAFT BEAM & SLAB (INTERNAL FACE)	60
COLUMN	40
BEAM	35
BEAM (EXTERNAL FACE)	40
SLAB	30
INTERNAL WALL	30
EXTERNAL WALL	40

- NOTE: EARTH FACE COVER OF BEAMS, COLUMNS & WALLS SHOULD BE 50mm

12.0 MATERIAL STRENGTHS

12.1 CONCRETE

- UNLESS OTHERWISE STATED, ORDINARY PORTLAND CEMENT CONFORMING TO BS 12, TO BE USED FOR ALL THE RC STRUCTURAL ELEMENTS.
- THE MINIMUM 28-DAY COMPRESSIVE CUBE STRENGTH OF CONCRETE FOR SPECIFIED STRUCTURAL ELEMENTS SHALL BE AS FOLLOWS UNLESS OTHERWISE STATED:

MAIN BUILDING	
LEAN CONCRETE	15 N/mm2
MASS CONCRETE	30 N/mm2
COLUMN, BEAM AND SLAB	30 N/mm2
EXTERNAL WORK	
PAVEMENTS	30 N/mm2
ALL OTHERS (CULVERT, DRAINS, MANHOLE, ETC)	30 N/mm2
FOUNDATION	
PILECAP, FOOTING, RAFT TIE-BEAM, CAPPING BEAM	30 N/mm2

- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
General notes
Page: S-01/10

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12.2 REINFORCEMENT

- UNLESS OTHERWISE STATED, BAR SIZE 10MM DIAMETER OR LARGER SHALL BE HIGH TENSILE TYPE II DEFORMED BARS. THE MINIMUM YIELD STRENGTH OF STEEL BAR REINFORCEMENT SHALL BE AS FOLLOWS:

MILD STEEL PLAIN BAR	250 N/mm2
HIGH TENSILE TYPE II DEFORMED BAR	415 N/mm2

12.25 REINFORCEMENT ANCHORAGE OR LAPPING IS AS FOLLOWS U.N.O.

	BAR GRADE 415
TENSION	45Ø
COMPRESSION	45Ø

Ø IS DIAMETER OF THE SMALLER SIZED LAPPED BAR.

- NO SPLICE SHALL BE MADE AT POINT OF MAXIMUM STRESS,EG IN BEAMS AND SLABS, THERE SHALL BE NO SPLICING OF TOP BARS OVER SUPPORTS NOR BOTTOM BARS AT MID-SPANS. SPLICES SHALL BE STAGGERED WHEREVER POSSIBLE. LAP LENGTH FOR UNEQUAL SIZE BARS (OR WIRES IN FABRIC) MAY BE BASED UPON THE SMALLER BAR. FOR BUNDLED BARS, THE EQUIVALENT DIAMETER SHALL BE USED. CRANKING OF BARS SHALL NOT EXCEED A SLOPE OF 1:10.
- FOR LAP LENGTH, WHERE SYMBOLS ARE NOT INDICATED, THE TENSION LAP LENGTH SHALL BE FOLLOWED.

13.0 STIRRUPS, LINKS AND TIES

- ALL STIRRUPS, LINKS AND TIES IN BEAMS, COLUMNS AND WALLS RESPECTIVELY SHALL TERMINATE NOT MORE THAN 75mm FROM THE FACE OF ANY ADJACENT STRUCTURAL MEMBERS.

14.0 SLAB DISTRIBUTION BARS

- REGARDLESS OF WHETHER OR NOT SHOWN ON PLAN, ALL DISTRIBUTION BARS FOR SLAB SHALL COMPRISE TYPICALLY ONE OF THE FOLLOWING COMBINATIONS, UNLESS OTHERWISE STATED IN THE RELEVANT DRAWINGS :

SLAB THICKNESS (mm)	MIN. DISTRIBUTION BAR
250 OR LESS	T10-300
GREATER THAN 250 BUT LESS THAN OR EQUAL TO 300	T10-200
GREATER THAN 300 BUT LESS THAN OR EQUAL TO 400	T10-150

15.0 FLOOR RENDERING

- THICKNESS OF SCREED RENDERING/MASS CONCRETE TOPPING EXCEEDING 60 OR MORE SHALL BE REINFORCED WITH ONE LAYER OF R6.

16.0 SHRINKAGE CRACKS

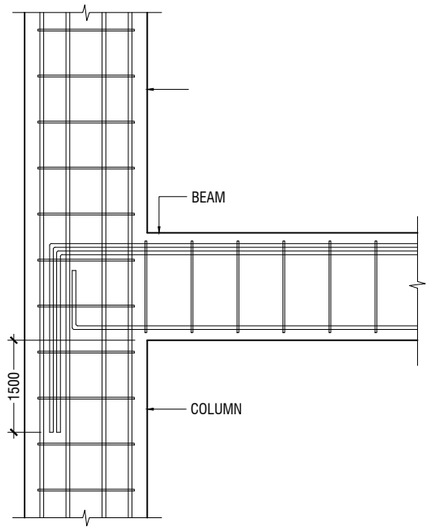
- THE SURFACE OF CONCRETE SHALL BE ADEQUATELY AND CONTINUOUSLY CURED TO SPECIFICATION TO PREVENT FORMATION OF SHRINKAGE CRACKS.THOUGH SHRINKAGE CRACKS HAVE NO EFFECT ON THE STRENGTH AND INTEGRITY OF THE STRUCTURE,THEY SHOULD BE SEALED BY EPOXY PRESSURE GROUTING. ALL COST INCURRED FOR THE NECESSARY SEALING UP OF SHRINKAGE CRACKS BY EPOXY PRESSURE GROUTING SHALL BE DEEMED TO BE INCLUDED IN THE CONCRETE WORK AS TENDERED.

17.0 STEEL BAR CORROSION PROTECTION

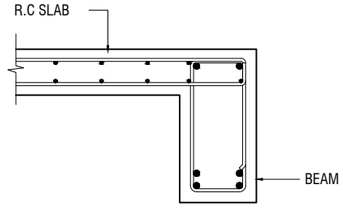
- ALL EXPOSED BARS FOR FUTURE CONSTRUCTION PURPOSES (EXCEEDING 3 MONTHS) MUST BE COATED WITH MASTER EMACO 8100 AP OR APPROVED EQUIVALENT AND PROVIDED WITH ADEQUATE MAINTENANCE.

18.0 SPACER BARS

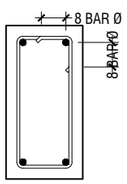
- ALL SPACER BARS BETWEEN 2 OR MORE LAYERS OF REINFORCEMENT SHALL T25 OR BAR DIAMETER (WHICHEVER IS GREATER) AT ±1-5M C/C.



BEAM TO COLUMN CONNECTION

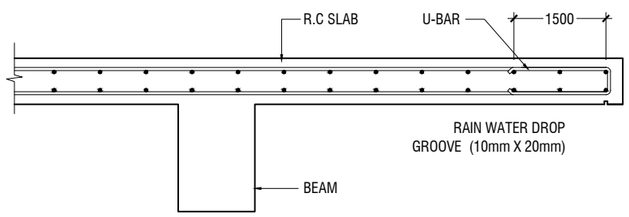


SLAB-BEAM ANCHORAGE DETAIL



Ø = DIA OF LINK

SHEAR LINKS ANCHORAGE DETAIL



CANTILEVERED SLAB EDGE DETAIL

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
General notes
Page: S-02/10

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19.0 STRUCTURAL TIMBER SPECIFICATION

19.1 THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE, AND ARE NOT INTENDED TO INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND FOR JOB SAFETY.

19.2 THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

19.3 ALL CONSTRUCTION IS IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

19.4 ALL TIMBER FOR STRUCTURAL USE SHALL BE HARDWOOD OR SOFTWOOD OF VISUAL GRADE C/D IN ACCORDANCE WITH BS 5756 WITH THE FOLLOWING MINIMUM GRADE STRESSES:

19.5 CONNECTIONS

PLATES - STAINLESS STEEL GRADE 316 OF STATED THICKNESS
BOLTS - SS GRADE 316

19.6 TIMBER TREATMENT

MOISTURE - PRESSURE IMPREGNATION OF CCA
INSECTS - TERMITE TREATMENT FOR TIMBER IN / NEAR GROUND

20.0 STRUCTURAL STEEL SPECIFICATION

1. SEE 21.0 ON PRIMARY CODES AND SPECIFICATIONS.

2. MATERIALS:

W-SHAPES & WT-SHAPES..... ASTM A992
S-SHAPES, M-SHAPES, HP-SHAPES..... ASTM A36
ST-SHAPES & MT-SHAPES..... ASTM A36
C-SHAPES & MC-SHAPES..... ASTM A36
ANGLES & PLATES..... ASTM A36
HSS SHAPES..... ASTM A500, GRADE B
STEEL PIPE..... ASTM A53 (TYPE E OR S), GRADE B
HIGH STRENGTH BOLTS..... ASTM A325
MACHINE BOLTS..... ASTM A307
ANCHOR RODS.....ASTM F1554, GRADE 55 TYPE S1(UNO)
WELDED HEADED STUDS..... ASTM A108
DEFORMED BAR ANCHORS..... ASTM A496
WELDING ELECTRODES..... AWS D1.1, E70 SERIES

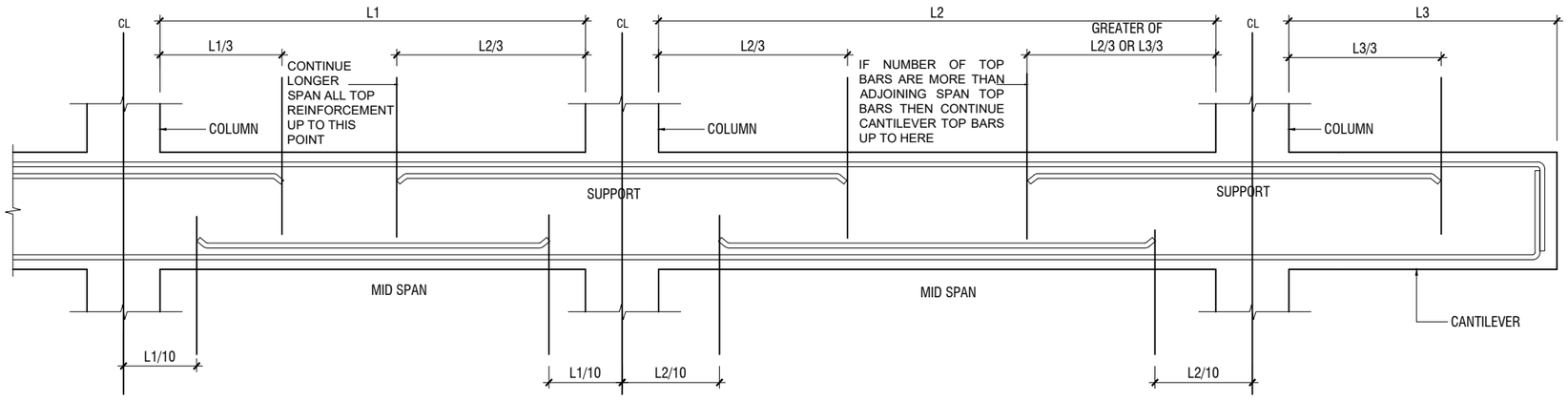
3. NON-SHRINK, NON-METALLIC GROUT WITH A 28 DAY STRENGTH OF 35MPa SHALL BE USED UNDER BASE PLATES AND SHALL CONFORM TO BS EN 12390-3 AND EN 196-1. MASTERFLOW 542 OR EQUIVALENT MAYBE USED.

23.0 POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER OF RECORD (EOR) PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSINGS OR MISPLACED ANCHORS.

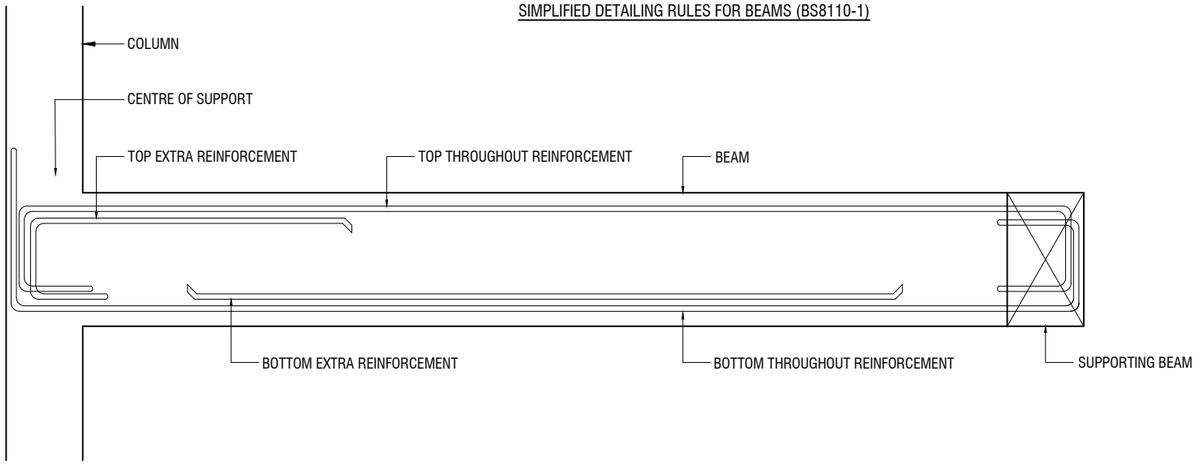
2. CARE SHALL BE GIVEN TO AVOID CONFLICTS WITH EXISTING REINFORCING WHEN DRILLING HOLES. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT NOT LESS THAN MINIMUM EDGE DISTANCES AND/OR SPACINGS INDICATED IN THE MANUFACTURER'S LITERATURE.

3. SPECIAL INSPECTION SHALL BE PROVIDED FOR ALL ADHESIVE AND MECHANICAL ANCHOR INSTALLATIONS AS REQUIRED BY THE EOR. INDEPENDENT ON-SITE PROOF LOAD TESTING SHALL BE PERFORMED AS REQUIRED BY THE EOR. CONTACT EOR FOR NUMBER OF ANCHORS REQUIRED TO BE TESTED AND REQUIRED PROOF LOAD MAGNITUDE.

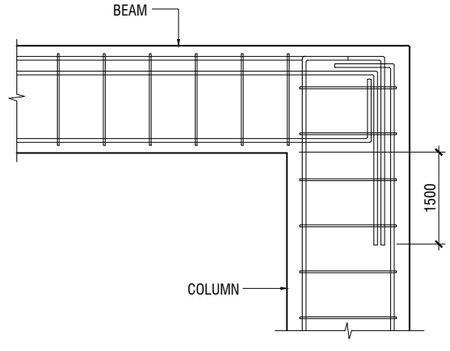


L1 = SHORTER SPAN
L2 = LONGER SPAN
L3 = CANTILEVER LENGTH

SIMPLIFIED DETAILING RULES FOR BEAMS (BS8110-1)



LONGITUDINAL SECTION OF TYPICAL SLAB BEAM SPANNING BETWEEN A COLUMN AND BEAM SHOWING END SPAN MID SPAN REINFORCEMENT DETAILS



END COLUMN TO BEAM CONNECTION

NOTE:
STANDARD DETAILS GIVEN HERE ALSO APPLIES TO FOUNDATION MEMBERS OTHER DETAILS NOT FOUND HERE SHALL BE REFEREED TO IN RELEVANT BS CODES OR SHALL BE APPROVED BY CLIENT'S ENGINEER

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
General notes
Page: S-03/10

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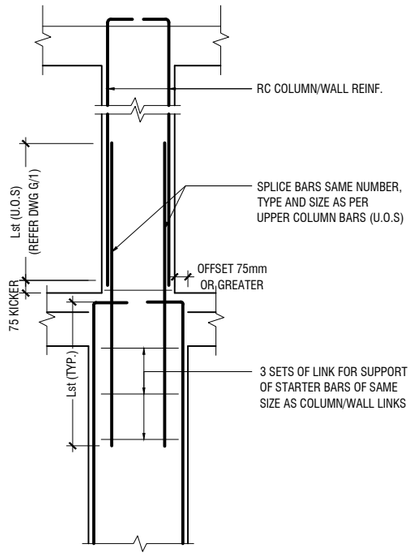
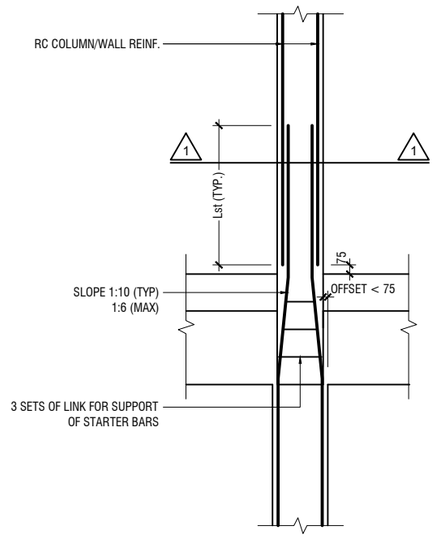


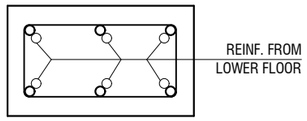
A) FOR COLUMN OFFSET > 75mm

TO BE VERIFIED BY THE CONSULTING ENGINEER

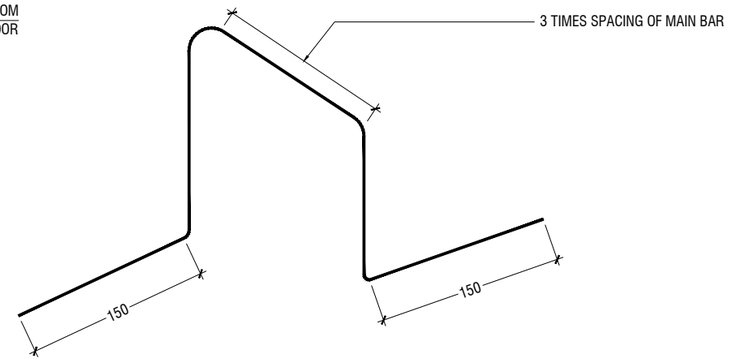


B) FOR COLUMN OFFSET < 75mm

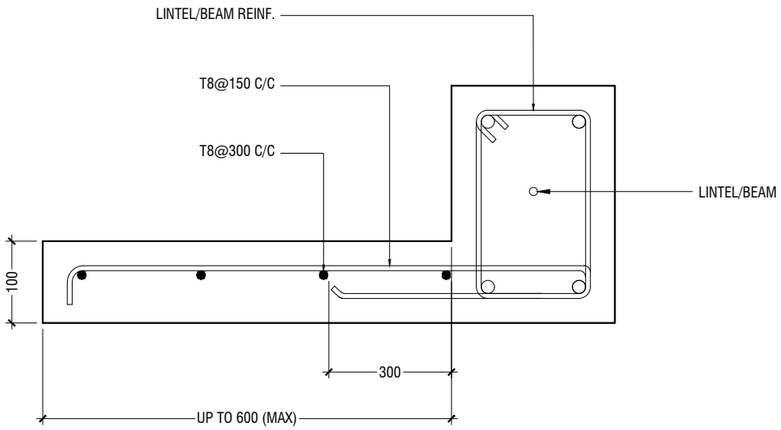
COLUMN/WALL REINF. LAPPING DETAIL AT FLOOR LEVEL



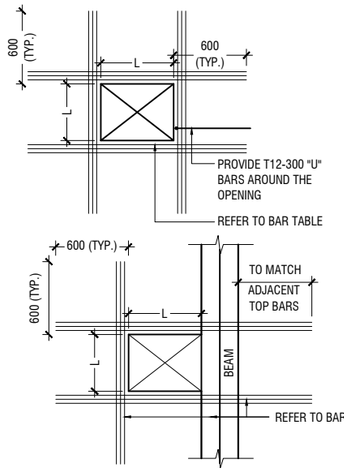
SECTION-1-1



TYPICAL CHAIR DETAIL



TYPICAL CANTILEVER DETAILS



FLOOR OPENING (L)	ADD BARS
LESS THAN 250	3T12 T & B
L = > 250 < 500	3T16 T & B
L = ⩾ 500 < 1000	3T16 T & B

NOTE:-

1. FOR OPENINGS LESS THAN 200x200. SLAB REBARS TO BE ADJUSTED AROUND OPENING.
2. FOR OPENINGS GREATER THAN 250x250 TO BE APPROVED BY THE ENGINEER.
3. ALL SLAB OPENINGS LOCATION TO BE APPROVED BY THE ENGINEER.
4. EQUIVALENT OPENING AREA SHALL APPLY THE DETAILS SHOWN ABOVE.
5. EQUIVALENT OPENING AREA SHALL INCLUDE RECTANGLE, TRIANGLE AND ANY POLYGON SHAPE.
6. EXCEPT HACKING, NO SLAB CORING ARE ADVISABLE FOR POST-TENSIONED SLAB.

TYPICAL TRIMMER BARS DETAILS FOR OPENING IN SLABS

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 03
General notes
Page: S-04/10

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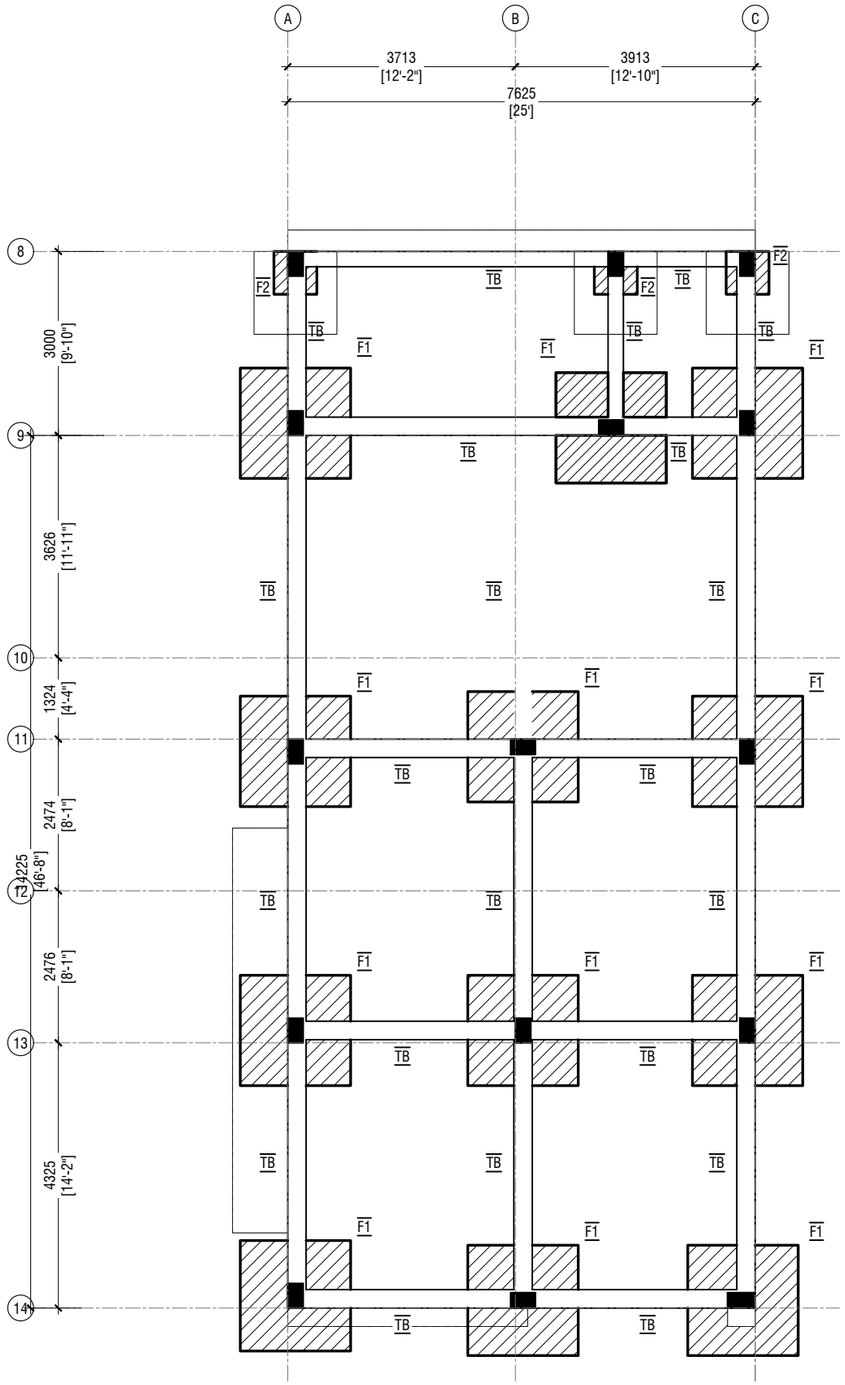


FOUNDATION PLAN

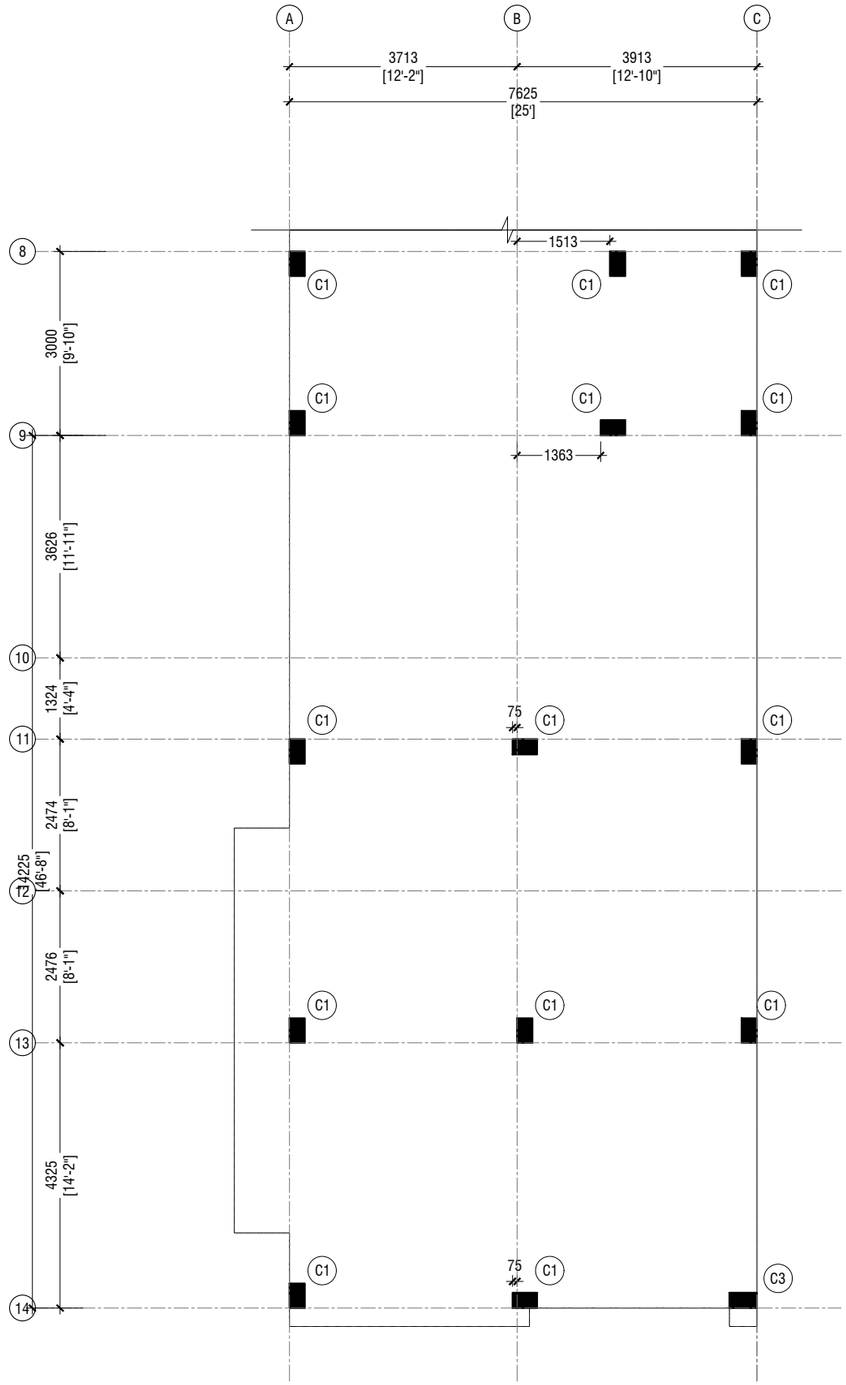
SCALE 1:100

0 0.5 1 2 3 4 5

NOTES:

FI - 1800mmX1800mmX300mm, FOUNDATION DEPTH - 1m

FOOTING FOR LIFT - 3mX3mX300mm, FOUNDATION DEPTH - 1.4m



GROUND FLOOR AND FIRST FLOOR COLUMN PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
Foundation &Col Layout
Page: S-05/10

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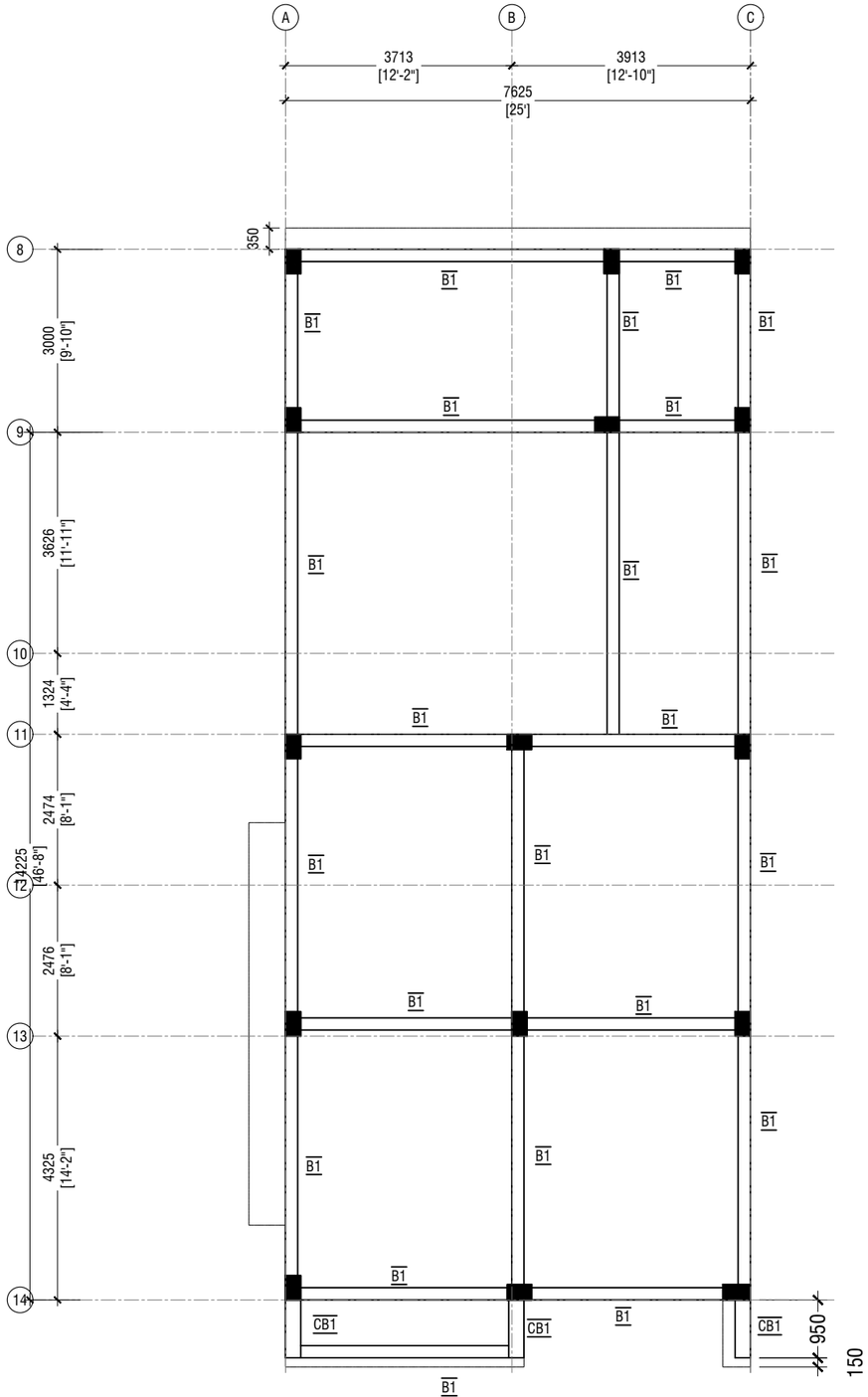
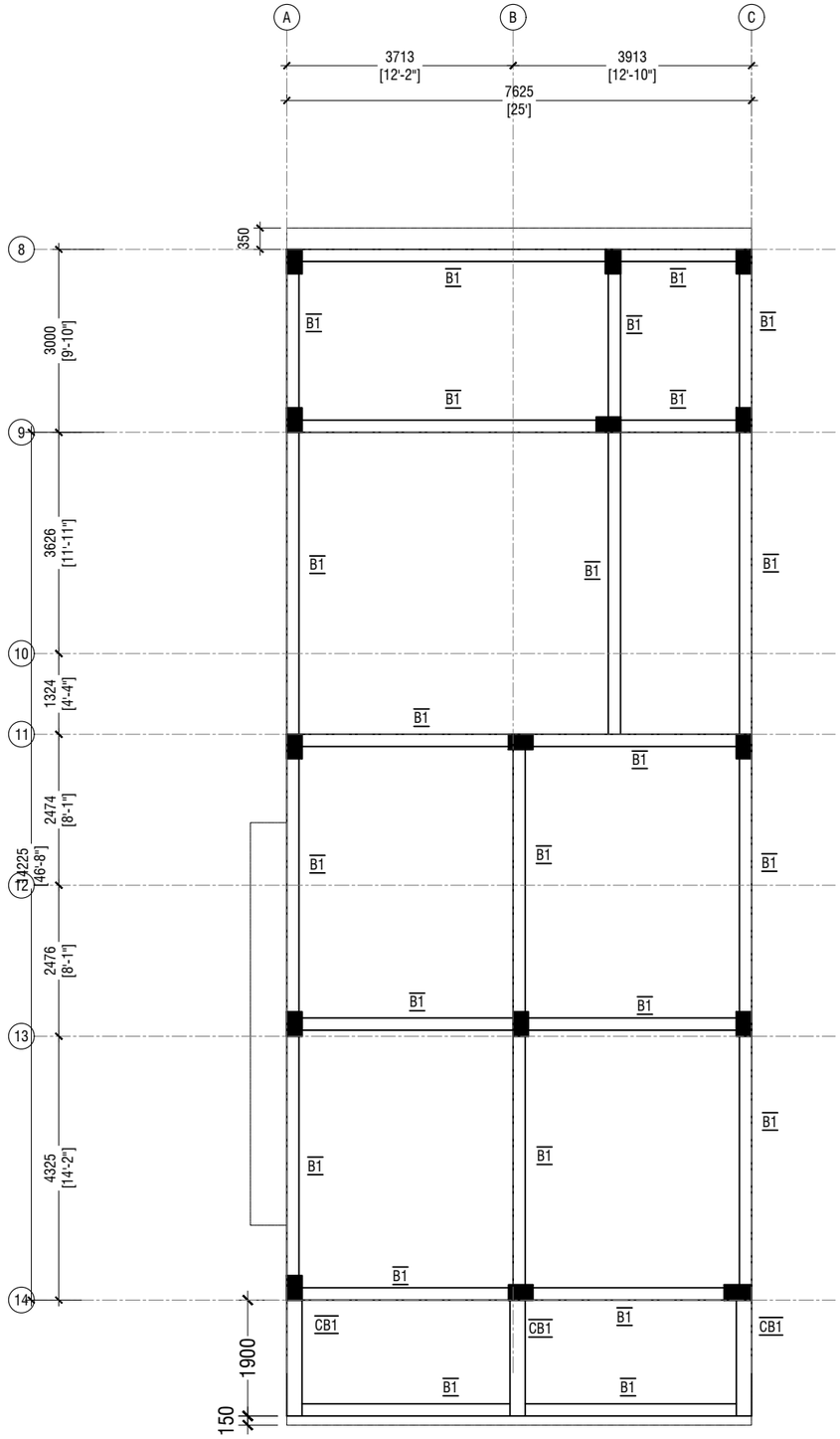


FIRST FLOOR BEAM LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5



TERRACE FLOOR BEAM LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

Meteorological Office Building
Client: Maldives Meteorological Service

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

Rev no	Date
01	12.12.2019
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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
First & Terrace beam plan
Page: S-06/10

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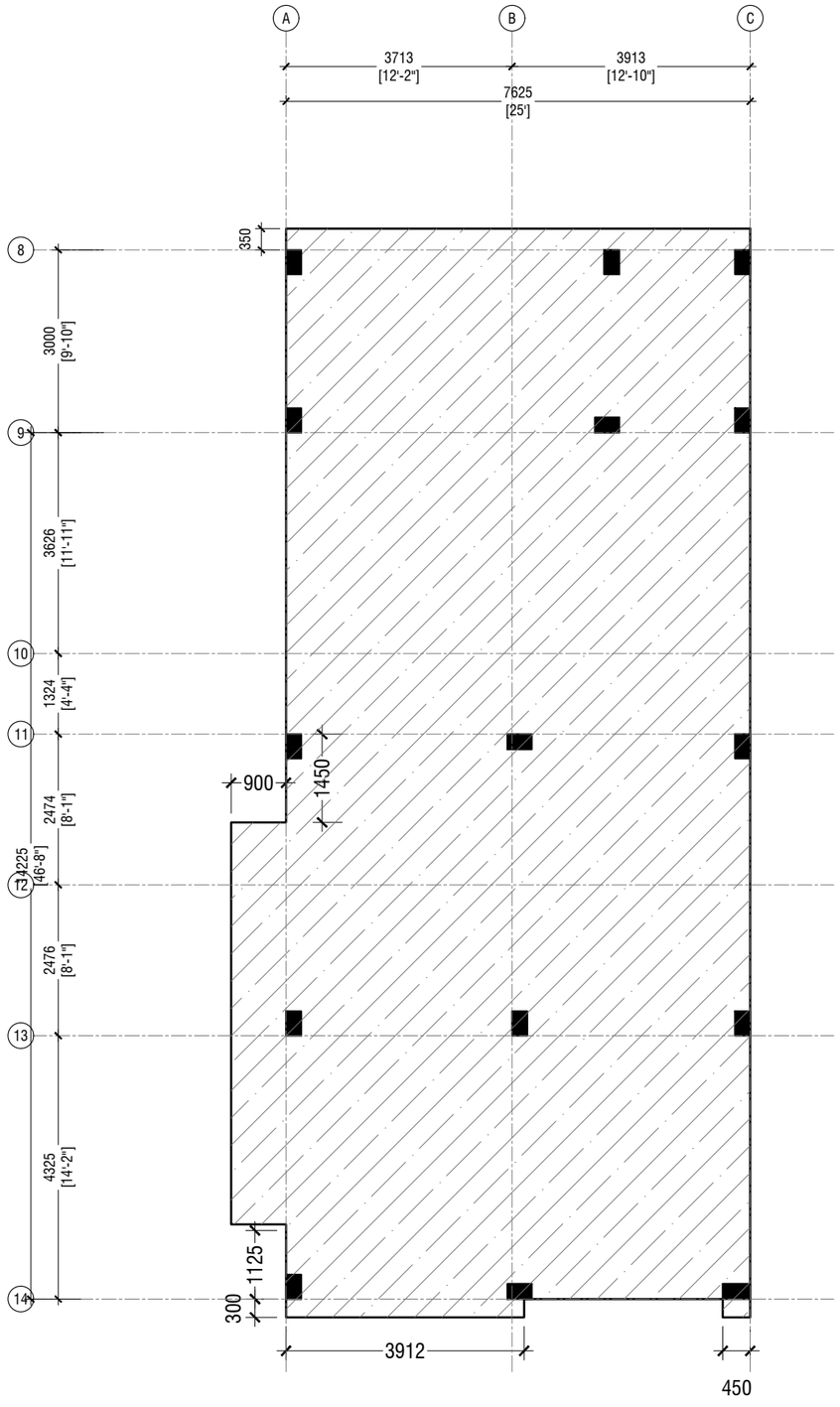


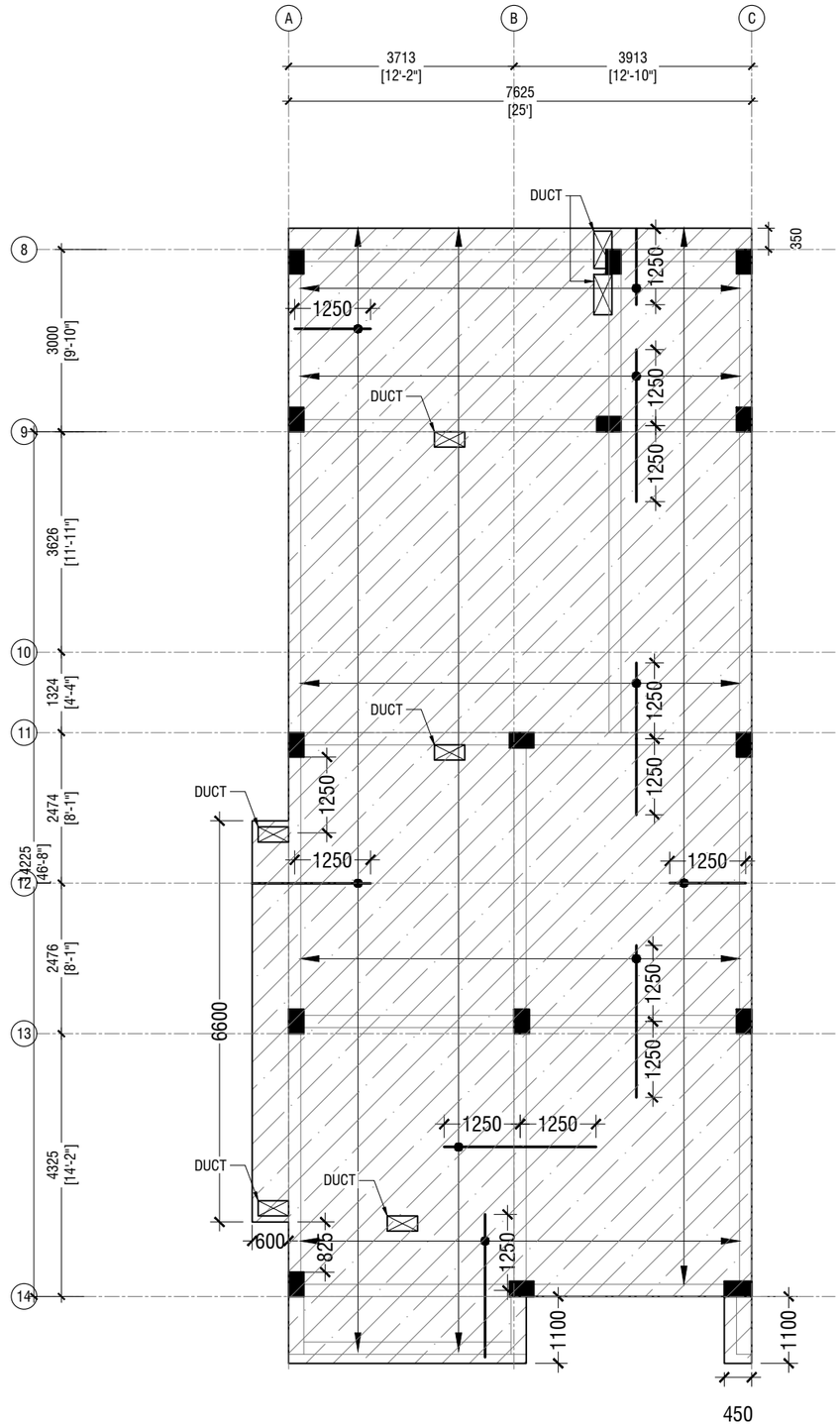
GROUND FLOOR SLAB DETAILS

SCALE 1:100

0 0.5 1 2 3 4 5

NOTE:-

- 150mm THK GROUND FLOOR SLAB ON COMPACTED FILL @ +700mm
  BOTTOM - T10@200mmC/C BW
  TOP - T10@200mm C/C BW



FIRST FLOOR SLAB DETAILS

SCALE 1:100

0 0.5 1 2 3 4 5

NOTE:-

- 150mm THK GROUND FLOOR SLAB ON FILL @ +700mm
  BOTTOM - T10@150mmC/C BW
  TOP - T10@150mm C/C BW

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Maniyam Irasha
Engineer :
Drawn by: Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
Slab Reinf. plan
Page: S-07/10

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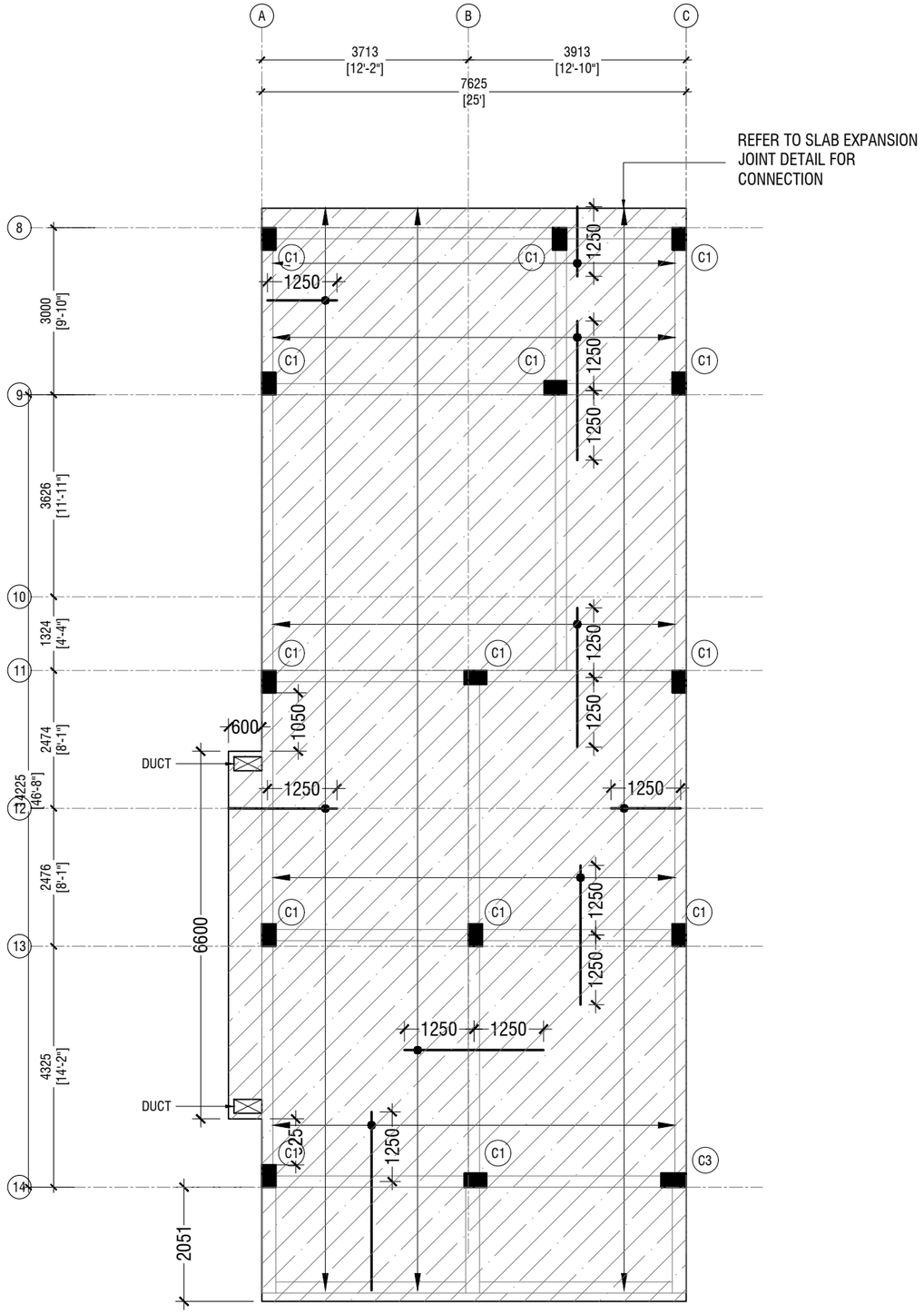
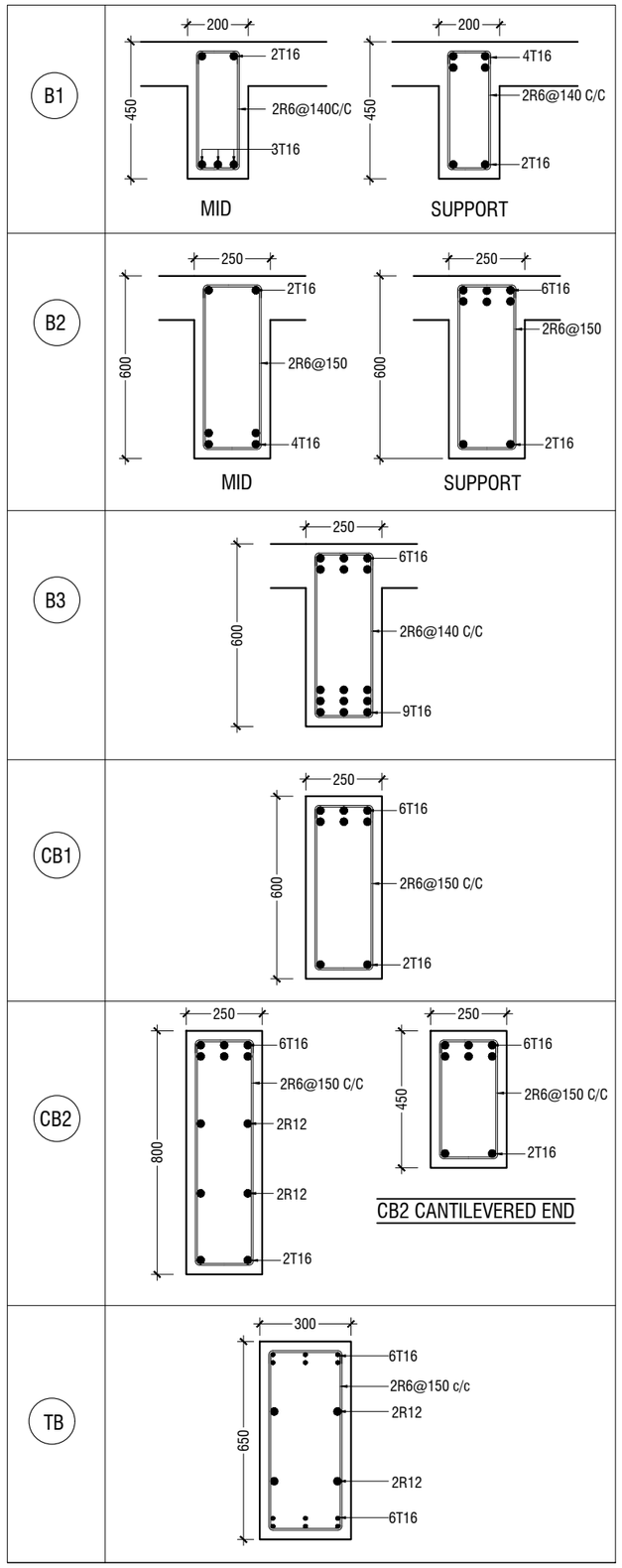
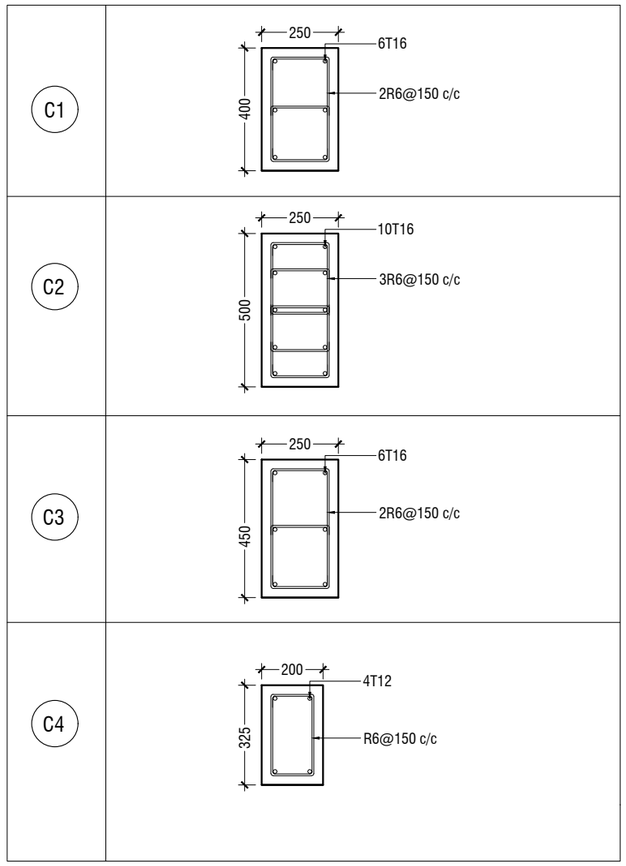

A
B
C
3713
[12'-2"]
3913
[12'-10"]
7625
[25']
REFER TO SLAB EXPANSION JOINT DETAIL FOR CONNECTION
8
9
10
11
13
14
3000
[9'-10"]
3626
[11'-11"]
1324
[4'-4"]
2474
[8'-1"]
1225
[46'-8"]
2476
[8'-1"]
4325
[14'-2"]
6600
2051
C1
C3
1250
1050
600
DUCT
1250
1250
1250





COLUMN DETAILS

SCALE 1:20

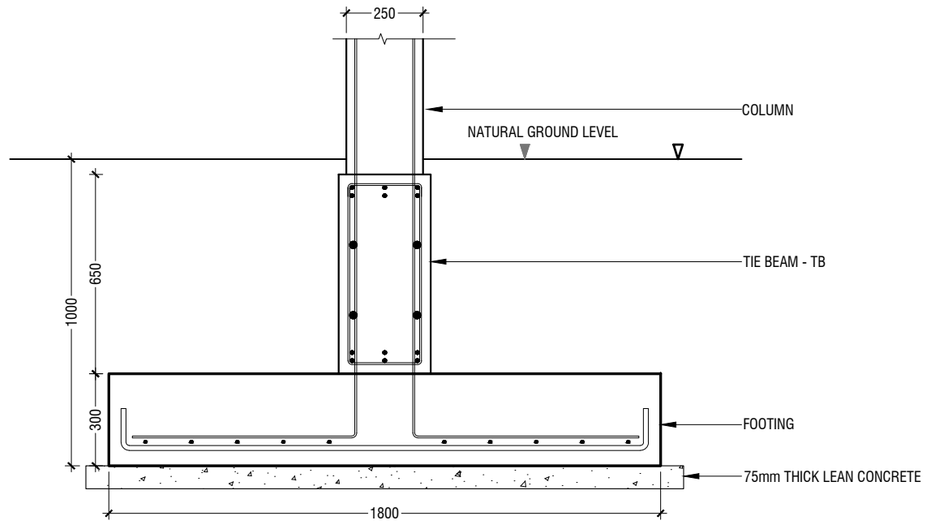
0 0.1 0.2 0.4 0.6 0.8 1

TYPE	SIZE	REINFORCEMENT
F1	1800 X 1800 X 300	T16 @ 200 C/C BW (B)
F2	1350 X 1350 X 300	T12 @ 200 C/C BW (B)

FOOTING DETAILS

SCALE 1:20

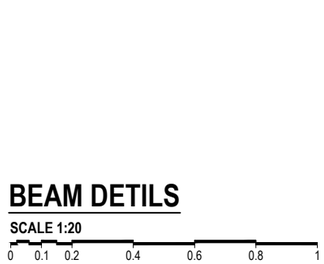
0 0.1 0.2 0.4 0.6 0.8 1



TYPICAL FOOTING SECTION

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



BEAM DETILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Maryam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
Structural details
Page: S-09/10

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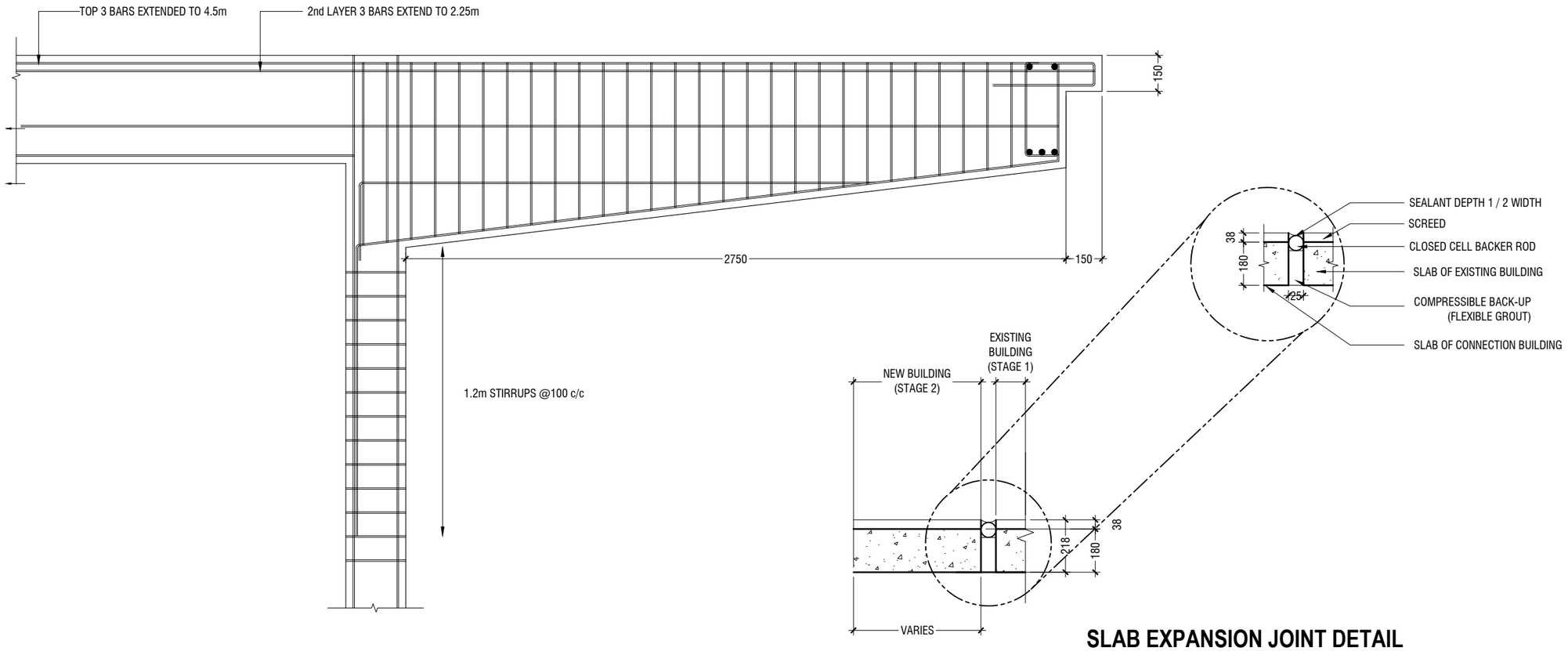

CB2 - TYPICAL SECTION

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

SLAB EXPANSION JOINT DETAIL

SCALE 1:20

STRUCTURAL DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

STRUCTURAL DETAILS

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
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Title: Phase 03
Structural details
Page: S-10/10

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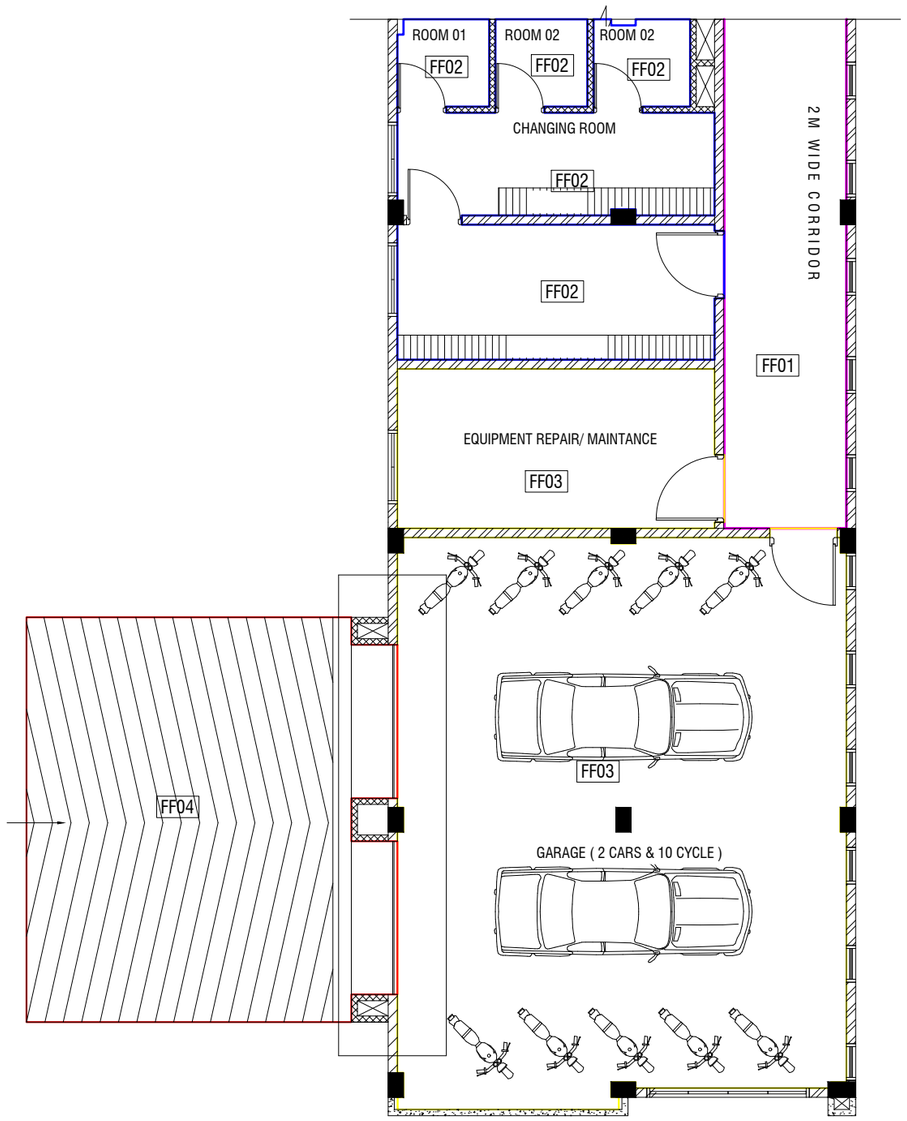
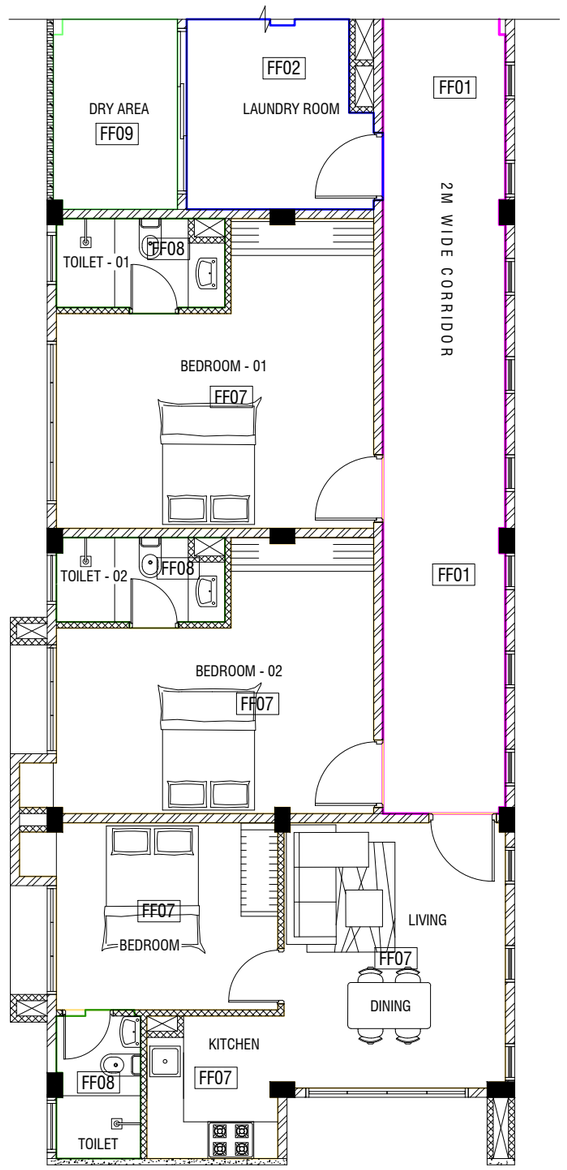


GROUND FLOOR
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5



FIRST FLOOR
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

Code		Description
FF01		600mmX600mm Non-Slip Homogenous Floor Tile
FF02		600mmX600mm Non-Slip Ceramic Floor Tile
FF03		Gray Epoxy Paint Finish Over Levellign Screed
FF04		Cement Screeding with 10mm groove finish with elastomeric paint
FF05		300mmX600mm Non-skid Deck Floor Tile
FF06		Paver Block
FF07		600mmX600mm Porcelain Ceramic Floor Tile
FF08		300mmX600mm Non-skid Ceramic Floor Tile
FF09		400mmX400mm Non-Slip Ceramic Floor Tile

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
Floor finishes plans
Page: F-01/01

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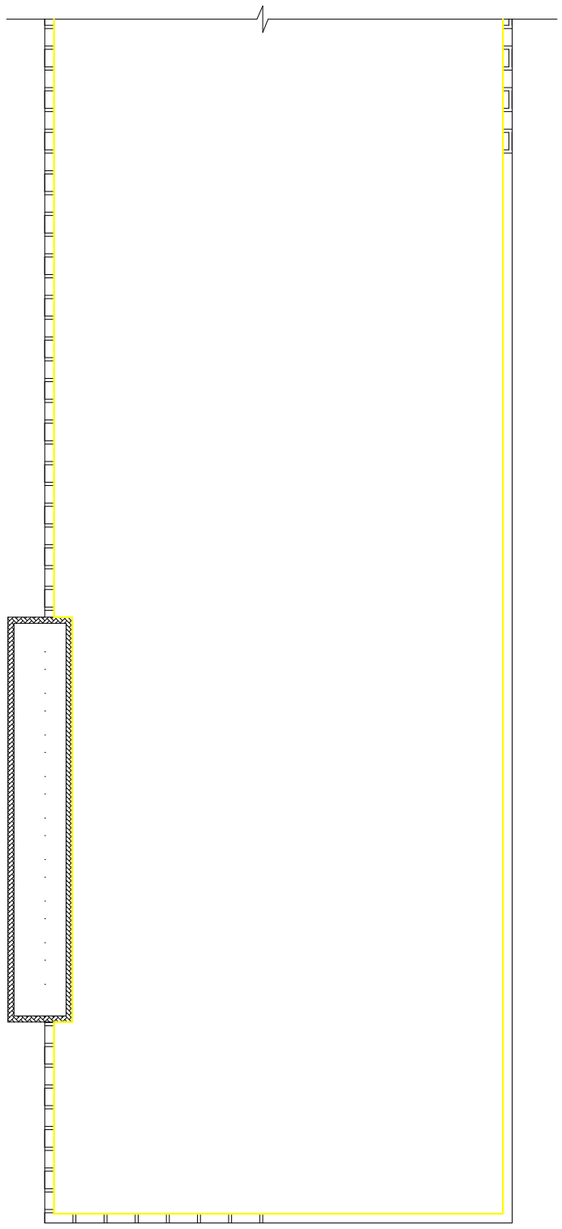

TERRACE FLOOR
FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

Code		Description
FF01		600mmX600mm Non-Slip Homogenous Floor Tile
FF02		600mmX600mm Non-Slip Ceramic Floor Tile
FF03		Gray Epoxy Paint Finish Over Levellign Screed
FF04		Cement Screeding with 10mm groove finish with elastomeric paint
FF05		300mmX600mm Non-skid Deck Floor Tile
FF06		Paver Block
FF07		600mmX600mm Porcelain Ceramic Floor Tile
FF08		300mmX600mm Non-skid Ceramic Floor Tile
FF09		400mmX400mm Non-Slip Ceramic Floor Tile

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
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Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

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Title: Phase 03
Terrace Floor finishes plan
Page: F-02/02

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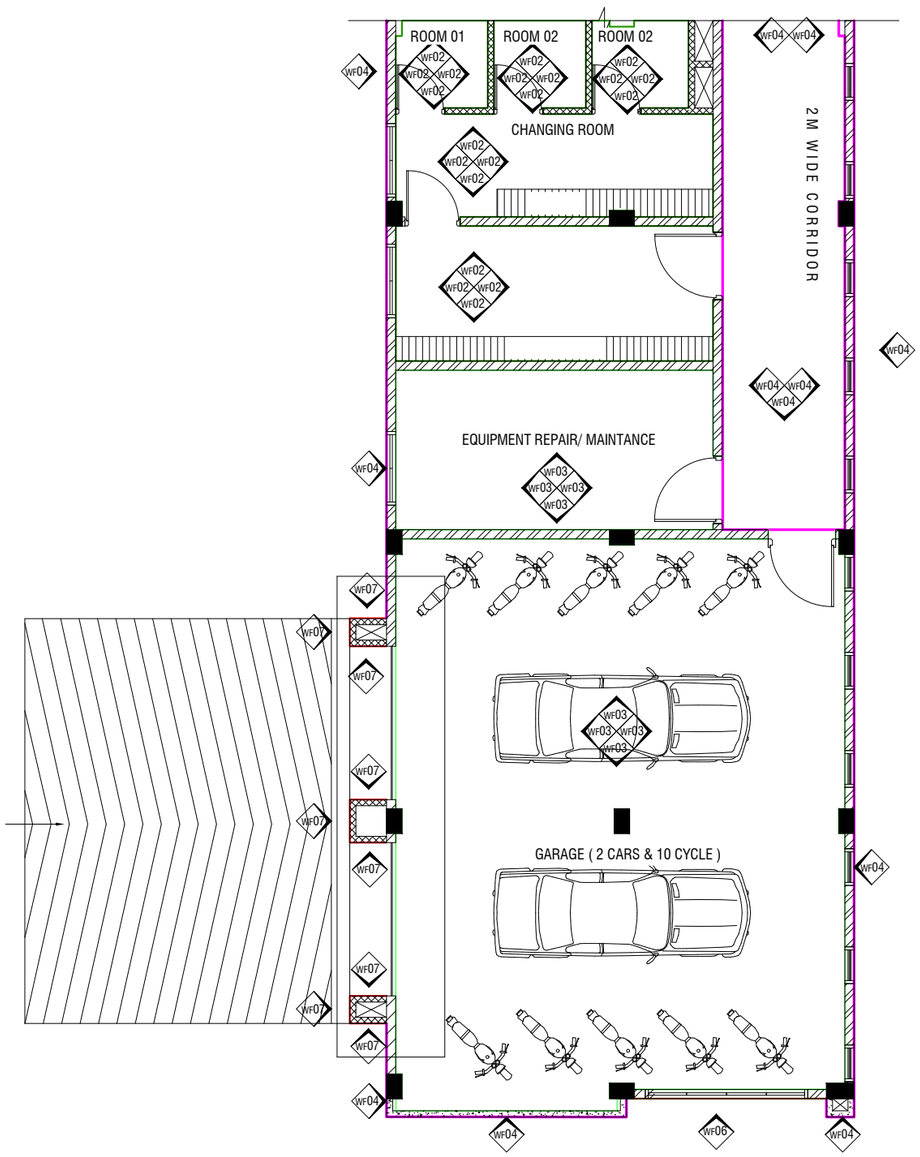
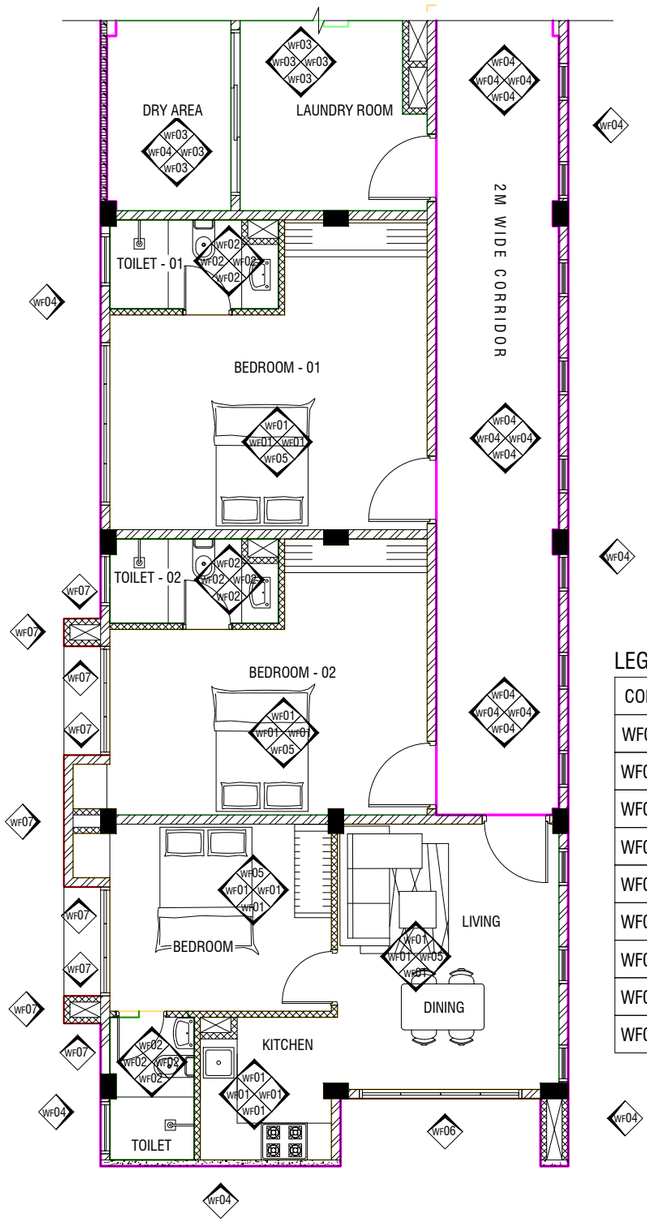


GROUND FLOOR
WALL FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5



FIRST FLOOR
WALL FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

CODE		DESCRIPTION
WF01		Ground Smooth in Matte Interior Grade White Paint Finish
WF02		300mmx600mm Ceramic tiles in Matte Finish
WF03		Ground Smooth in Semi-Gloss Gray Paint Finish
WF04		Ground Smooth in Semi-Gloss Exterior Grade White Paint Finish
WF05		Ground Smooth in Matte Interior Grade Dark Gray Paint Finish
WF06		Cream Color Textured Exterior Wall tile
WF07		Timber Textured Exterior Aluminium Laminate Wall cladding
WF08		Grey Color Exterior Aluminium Laminate Wall cladding
WF09		Exterior Glass Wall

Meteorological Office Building
Client: Maldives Meteorological Service

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Interior :

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Title: Phase 03
Wall finishes plans
Page: F-03/03

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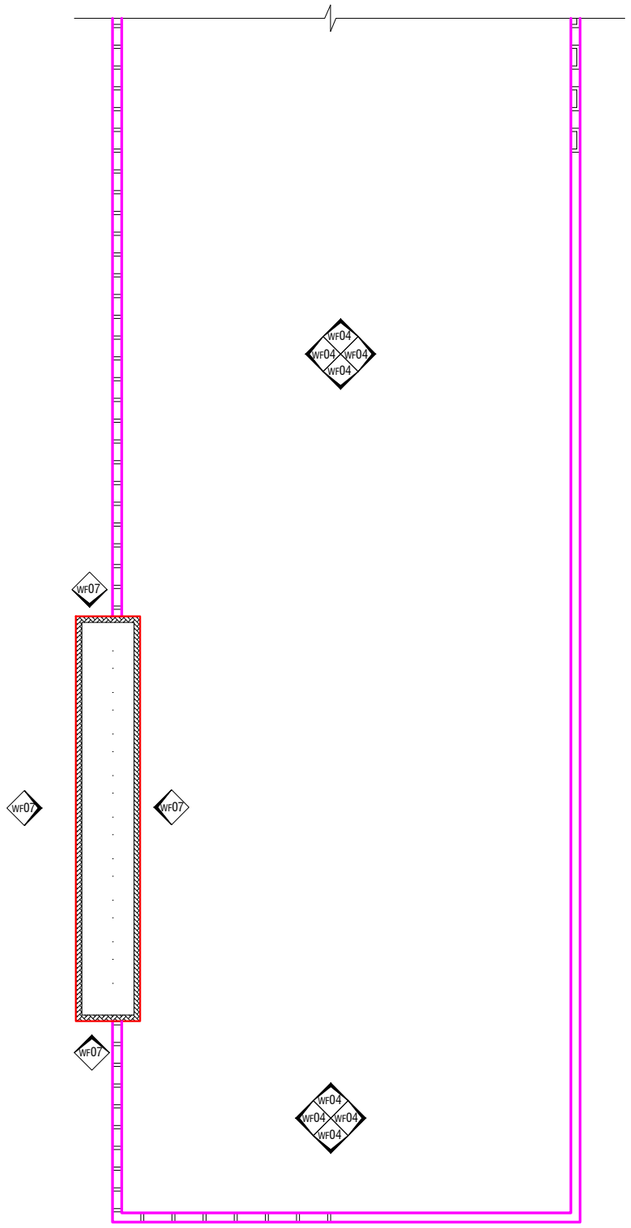

TERRACE FLOOR
WALL FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND:

CODE		DESCRIPTION
WF01		Ground Smooth in Matte Interior Grade White Paint Finish
WF02		300mmx600mm Ceramic tiles in Matte Finish
WF03		Ground Smooth in Semi-Gloss Gray Paint Finish
WF04		Ground Smooth in Semi-Gloss Exterior Grade White Paint Finish
WF05		Ground Smooth in Matte Interior Grade Dark Gray Paint Finish
WF06		Cream Color Textured Exterior Wall tile
WF07		Timber Textured Exterior Aluminium Laminate Wall cladding
WF08		Grey Color Exterior Aluminium Laminate Wall cladding
WF09		Exterior Glass Wall

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
--	----------
--	----------

Project Number: RI/2019/000
Date: 5 DECEMBER 2019
Architect : Mariyam Irasha
Engineer :
Drawn by : Prabhakaran Nadimuthu
Services :
Interior :

RIYAN PRIVATE LIMITED

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w : www.riyan.com.mv
3rd floor, H. Azum, Ameeneemagu, Male'

Title: Phase 03
Terrace Wall finishes plan
Page: F-04/04

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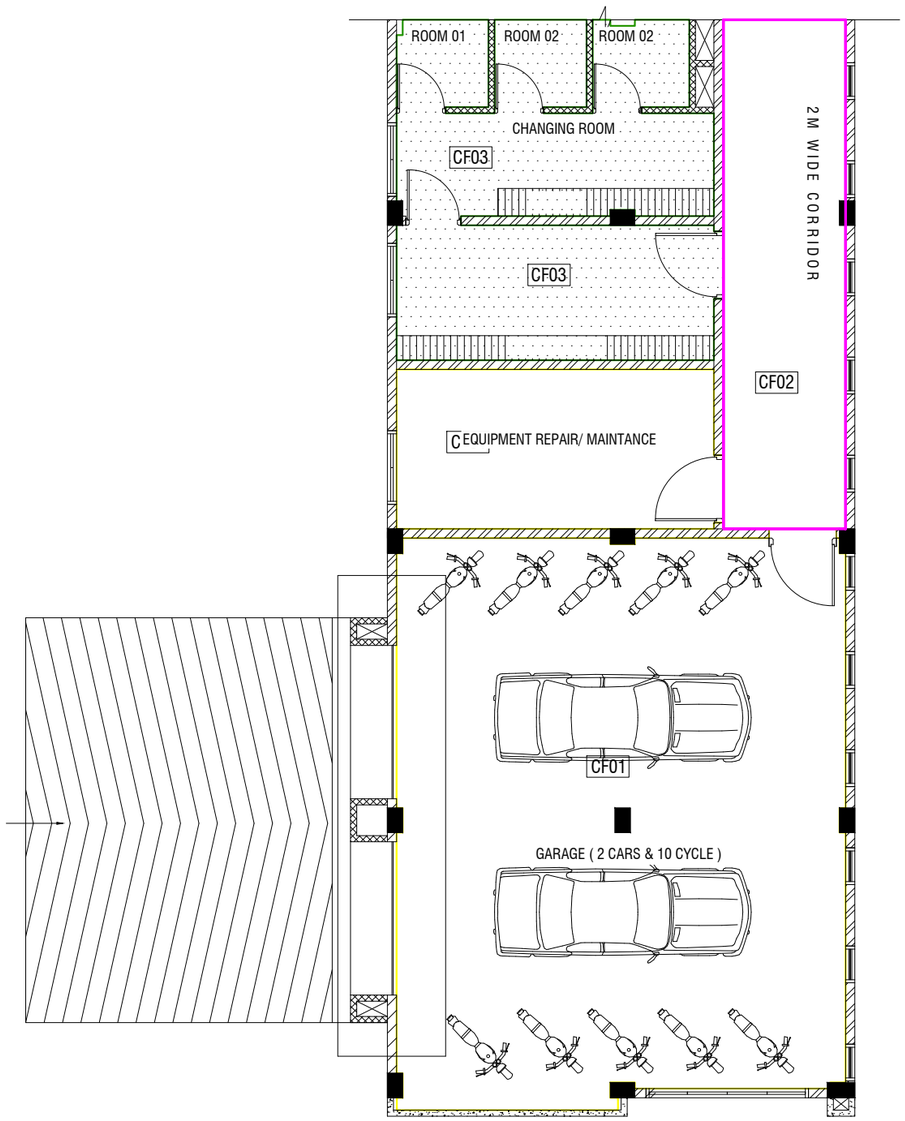
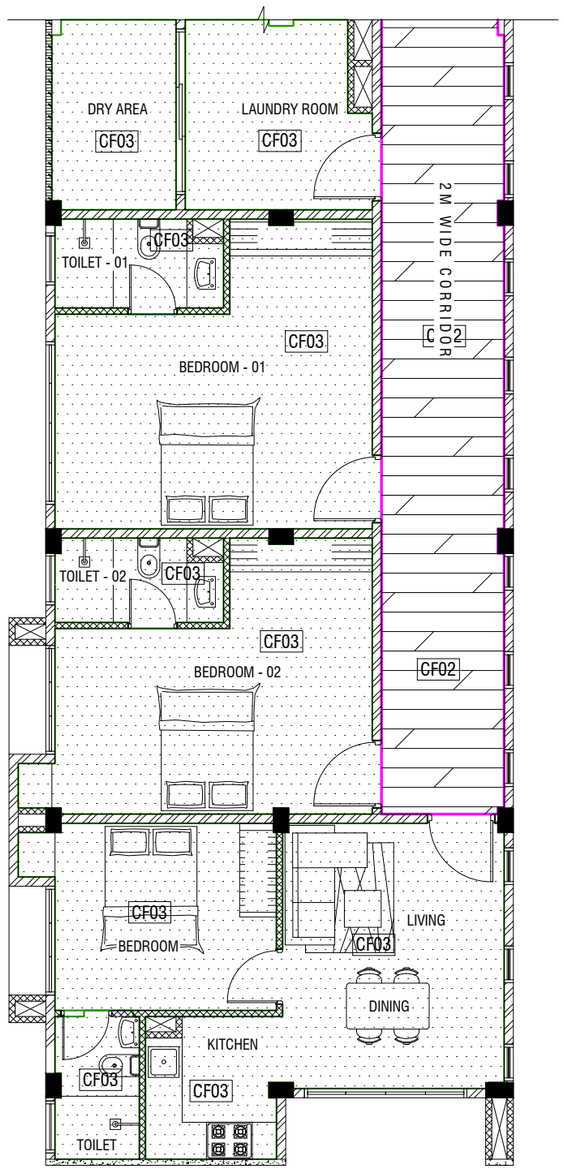


GROUND FLOOR
REFLECTED CEILING PLAN

SCALE 1:100

0 0.5 1 2 3 4 5



FIRST FLOOR
REFLECTED CEILING PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND

Code		Description
CF01		SMOOTH PUTTY UNDER RC SLAB/BEAM WITH SATIN WHITE PAINT FINISH
CF02		FALSE FLAT CEILING WITH 12mm CALCIUM SILICATE BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH
CF03		FALSE FLAT CEILING WITH 12mm THICK GYPSUM BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH

CF01

CF02

CF03

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
01	12.12.2019
02	26.02.2020
--	----------
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Project Number: RI/2019/000
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Phase 03
Title: Reflected ceiling finishes plan
Page: F-05/05

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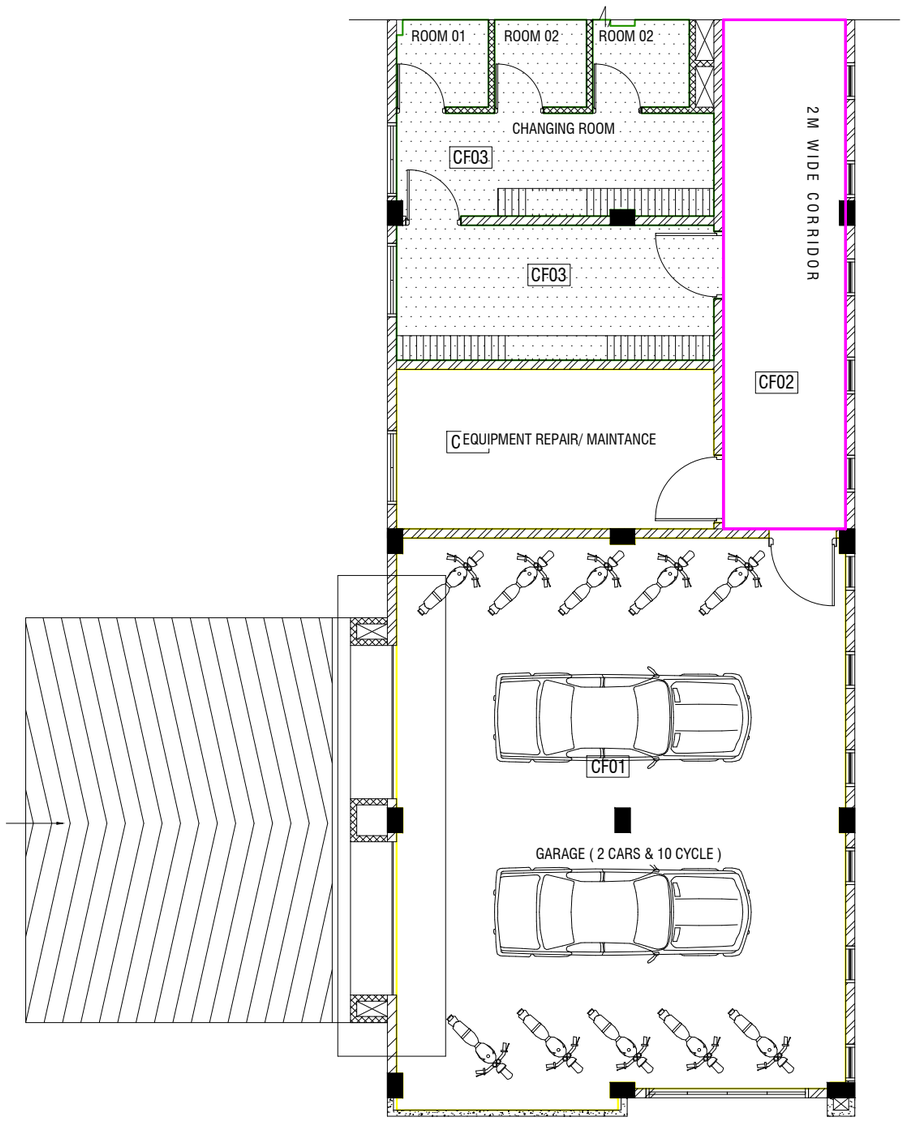
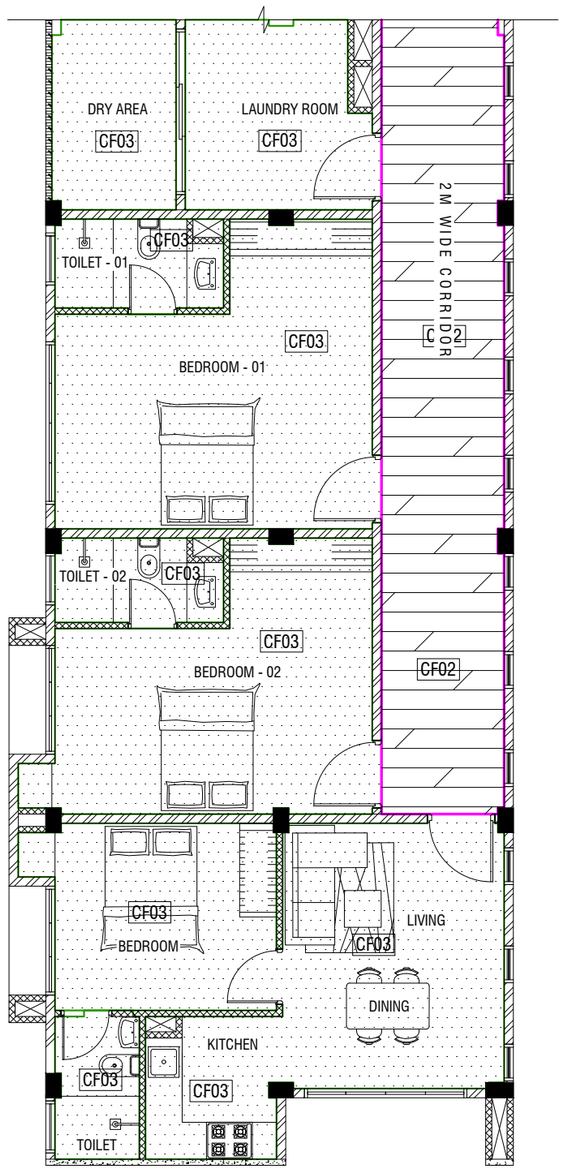


GROUND FLOOR
REFLECTED CEILING PLAN

SCALE 1:100

0 0.5 1 2 3 4 5



FIRST FLOOR
REFLECTED CEILING PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND

CF01

CF02

CF03

Code		Description
CF01		SMOOTH PUTTY UNDER RC SLAB/BEAM WITH SATIN WHITE PAINT FINISH
CF02		FALSE FLAT CEILING WITH 12mm CALCIUM SILICATE BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH
CF03		FALSE FLAT CEILING WITH 12mm THICK GYPSUM BOARD UNDER 50X50mm CEILING JOIST WITH EMULSION PAINT FINISH

Meteorological Office Building
Client: Maldives Meteorological Service

Rev no	Date
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Phase 03
Title: Reflected ceiling finishes plan
Page: F-06/06

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Annex 3: Chance Find Procedure (CFP) for the proposed project

Chance Find Procedure for Proposed Construction of Meteorological Office Building and Radar System in Gan International Airport

Purpose of the chance find procedure

The chance find procedure is a project-specific procedure that outlines actions required if previously unknown heritage resources, particularly archaeological resources, are encountered during project construction or operation. A Chance Find Procedure (CFP), as described in and National Heritage Act (Law no. 12/2019) is a process that prevents chance finds from being disturbed until an assessment by a competent specialist is made and actions consistent with the requirements are implemented.

Culturally Significant site near the project site is Gan Friday Mosque. Gan Friday Mosque has an accompanying burial ground. This site is included in the National Heritage Registry published in National Gazette. The Gan Friday Mosque is an old mosque which was the main mosque for the resident of S. Gan till the island was vacated to establish British military base during World War two. The burial ground is final resting place for many royal family members who ruled Addu Atoll in ancient times.

Scope of the chance find procedure

This procedure is applicable to all activities conducted by the personnel, including contractors, that have the potential to uncover a heritage item/site. The procedure details the actions to be taken when a previously unidentified and potential heritage item/site is found during construction activities. Procedure outlines the roles and responsibilities and the response times required from both Enhancing Climate Resilience and Food Security (ECRFS) project staff, and any relevant staff from National Center for Cultural Heritage (NCCH).

Induction/Training

All personnel, especially those working on earth movements and excavations, are the inducted on the identification of potential heritage items/sites and the relevant actions for them with regards to this procedure during the Project induction. In addition, a Code of Conduct will be signed by each of the project workers which includes provisions of this CFP. Cultural significance training will be conducted for the project workers by NCCH. Local

communities, especially S. Feydhoo[1] residents will be engaged in case human remains are discovered.

Chance Find Procedure

If any person discovers a physical cultural resource, such as (but not limited to) archaeological sites, historical sites, remains and objects, or a cemetery and/or individual graves during excavation or construction, the following steps shall be taken:

1. Stop all works in the vicinity of the find, until a solution is found for the preservation of these artefacts, or advice from the relevant authorities is obtained;

2. Immediately notify a foreman. The foreman will then notify the Construction Manager and the Social Safeguards Specialist of ECRFS Project PMU.

3. Addu City Council will be notified by the Construction Manager.

4. Social Safeguards Specialist of ECRFS Project PMU will inform the focal point from NCCH.

5. Record details in Incident Report and take photos of the find;

6. Delineate the discovered site or area; secure the site to prevent any damage or loss of removable objects. In cases of removable antiquities or sensitive remains, a night guard shall be arranged until the NCCH authorities take over;

7. Preliminary evaluation of the findings by Social Safeguards Specialist of ECRFS Project PMU. The Social Safeguards Specialist of ECRFS Project PMU must make a rapid assessment of the site or find to determine its importance in close collaboration with focal point from NCCH. Based on this assessment the appropriate strategy can be implemented. The significance and importance of the findings should be assessed according to the various criteria relevant to cultural heritage such as aesthetic, historic, scientific or research, social and economic values of the find;

8. Sites of minor significance (such as isolated or unclear features, and isolated finds) should be recorded immediately by the Social Safeguards Specialist of ECRFS Project PMU, thus causing a minimum disruption to the work schedule of the Contractor. The results of all archaeological work must be reported to the NCCH, once completed. These documents should be made available for auditing and reporting purposes.

[1] The residents of S. Gan Island were resettled in S. Feydhoo when S. Gan Island was changed to a British Military Base.

9. In case of significant finding NCCH, hereinafter referred to as Heritage team) should be informed immediately and in writing within 2 day from the find (as per the National Heritage Act (Law no. 12/2019).

10. The Social Safeguards Specialist of ECRFS Project PMU provides the Heritage team with photos, other information as relevant for identification and assessment of the significance of heritage items.

11. The NCCH must investigate the fact within 2 weeks from the date of notification and provide response in writing.

12. Decisions on how to handle the finding shall be taken by the responsible authorities. This could include changes in the layout (such as when finding an irremovable remain of cultural or archaeological importance) conservation, preservation, restoration and salvage;

13. Construction works could resume only after permission is granted by the responsible authorities. One of the main requirements of the procedure is record keeping. All finds must be registered. Photolog, copies of communication with decision making authorities, conclusions and recommendations/guidance, implementation reports – kept.

Additional information

Management options for archaeological site. Social Safeguards considerations such as community values, religious sensitivity of the finds should be considered in consultation with stakeholders prior to determining the management options.

- **Site avoidance:** If the boundaries of the site have been delineated attempts must be made to redesign the proposed development to avoid the site. (The fastest and most cost-effective management option)
- **Mitigation:** If it is not feasible to avoid the site through redesign, it will be necessary to sample it using data collection program prior to its loss. This could include surface collection and/or excavation. (The most expensive and time-consuming management option.)
- **Site Protection:** It may be possible to protect the site through the installation of barriers during the time of the development and/or possibly for a longer term. This could include the erection of high visibility fencing around the site or covering the site area with a geotextile and then capping it with fill. The exact prescription would be site- specific.

Management of replicable and non-replicable heritage

Different approaches for the finds apply to replicable and non-replicable heritage.

Replicable heritage Where tangible cultural heritage that is replicable[2] and not critical is encountered, mitigation measures will be applied.

The mitigation hierarchy is as follows:

- Avoidance;
- Minimization of adverse impacts and implementation of restoration measures, in situ;
- Restoration of the functionality of the cultural heritage, in a different location;
- Permanent removal of historical and archaeological artefacts and structures;
- Compensation for loss - where minimization of adverse impacts and restoration not feasible.

Non-replicable heritage

Most cultural heritage is best protected by in situ preservation, since removal is likely to result in irreparable damage or even destruction of the cultural heritage.

Nonreplicable cultural heritage must not be removed unless all of the following conditions are met:

- There are no technically or financially feasible alternatives to removal;
- The overall benefits of the project conclusively outweigh the anticipated cultural heritage loss from removal; and
- Any removal of cultural heritage must be conducted using the best available technique advised by relevant authority and supervised by NCCH focal point.
- Stakeholder consultation need to be done with Addu City council prior to any removal or relocation works.

Human Remains Management Options

The handling of human remains believed to be archaeological in nature requires communication according to the same procedure described above.

There are two possible courses of action:

- **Avoid:** The development project is redesigned to completely avoid the found remains. An assessment should be made as to whether the remains may be

[2] Replicable cultural heritage is defined as tangible forms of cultural heritage that can themselves be moved to another location or that can be replaced by a similar structure or natural features to which the cultural values can be transferred by appropriate measures. Archaeological or historical sites may be considered replicable where the particular eras and cultural values they represent are well represented by other sites and/or structures.

affected by residual or accumulative impacts associated with the development and properly addressed by a comprehensive management plan.

- **Exhumate:** Consultations with Ministry of Islamic Affairs need to be done. Exhumation of the remains in a manner considered appropriate by Ministry of Islamic Affairs can be done. This will involve the predetermination of a site suitable for the reburial of the remains. Strict adherence with Islamic Burial Practices needs to be followed during the burial ceremony.

Grievance Redress Mechanism (GRM)

Any grievance related to this CFP needs to be addressed through the GRM established for ECRFS project.

EMERGENCY CONTACTS

National Centre Cultural Heritage Focal Point

Name: Aishath Malsha Moosa Jaleel

Designation: Senior Project Officer

Contact number: 7457416

Enhancing Climate Resilience and Food Security Project Focal Point

Name: Aminath Shareef

Designation: Social Safeguards Specialist

Contact number: 3019143

Maldives Meteorological Services (MMS) Focal Point

Name: Ahmed Muslim

Designation: Assistant Climatologist

Contact number: 7773407

Annex 4: Screening Decision Statement issued by Environmental Regulatory Authority (ERA)

بسم الله الرحمن الرحيم

ދިވެހި ރާއްޖޭގެ ދެ ދާއިރާ
YEARS OF INDEPENDENCE
1965-2025

ENVIRONMENTAL REGULATORY AUTHORITY
Environmental Regulatory Authority
ERA

ނަންބަރ: 203-ECA/88/2025/54

ސްޓޭޖްސ ކަންތައްތަކުގެ ނިންމުން

Screening Decision

ދިވެ ސ. ގައުމީ ދަށ ތަކެއްޗާ ބެހޭގޮތުން ސެލްޓެއްގައި ތިބޭ ފަރާތްތަކަށް ދަންނަވާ ސްޓޭޖްސ ކަންތައްތަކުގެ ތަފާސް ނިންމުން ކަންކަން ފާހަގަ ކުރުމަށް ތައްޔާރު ކުރެވުނު ލިޔުމެކެވެ.

This is an official document issued to the **Ministry of Tourism and Environment** for communicating the decision made after screening of the project: **Proposed Construction of a Meteorological Office and Radar System in Gan, Addu City.**

ދ ގައުމީ ދަށ ތަކެއްޗާ ބެހޭގޮތުން ތަރުތީބު ކުރެވުނު ގަވާއިދުގެ ދަށުން ތިމަންނާ ދެކެ، ތިލަ ތަކެއްޗާ ބެހޭގޮތުން ބަލާ ބަލާ ކަންކަން ފާހަގަ ކުރެވުނު ކަމުގައި ވާ ކަމަށ ދެކެ ދ ގައުމީ ދަށ ތަކެއްޗާ ބެހޭ ގޮތުން ތަރުތީބު ކުރެވުނު ގަވާއިދުގެ ދަށުން ތިލަ

Screening Institution: **Environmental Regulatory Authority**

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Annex 5: Meeting minutes for Stakeholder Consultation Meeting

Brief Meeting notes with Addu International Airport and Maldives Meterological Service (Output 1.1)

Date: 08 December 2025 (Monday)

Location: Addu International Airport Administration Block, Meeting room

Time: 08.30 – 09.30

Purpose:

To discuss the Addu Radar and MMS Office Demarcations and Introduction of the Grievance Redress Mechanism.

1. Participants

Name	Position	Organization	Email Address	Sign
Mohamed Waheed Hussain	Managing Director	Addu International Airport	md@ganairport.aero	
Hussain Rasheed	GM Operations	Addu International Airport	gmops@ganairport.aero	
Ibrahim Amjad	Maintenance Manager	Addu International Airport	amjad@ganairport.aero	
Mohamed Nishan	MEP Manager	Addu International Airport		
Rimna Hassan	CFO	Addu International Airport	rimna@ganairport.aero	
Khadheeja Shahidha	Manager Administration	Addu International Airport	shahidha@ganairport.aero	
Ali Shareef	Deputy Director General Meteorology	Maldives Meteorological Service	ali.shareef@met.gov.mv	
Thameem Abdul Razzaq	Senior Meteorological Technician	Maldives Meteorological Service	thameem.razzaq@met.gov.mv	
Ahmed Nazeer	Asst. Meteorologist	Maldives Meteorological Service	ahmed.nazeer@met.gov.mv	
Mohamed Hamdhaan Zuhair	Project Manager	PMU (ECRFS)	hamdhaan.zuhair@environment.gov.mv	
Aminath Shareef	Social Safeguards Specialist	PMU (ECRFS)	aminath.shareef@environment.gov.mv	

2. Opening Remarks

Hamdhaan stated that the purpose of the visit was to demarcate the MMS office site and the location of the proposed weather radar, and provided an introduction to the ECRFS Project and its components related to the Addu Airport radar.

3. Land Allocation and Demarcation

AIA confirmed that the missing 2,000 sqft can be resolved on-site prior to demarcation and that the full 40,000 sqft will be allocated for the MMS office. Their maintenance manager and staff will join the demarcation. AIA highlighted the importance of completing the MMS office relocation.

Ali Shareef informed that the MMS office construction contract will be awarded by the National Tender Committee in their upcoming meeting, with the intention for award to WAMCO. Construction processes can begin as soon as the award is finalized.

4. Technical Considerations

AIA MD stated that Amjad will provide technical instructions for proceeding with demarcation. Ali Shareef explained that no issues are expected with office orientation and most meteorological equipment will be operated remotely. Some instruments require ICAO exposure compliance and clouds and visibility considerations. Security approvals must be factored in from the early stages.

5. Site Conditions & Concerns

AIA noted that vegetation, including palm trees, exists on the proposed site. A temporary boundary fence will be installed to mark the area allocated to the Ministry of Heritage. Safeeh (security), Nishan (electrical), and excavation personnel will support coordination during demarcation.

6. GRM Introduction

Aminath provided an overview of the GRM process, tiers, and documentation. AIA and MMS had no questions but requested including Fenaka, MNDF, and Avescom in Tier Two of the GRM due to potential impact on their access routes during construction.

7. Action Points

Action	Responsible Party	Timeline
Resolve land discrepancy and finalize 40,000 sqft allocation	AIA	Scheduled demarcation day (8th December 2025)
Join field demarcation exercise	AIA (Amjad & team)	Scheduled demarcation day (8th December 2025)
Address vegetation clearing & boundary marking	AIA / ECRFS Safeguards Team	During site preparation
Provide security and electrical coordination	AIA (Safeeh & Nishan)	Ongoing
Update GRM tier structure to include additional agencies	PMU Social Safeguards	Next GRM revision

8. Photo

Annex 6: National Heritage Registry

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3	ﻪﺳﺮّ	ﺭﻩ. ﷺﻣﺮﻣ	ﮔﺴﻪﺑﻲ ﻭﻮﺩ	ﺣ ﻣﺮﻣﺩﻣﻲ ﻣﺮ ﮔﻪﻘﻲﺑ ﻭﻮﺩ ﻫﻣﺭﻫﻫﻮ. ﻫﻣﺮﻘ ﺯﻫﻮﺩﻣﻲ ﺣﻭﻲ ﻫﻣﻮﺩ ﻩﺴﻪﻣﺮﻫﻮﺳﻣ ﻣﻮﻣﻫﺍﺴﻣ ﻣﻮﺯﻫﻣﺮﻮﺳﻣﺣ ﻫﻣﻣﺮﻫﻣﻲ ﻣﻮﻣﺩﻣﻲ ﺗﺮﻲﻫﺍﺴﻫﻣﺮ ﻮﺸﻣﻲﺯﺮﻣ ﻫﻮﺯﻫﻫﻲﻭ ﻣﺮ ﻭﻮﺯﻮ. ﺣ ﻣﻮﻣﺮﻣ ﻩﻫﻫﻮﺯﻲﺑ ﻲﻫﺣﻲﻫﻣﺩﻣﻲ 3 ﻮﻮﻫ ﺭﻨﻲ، 8 ﻣﻣﻣﻲﻭ ﻭﻮﺯﻣﻭﻮ. ﻫﻣﻣﻫ ﻭﻮﺯﻲﺑ 2 ﻮﻮﻫ 2 ﻫﺴﻣﻲﻮﺯ ﻭﻮﺯﻣﻭﻮ. ﺣ ﻣﺮ ﻭﻮﺯﻣﺮ ﻮﻫﻫﺮﻫﻫ ﻲﺮﻫﻲﺯﻫﺴﻭﻲ ﻫﺮﻫﻮﺳ، ﺣ ﻣﻮﻣﺮ ﻭﻮﺴﺑ ﺣﻣﺮﻮﻫﻣﺮﺩﻫﻮ ﺯﻫﻮﻣﺮ ﻮﻨﻨﻫﺮﻫﻣﺮ ﻣﻣﻫﻣﺮ ﻲﻮﻨﻫﻫ ﻫﻫﻫﻮ. ﺣ ﻣﻮﻣﺮ ﺣﻲﻨﻫ ﻭﻮﺴﺑ ﺣﻲﻨﻫﻮﺳ، ﺣ ﻣﻮﻣﺮ ﻭﻮﺴﺑ ﻫﻫﻫﻮﻫﻫﻫﻮﻫﻫﻮﻫﻫﻮ

5	ކަތަރަމްދޫ	ހ. ހަތަރު	ކަނޑާ ގަދަ	ހަތަރު ފަރާތުން ތެދުވެ ހުންނަ ކަނޑާ ގަދަ (ފުމްޢަތް ގަނޑަށް) ފާސް ވެގެން ދަނީ ކަނޑާ ގަދަ ކަމުގައި ވާތީ ކަނޑާ ގަދަ ކަމުގައި ކަނޑާ ގަދަ ކަމުގައި ކަނޑާ ގަދަ ކަމުގައި

6	ގައުމީހުގެ	ހ. ގެއްލުން	ކާނިއަސް	ލިބިދިނުމަށް ދަށުވާ، ކާނިއަސް ތަންތަނުގައި ހަނދާނުގައި ހުންނަ ގޮތަށް، ގަސް ތެރޭ ގަނޑުގައި ދުއްވާ ކަނޑައެޅިފައި ހުންނަ ގޮތަށް ދަށުވާ. ވަކި ފަރާތަކުން ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނަމަ، ވަކި ފަރާތަކުން ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ. ވަކި ފަރާތަކުން ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނެތް ނަމަ، ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ. ލިބިދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނެތް ނަމަ، ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ. ލިބިދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނެތް ނަމަ، ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ. ލިބިދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނެތް ނަމަ، ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ. ލިބިދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނެތް ނަމަ، ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ. ލިބިދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނެތް ނަމަ، ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ. ލިބިދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނެތް ނަމަ، ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ. ލިބިދިނުމަށް ބަލައިގެންނެވި ގޮތެއް ނެތް ނަމަ، ކާނިއަސް ދިނުމަށް ބަލައިގެންނެވި ގޮތަށް ދަށުވާ.

7	ڇڙڻس ۽ڏڀڙوڙَمِڙَ مَسْمَسْ	رمـ. ڳَبَرَسْ	ناسڳ هَمِسَّئ حَرَّسَرْوْبْ	حِرَّبْ حِ بَرَبْئ سُوْبْوْ رُبِ حَرْبَوَمِ، نَاسڳ هَمِسَّئ حَرَّسَرْوْبْ نَاحَرْ ھُشْوَّ حَرَّسَرْهَاهْ ھَھَرْمْھِۓْ. 2002 وَسَ هَرَبْ ڳَڤُبِ حِسُّبِمْ حَبَّرَّھُمُوْبْرْحْبْئ هُبْبَّوَمِ حِ حَرَّسَ وَبَرَمِبْئْسْ هِبِ وَهْبْوْئَهْ بَّرَّ حِ هَسْ بَرَهْبَاهُبِ بْبْئِوِوَمِهْوْهْ. حِ حَرَّسَرْوْبْ حِبَّبْ رُبِ حَرْبَوَهْوْ. نَاسڳ هَمِسَّهَبِ هَبِ بَرَسُّبْوَّسْحْ تْرْبِ هَسِهِبَهَحْرْسْ هَبِ سِهْهِحَوَّ بَرَسِبِبْحْبْوَّسْحْ حَسْرَّوْبْوْ. هَبِ حْبَبَسْحَبْ هَبْبَرْوَّسْحْ حَمِبَرَمِهَّوْبْوْ. حِبَاحَسَّ سُهَبِرْبْبَسْبْحْهْ ھَبَرْبْوَمِ نَاحَرْهَّوْمِ، ھَّبَرْبْ هَڤُبِ حِسُّبِمْ بَھَهْبُسْھَّسْحْ بْبَسَسْ هْمْبْبْ وَبَّمْبْوَمِ وَحْبَحَهْوَمِ وَبَّرَّوَمِهَّ حَرَّسَ حِبَّبْحْبْوُسْ بُسْبَرَسْ هْمَهْبْھُوْ. بْبِ بَجَّسْبْوَمِ هْحَرَّسَّوَمِ بِهَّبَرَهْبُبْبِ حَمِ بِهَّبْبْبَرْوَمِهْبْوْ. بِهَّبَرَهْبْوْئ ڎَھَبْ بْبَسْ هْمَهْبْ هْحِبِوَبْسْھَّوَمِهَوْبِ حِبْ ڳَھْوَسِءَبَبْ 30 وَبَرَبَبْ هَبَرْبْ بْبِسْ بَاحَبْ حَبَّڳْبْحْبْوْهْ. حِبَّبْ هْمَهْبْ هْڤِهِ هِبِرِهِبِرِ ڳَبْھْبِرِهْهْ بْحِبِوَبْهْ. حِحَبَّسَرَهَبِ نَاسڳ هَمِسَّهَ هَوَبَّرَحَوْحْبْ وَبْسَّھَّسْ بْحَوْسْ هَبْحْوْ. وَبْسَّھَّسْ بْحَوْسِ بْبْسْھَّبِرِبْهْوَمِ بَاحَهْ سْبْبْهْوْ. هْمَهْبْ بَقَّبَوَمِرُبِ فْحِبِوَمِهْ هَّبْسْبْبْبْ حَمِبَوَمِ هِبْ جَبَّڳَبَوْهْوْ. هَبِ بَرَهْهِهْوَبْسْ ۇبْسْوَحْبْوَمِ حِحَبْوْ فْبَوَّھَّهْوَمِ وَسِ بِبَوْبِ بَحَهْ هِبْسْقَبَوْهْوْ. هَبِ فْبَّھْبَرِهِبْ بَرَهْهِهْوَبْسْ بْبَبْوْ بْبَبْ هَبِبْبْبْبْسْ بْسِبَابَّ بَبَحْبْسْ فْبَهْوْ. حِبَحْبْ بْبَبَّوَمِهَوَسِ بْبَبْھَّ	ناسڳ هَمِسَّئ حَرَّسَرْوْبْ	ڇڙڻس ۽ڏڀڙوڙَمِڙَ مَسْمَسْ	7
8	بِۓَبَرَبَرَهْبْ	رمـ. ڳَبَرَسْ	بَاۋْھْبْوْشْحِ ھُشْشُوِ مَسْ	بَاۋْھْبْوْشْحِ ھُشْشُوِ مَسْ بَاحَبْ ھُسَّ مَسَّهِ، هْڤَّسْئ فْبَوَّبَّھُوَبَرِ بْسْسَ سِبَابَبَّهِ، بَبْحْبَئْ فْبَحْبْءِ بَاحَبْ ھُسَّ فْبَ حْبِءْوْسْ حِ سَۓَبَبَرَهْفْبَرَبِ ۇهْبْ. هْمِحْبْ حْبَبَسْحَبْ هَبْبَرْوَّسْ ڤَّڪْوِيْعْ وَبِسْھَبَسَّ بِبَّرْ بْبَبْهْوْحَبْسْ ھُشْشُوِ هْبِءْبَبْئْ (بَاۋْھْبْوْشْحِ) هَسْسَوَّوَبِهَوَسِ حِبَبْحَبْهْوْ. حِهْبِءْبَبْئْ ھُشْشُوِ هْبِءْوَبَّهِ، بَبْحْبَئْ هْبَبْهْوْحَبْسْ ۽هْسُّوِ سِبَا حْبِءَهَهْ ڤَّۇْ حِبَّبْحْبْوُسْ هْهَوَسْحَبِ ۇبْسْبَسْ هْهَبْهْھِۓْ. هَبِ هْسَّۇبْوْسْ حِهْبِءْبَبْئْ ھُشْشُوْحْبْوْحَبْسْ بَبْحْبَئْ هْبَبْهْوْحِهِبْ ڳَّهْوْاللهْ ئ وَّبِۇبْوْسْ هْسَّۇبْوْسْبَسْ فْبَهْوِ ھَبَبَّهْوْهْ بَاحَبْ ھُشْوَّ هَبِبَوَبْسْ وَّسَّ بِهَّحْوْسْ بَبَحْهْبَاسِ ۇِھِوَمِهَّ بَبَبَبِوْسْ حِبَبَبَسْحْوْسْ بَّهْسَ ڎَھَهْبَوَبِ حِبَّبْحْبْوُسْ وَّبَبَ بْبَبْھْبْهْوْ.	بَاۋْھْبْوْشْحِ ھُشْشُوِ مَسْ	بِۓَبَرَبَرَهْبْ	8

9	ގަނޭގަލުން	ހ. ގެއްލުން	ތާ ތިބާގެ	ކަނޑުމަތީގައި ގޮތްތަކެއް، ގޮނޑިތައް ހިންގުމަށް ހުރިހާ ތަކެއް ތިބާގެ ފާރުގައި ގަދަ ކުލައިގެ ލައިޓް ހުރުން.
10	ގަބަލަންދޫ	ހ. ގެއްލުން	ކަނޑުމަތީގައި ގޮތްތަކެއް ފާހަގަކުރާ ފެންނަ ގޮތަށް ބޯޓުގެ 2 ފަރާތް، ފަހަތުގައި ބޯޓުގެ ގ ހުދުގައި ލައިޓް.	ގ ބޯޓުގައި ލައިޓް ހުރުން ބޭނުންވާ ގޮތަށް ބޯޓުގެ ދެ ފަރާތުގައި ދެ ލައިޓް ހުރުން ބޭނުންވާ ގޮތަށް ބޯޓުގެ ފަހަތުގައި

11	ތިލާދުންމަ	ހ. ގެހެނި	ބަންދަރު ފިހާރަ	ދިވެހިރާއްޖެ ތެރެ ފާރުކުރާ ބަންދަރުތަކުގެ ތެރެ ކުރިން ކުރިއަށް ގެންދާ ބަންދަރެއް ކަމުގައި ވާ ތިލާދުންމަ ބަންދަރު ފަށާ ދުވަހު ހިނގި ފަހު ދުވަހު ވަނީ 15 ވަނަ ދުވަހަށް ކަމަށާ ގުޅިގެން ބަންދަރުގެ ކުރިއަށް ގެންދާ ކަންތައް ބަލާ ކޮމިޓީ ގެ ކަންތައް ބަލާ

17	ﷺ	ހ. ގެދޮށު	ގެދޮށު ކަނޑުވަންދ	ގެދޮށު ކަނޑުވަންދ ހ. ގެދޮށު 1573ވ. ކަމަށް ފުރިހަމަ ކުރަންޖެހޭ ތަކެތި ހުރިހާ ކުރިއަށްގެންދާ ގޮތަކަށް ހ. ގެދޮށު ކަނޑުވަންދ ގައި ހ. ގެދޮށު ކަނޑުވަންދ ގައި ހ. ގެދޮށު ކަނޑުވަންދ ގައި

19	ތިލާނ	ހ. ގެ	ކައިރިކަން ހިންގުން	ލ ހިލަދޫ ކަނޑުގެ ދެކުނުގައި ހުންނަ ދަ. ދިއްދޫ ކ. ދިއްދޫ ކ. ދިއްދޫ ކ

24	ﷺ	ހ. ގެވިދޫ	ކަނޑުވަޅުގެ ފެންނާ ދުރުގައި/ ފުރުގައި	ކަނޑުވަޅުގެ ފެންނާ ދުރުގައި ހުންނަ ތަނެއް. 1295ވ.
25	ގަދަރަތްތެރި	ހ. ގެވިދޫ	ގަހެއްގެ ދަށަށްގޮސް	ގަހެއްގެ ދަށަށް ގަދަވެގެންދާ ގޮތް ހުންނަ
26	ގަދަރަތްތެރި	ހ. ގެވިދޫ	ގަހެއްގެ ދަށު	ގަހެއްގެ ދަށުގައި ހުންނަ ގޮތަށް ބަލާ ގަދަރަތްތެރި
27	ތިލަންތެރި	ހ. ލަދަންތެ	ހުއްދަ ފެނުމުގެ	
28	ތިލަންތެރި	ހ. ލަދަންތެ	ތަންކޮޅުގެ ފެނުމުގެ (ދަނޑިފުށުގެ ތަފާތު)	
29	ތިލަންތެރި	ލަދަންތެ ތަރިއެއް (ތުނފުށިގެ)		
30	ބަދަރަތްތެރި	ހ. ތިންތަނަށް	ތުނބުގައި	ދިގު ތަނެއްގައި ތަކެތި ތަކެއް ހުންނަ ގޮތަށް. ދެ ފަރާތުގައި ހުންނަ ތަކެތި ދެ ފަރާތަށް ވެއްދުމަށް. ދެ ބަދަރަތްތެރި ތަކެއް ގެނެވޭ ގޮތަށް ބަހައްޓާ

31	ތިލާދުންmathi	ރ. ކޮޅު	ހުކުރު ހިސާބުގައި ހުންނަ	ހިލާދުންmathi ދ. ހުރާ ދ. ހ. ހ. ދ. ހ. ދ. ހ. ދ

33	ތިއްބަގަސް	ހ.ތ. ކ.ގ	ފިލާދެލްފިއާ	ތިއްބަގަސް ފަހަރުގައި ދުވަހުގެ ތެދުވެގެންވާ ގަޑިތަކުގައި ކުރިން ދަނޑުވެރިކަމާ ގުޅިގެން ދިރިއުޅުނު ބައެއް ރައްޔިތުން ދަނޑުވެރިކަމުގެ ގޮތުގައި ކުރިއަށް ގެންގުޅުނު ގޮތް ބަލައި ދެނެގަތުމަށާއި، ދަނޑުވެރިކަމާ ގުޅޭ ގޮތުން ދިރާސާ ކުރުމަށް ތަފާތު ގޮތްތަކުގައި ތަރުތީބުކުރެވުނު ދިރާސާ ކުރުމެއް. ދިރާސާ ކުރެވުނީ 1700 ވަނަ ސަނަވަރުގައި. ދިރާސާ ކުރެވުނީ ތިއްބަގަސް ދަނޑުވެރިކަމުގެ ގޮތުގައި ކުރިއަށް ގެންގުޅުނު ދުވަސްތަކާ ގުޅިގެންނެވެ. 1960 ވަނަ ވަނަ ތާ ދިރާސާ ކުރެވުނީ ތިއްބަގަސް ތިއްބަގަސް ކަނޑައެޅިފައިވާ ގޮތަށް ކަންކަން ކުރަމުންދާ ގޮތް ބަލައި ދެނެގަތުމަށެވެ.
34	ގަސްގަނޑު	ހ.ތ. ކ.ގ	ކެނެޑާ	
35	ފުރުން ގަނޑުފުރުގައި ތަންތަން	ހ.ތ. ކ.ގ	ގަތަރު	
36	ބަތަލަމުދު	ހ.ތ. ކ.ގ	ތާއި ދެކުނު	
37	ބަތަލަމުދު	ހ.ތ. ކ.ގ	ފުވައްމުލަކު	
38	ބަތަލަމުދު	ތިލައްސާ ކ.ގ ދިގުދުވަހުގެ ތަފާތުގައި ހިއްސާ ކުރެވުނު ގޮތް	ހ.ތ. ކ.ގ	
39	ދާނާ	ތިލައްސާ ކ.ގ ދިގުދުވަހުގެ ތެދުވެގެންވާ ގޮތް	ހ.ތ. ކ.ގ	ތިލައްސާ ކ.ގ ދިގުދުވަހުގެ ތަފާތުގައި ތަރުތީބުކުރެވުނު ގޮތް.
40	ތަކެތި	ކ.ގ ދެކެވުނު ގޮތް	ހ.ތ. ކ.ގ	
41	ތިއްބަގަސް	ތިލައްސާ ކ.ގ ދިގުދުވަހުގެ ބަދަލުގައި ކުރިން ތަރުތީބުކުރެވުނު "ވަރިލުގައި"	ހ.ތ. ކ.ގ	
42	ދާނާ	ފުނި ދިގުކުރެވުނު ގޮތް	ހ.ތ. ކ.ގ	
43	ބަތަލަމުދު	ގަތަރުގައި ދާ/ދާ ގަސް	ހ.ތ. ކ.ގ	ތިލައްސާ ކ.ގ ދިގުދުވަހުގެ ތަފާތުގައި ކުރެވުނު ގޮތް ބަލައި ދެނެގަތުމަށާއި، ތިލައްސާ ކ.ގ ދިގުދުވަހުގެ ތެދުވެގެންވާ ގޮތް ބަލައި ދެނެގަތުމަށް ތަފާތު ގޮތްތަކުގައި ތަރުތީބުކުރެވުނު ދިރާސާ ކުރުމެއް. ދިރާސާ ކުރެވުނީ 1940 ވަނަ ވަނަ ތާ ދިރާސާ ކުރެވުނީ ތިއްބަގަސް ދަނޑުވެރިކަމުގެ ގޮތުގައި

44	ﻫﻴﺮ/ﻣﺪﮔﻤﻪ/ﺳﻪﺮ ﺮﻪﻣﺮ	ﺭﻩ. ﺗﺎﮔ	ﺯﻮﻣﺮﺳﻪﮔﻮﺮ ﺪﻴﺴﻪﻴﻣ/ ﺯﻮﻣﺮ ﺪﻴﺴﻪﻴﻣ	ﺪﻴﺴﻪﻴﻣ ﺮﮔﺮﻧﻪﻴﻣﻮﺳ ﺮﻴﺮﻧﺮﻧﻪﺭ ﺗﻮﻣﺮﺮﺳ ﻫﺮﺮ ﺪﻫﻤﺮﻨﺮﺮ ﺮﻫﺮﮔ ﻨﺮﺮﻧﻪﺮﻫﻮ. ﻣﺮﻣﻪﻮﺮﺮ ﺮﻪﺴﻪﺮﮔﺮﺳ ﻫﺮﺮﻫﻮ 100 (ﺳﻪﺮﺮ) ﺪﻴﺴﻪﻴﻣﻮﺮ ﻣﻮﺮﻫﺮﺳ ﺪﻴﺴﻪﻴﻣﻮﺮ. ﺮﻴﺮﻧﺮﻧﻪﺭ ﺮﻫﺪﮔﺮﺮﻨﺮ ﻫﺮﺮ ﻨﻪﻫﮔﺮﺳﻪﺮﻧﻪﺭﻮﺳ ﺮﻫﺪﮔﺮﻨﺮﺮﻮﺮﻫﺮ ﺪﻴﺴﻪﻴﻣﻮﺮ، ﺪﻴﺪﻴﺴﻪﻴﻣﻮﺮ 1620 ﻫﺮﻨﺮﺮﻨﺮ. ﺪﻴﺴﻪﻴﻫ ﻫﺪﮔﺮﻣﻮﺮﺮﻨﺮﻮﺮﻫﺮﺳ 1111 ﻮﺳﺮ ﻫﺮﺮﻨﺮ ﻫﺮﺮ ﺪﻴﺪﻴﺴﻪﻴﻣﻮﺮ ﻣﺮﻣﻪﻮﺮﺮ ﻫﺮﺮﻫﻮﺮﻫ ﻣﺮﻣﻪﻮ ﺪﻴﺴﻪﻴﻣﻮﺮﻫﻮ.
45	ﻫﺪﮔﻤﻪ	ﺭﻩ. ﺗﺎﮔ	ﻫﻪﺒﻨ	ﻫﻮﺮﻫﻮﺮﻫﻮ ﺮﻨﺮﻫﻮﻫ ﺮﻨﺮﻨﺮﺮﻨﺮﻨﺮﺳ ﻫﺪﻮﺮﻫﻮﺮﻫﻮ ﻫﻮﺮﻨﺮﻫﻮ. ﺘﻮﻫﻮﻨﻪﺮﺳ '8×6 ﺭﺮﻨﺮﺳ ﺪﻴﻫﻮﺮ ﻫﻮﺮﻨﺮﻫﻮﻫﺮ ﻫﺮﻨﺮﻫﻮﻫﺮ ﻫﻮﺮﻫﻮﺮﻫﻮﺮ

49	ﺑﻪﻣﺮﻣﻪﺩ	ﺭﻩ. ﻫﺮﻭﺷﺘﺮ	ﺭﺮﻭﺩﻩ ﺩﺳﻪﻫ ﺑﻪﻣﺮﻣﻪﺩ (ﺩﺳﻪﻫ، ﻛﻪﺩﻩﺳﻪﮔﺲ، ﻫﮋﻣﺮﻫ، ﺭﺮﻭﺩﻩ ﻭﺯ، ﻣﺪﺳﻪﺳﺮﻉ)	ﻣﺮﻭﺯ 1113ﺭ. (16 ﻋﺴﻪﺷﻪﺱ 1701ﺣ.) ﻭﺱ ﺳﻪﺱﻫﻮﺭﻩ ﻫﻪﻣﺒﻪﺷﻪﮔﺲ ﻫﻪﺷﮕﺮﺭﺷ 15 ﺷﻪﻧﺮﻩﻣﻪﮔﺲ ﺩ ﻣﺮﺩﻭﺭﻩ ﻫﮋﮔﺮﻩﺷﻪﻣﻪﻭ ﺭﺮﻭﺩﻩ ﺩﺳﻪﻫﺮﻩ ﺩ ﻣﺮﺩﻭﺭ ﺩﺳﻪﻫﻮﺭ ﺩﺳﻪﻫﻪﺷﻪﺩ. ﺩﺩﻩ ﻭﺮﻣﺮ ﺭﺮﻫ ﮔﻪﮔﺮ ﺩﺳﻪﻫﻪﺷﻪﺩ. ﺩﺳﻪﻫﻪﺷﻪ ﺗﻪﺷﻪﺳﻪﮔﺲ ﻫﻪﺷﺪ ﺑﺮﺳﻪﺱ ﻣﺮﺱﻪﺩﺮ ﺑﻪﺧﻪﮔﻪﺷﻪ ﮋﻪﻫﮋﻪ ﺷﻪﺩﻪﺩﻪﻫﻪ ﺩﺮﺱﺱ ﮋﺭﺭﺩﻪﺷﻪﻫﻪﺩ. ﻫﺮﺩ ﻫ ﺑﻪﺧﻪﮔﻪﺱﻪ ﻣﺮﺩﻭﺭﻩ ﺩ ﻣﺮﺩﻭﺭ ﻭﻪﺩﻩﺱ ﺵﻪﺩﻪﺩ. ﻫﺮﻫﺪﺩﻩﺭ ﻣﺮﺩﻭﺭﻩ ﺱﻪﺩﻪﺱ ﻭﺩﻩﺷﻪﺱ ﺩﺭﻩﺷﻪﺩﻪﺩ ﻫﻪﺷﻪﻭ ﻫﻪﻣﻪ ﺷﻪﺭﻫﺮﻭ ﺱﻪﻫﻪﺳﻪﺑﺮ ﺩﺭﻩﻫﺪﻩﺩ ﻫﻪﺱﻪﺭﻩﮔﺲ ﻫﻪﺷﻪﺩﻪﺩ ﻫﻪﺷﻪﻭﻪﺑﺮ ﺩﺭﻩﻫﺪﻩﺩ. ﺩﺩﺱﺱ ﻫ ﺩﺳﻪﻫﻪ ﻫﻪﺷﻪﺩﻪﺩ.	
50	ﺑﻪﻣﺮﻣﻪﺩ	ﺭﻩ. ﻫﺮﻭﺷﺘﺮ	ﻫﻪﻫﻪﺱﻪﺱﻪﮔﺲ ﺩﻩﻫﺪﻩﺩ ﮔﻪﮔﺪﻩﺩ ﻫﺮﻭﺷﺘﺮ ﺱﻪﻫﺪﺮﺱ ﻫﻪﺱﻪﺱﻪﮔﺲ ﺱﻪﻫﻪﺷﻪﺩ "ﻫﻪﻫﺮﻩﺩ"	
51	ﻫﺪﮔﻪﻫ	ﺭﻩ. ﻫﺮﻭﺷﺘﺮ	ﮔﻪﺷﺪﺮ ﺩﺳﻪﻫﻪ	ﺩﺮﻣﺮﺩ ﮔﻪﺷﺪﺮ ﺩﺳﻪﻫﻪ ﻫﺪﮔﻪﻫﻪ ﺩﻪﺱﻪﺩﻪﺩﻪﺱﻪﺷﻪﺩﻪﺩﻪﺱﻪﺩﻪﺩﻪﺩ

53	ﺑﻪﻣﺮﻣﻪﺩﺭ	ﺭﻫ. ﻫﻮﺭﻳﺴﻢ	ﺭﺯﮔﻨﻮﻓﺮﻫﮓ ﺣﻴﻪﻳﻪﻣﻮﻣﮔﻪﺭ ﻧﺎﺭﻣﻪﻣﻮﻫ	ﻣﺮﻧﺮﻱ ﻫﺮﻳ ﺭﻪﷲﻭﻣﻮﻣﻨﻱ ﻣﻮﮔﺮﻱﺳﻱﻣﻮﻧﻱ ﻫ ﺣﻴﻪﻳﻪﻣﻮﻣﮓ ﻱﮓ ﷺﻱﻫ ﺗﻮﻫﻨﻪﻪﷲﻣﻮﻣﻨﻪﺱ ﺣ ﻣﺮﻣﺮﻳ ﻫﻪﻳﻪﺳ ﻣﺮﻧﺮﻫﻨﻪﺱ ﻫﺴﻲﻫﻲ. ﻫﻤﺮ ﺣ ﻣﺮﻣﺮﻳ ﮔﻪﻫﻲﻫﺲ ﷺﻣﺮﻧﺮ ﻣﺮﻣﻮﻫﻨﻪﺭ ﻗﻨﻣﻨﻪﺭ ﺍﷲﻲﻗﺮﻣﻨﻪ ﻲﺲﻲﻲﺲ ﻫﻤﺮﻣﻪ ﻫﻪﺮﻨﻪ ﻣﺮﻧﺮﻫﻨﻪﺱ، ﻣﺮﻧﺮﻲ ﺣﻴﻪﻳﻪﻣﻮﻣﮔﻪﺭ ﻧﺎﺭﻫﻪﺷﻪﻣﻮﻲﻪﺭ ﺭﻪﺭ ﻧﻪﻧﺮﺷﻨ ﻫﻲﻪﻳﻪﻗﻪﺭﻫﮓ ﷺﻲﻫ ﺣﺮﮔﺮﻲﻪﻲﻪﻫﻮﻧﻪﺱ ﻫﺴﻲﻲﻫﻲ.
54	ﻫﻪﮔ	ﺭﻫ. ﷺﻲﻪﷺ	ﺭﻲﻧﻪﺭ ﺣﻴﻪﻳﻪﻣﻲ ﻲﻪﷺ/ﻫﻪﺭ ﺣﻴﻪﻳﻪﻣﻮﻣﻨﻪﺭ ﻲﻪﻲ	ﻣﺮﻧﺮﻲ ﺭﻲﻧﻪﺭ ﺣﻴﻪﻳﻪﻣﻮﻣﻨﻪﺭ ﻣﻪﻲﻪﻣﻲﻲﻪﻫ ﻫﻪﻲﻪﻲﻪﻫ ﺳﻪﻫﻪﻣﻪﻳ 1201ﺭ. (1787-1786ﺡ.) ﻫﻲﻲ. ﺣ ﻲﻲﻲ ﺣﺮﮔﻨﺮ ﻣﻪﺳ ﻧﻪﻫﻨﻲﻲﻪﺳ ﻣﻪﻣﻪﻧﻪﻫﻨﻪﺭ ﻣﻲﻨﻪﻲ ﻣﻲﻨﻲﻲﻪﻫﻨﻪﺭ ﻣﻲﻨﻲﻲﻲ. ﺣ ﻲﻲﻲﻨﺮ ﻫﻲﻲﻲﺳ ﻲﻲﻲﻲﻲﻲﻲﻲ ﻫﻪﻲﻪﻲﻲﻲﻲ. ﻫﻤﺮ ﻫ ﺣﻴﻪﻳﻪﻣﻲ ﻣﻲﻨﻲﻲﻲﻲﻲﻲﻲ ﻫﻪﻲﻪﺳﻪﻫﻪﺣﻲﻨﺮ ﻫﻲﻲﻲﻲﻲ ﻫﻪﻲﻪﻲﻲﻲﻲ ﻲﻲﻲﻲﻲﻲﻲﻲ ﻫﻲﻲﻲﻲﻲﻲﻲﻲ. ﺣ

55	ڇُرُسْ وَنْڍُوِنْوَمِوَّ مَوْسْمَسْ	ر.ف. ڈَبَرْ	مَدْهْسَوْهْمِرْ ڳُرَّ دَبَّ بْرْ/ سَوْهْمِرْ ڳُرَّ ءِڤَّرَمْ	بَرَبْرَىْ رُبْرْ حِسْءِوْڤَرْبْرَىَ مْرْهْ ؤُوْبَىَ مْرْهْ سَسَرَمَءٍ 1201ر. (1787-1786ح.) مُؤْ. حِ ؤُوْ حِرَّبْ وَسٍ تْرْحْبُؤْسْ وَبَرَبْرْ بَرَبْرَىْ وَبْرْهُبْرَهَبْرْ وَبْرْوَمُؤْ. حِ ؤُوَبْرْ مُوْهُؤْسْ ىُوْهْرْحُوْ مْرْءِوِ مُوَبْرْهُبْبُؤْ. مَبَرِ مُ حِسْءِوْ قْرْبْرَىَ مَوْسْوْهْمِرْ ڳُرَّوْ ءِوْمْرْحُوْ حَبَّ بْرْهُؤْسْ رُبْرْمُؤْ. حِمَسَرٍ مِرْبَىْ ڎَمَبْرْ وَبَرَبْرْ ءٍڤِوْبْرْ رَبَرَمِ مِڤْڎْسْ رِڤَّبْرْوَمِوَّ مَسْبْرْؤْ. حِ ءِڤَّبَرَمَءٍ بْرْءِىْ رُبْرْبْرْ حِسْءِوْ ڳُمِؤْبَّ وَّ ىَوْهْبْسْوَّسْ ؤْبَّ رَبَّرَوَمِ رُبْرْ ءِڤَّبَرَمَبْرْؤْ. حِ ءِڤَّبَرَمْ رَبَّرَوَمِوَسٍ ءِسْبَوَبَّرْ ؤُوِبَوَمْ مَبَرِ ءِڤَّبَرَمْبَىْ ءِوْمَوَمْ وَبَرَڳَّمِ بَّسِ وَبَرَ بَرْبْءِ ءِسْبْرْبْرْبْبْرْبْؤْسْبْرْؤْ. حِ ءِڤَّبَرَمْبَىَ بْرْسَرَسٍ "11'·0"×7'·3 مُؤْ. مَبَرِ وُبَّبْرْبَىَ ڤَبَّرَوَمِوَسٍ مِڤْڎْ. مَبَرِ ءِڤَّبَرَمْبَىْ وَبَّرْبْؤْ ڎَبَّبْرْ "23'·4"×21'·5 رُبْرْمُؤْ. مَبَرِ مُسْءِحِسْبْرَىَ "2'·5 رُبْرْمُؤْ. حِءِڤَّبَرَمَءٍ 100 مَبَرَبَرْ وُبْرْ ءِسَرَ قْرَوَسْؤْوَمِوَّ مَبَرِ ءِڤَّبَرَمْ بْرْبْرْسَرَ بَرَسَڳَّسْوَّ مُمُؤْسْ ڇُبْرْمُ بْرْمْ ءِڤَّبَرَمْبَىْ. حِ ءِڤَّبَرَمَءٍ بَرَبْرْ بَرَبْرَىْ ڇُبْرْسَّبَرِ مُبْرْسْ بَرَبْرَبْرْبْرْ ڇُبْرْسْ سَرَقْبْرْ ۿْسْبْرْسْ بَرَسْڤَّبِ ڤَّبْرْسْبَّڳَّبِ مَوَّ ڇُبْرْسْ بِبَّ بْرْبِمُؤْ. مَبَرِ بَّبِرؤْسْ ءِسَرَ مَبَرَقَبَرَسْ ءِڤَّبَرَمَءٍ سَرَقْبْرْ ۿْسْبْرْسْ بْرْسْ. حِڤِ حِبْءِ 30 بَرْسْ مَبَرَبْرْ بْرْءِبْرْسْ رِسْوَبْرْسْ مَبِ بَبْرْبْرْ. سَرَبْؤْسْ حِرَّبْرْ مُمُبْبْرْبْرْسْبْرْؤْسْ سَرَقْبْرْ ۿْسْ رَبَّرَبْرْمُ مُبْءِوَبِ مْرْؤُمُؤْ. ءِڤَّبَرَمَّبِ ۿَّسْ بْرْڎْسْ قْرَبْرْڤَّ وَّرَبَرَمَبَرْسْ ۿَڤَّبِبْرْ حِ ءِڤَّبَرَمَءٍ ۿْسْڤَّ بْرْڎْمَبِ حَمِ بَرْسْوُبْرْبَرَبِ ڇْسْبْرْبْوِ وَحِوُبِ بَبْرْبْءِوَّسْبْرْ ڤَّبِرَّ ڇُوُبْرْمُبْ مَبَرَمِ بَبَرَبِءِ سَرَوَبْرْسْ حِبَرَبَرْسْ ڇُوُحْرْسْ سَوْسْقْرْمُ بْرْسْ حِسْءِوْ قْرْبْرَبِ وَبْرْوَبَرِ ءِڤَّبَرَمْ بْرِحِبَرَحَبْرْؤْ. مَرَسءِ مُمُ بُرْمُبْءِبَرَحَبَّرِ حِرَّبْرْ ڤَرَّوَبِ بْرِبِ ڤِبَرَ مَرَسءِمَبِ وَبْرْسْ بُرْمُبْ ڤِبَرَ مَرَسءِبَرَحَبْرْؤْ.

56	ᏂᏍᎩ	ᎦᏙ. ᏣᎩᎦᏣ	ᏣᏄᏍ ᏩᎩᏓ	ᏧᎩᏍᏗᏩᎩᏓ ᏔᏂᎩᏓ ᏗᏂᏍᏗᏩᎩᏓ ᏣᏄᏍ ᏣᏄᏍ ᏩᎩᏓ. ᎯᏍᏗᏩᎩᏓ ᏔᏂᎩᏓ ᏗᏂᏍᏗᏩᎩᏓ ᏣᏄᏍ ᏣᏄᏍ ᏩᎩᏓ. ᏧᏂ

58	ދާނާ	ހ. ގެއްދޫ	ވެލާ ފަރާތުގެ ގޯ ވިއްކުމަށް	ފަރާތުގެ ގޯ ވިއްކުމަށް ކުރިން ގޯ ގެ 2 ވަނަ ބައި. ފަ ގޯ ވިއްކުމަށް ކުރިން ގޯ ގެ ބައިތައް ވަކިކުރުމަށް ގޯ ގެ ބައިތަކުގެ ވަށާ ގޯ ގެ ބައިތަކުގެ ވަށާ. ފ 2 ގޯ ވިއްކުމަށް ކުރިން

60	ފުރުން ވަޒީފާ ދިނުމުގެ ތަންތަން	ހ. ތަކަންދޫ	ތަކެތީގެ ބަދަލުގައި ފައިސާ ދިނުން	ދިރާސާ ކުރެވުނު ތަކެތި ކަނޑައަޅާ ތަނަށް ގެންދިއުމަށް 4 ދުވަހުގެ ތެދުވެރިކަން ދިނުން. ދިރާސާ ކުރެވުނު ތަކެތި ގެންދިއުމަށް ބޯޓު ދަރުވާނަމަ ބޯޓު ދިރާސާ ކުރާ ފަރާތުން ދިނުން. ދިރާސާ ކުރެވުނު ތަކެތި ގެންދިއުމަށް ބޯޓު ދިރާސާ ކުރާ ފަރާތުން ދިނުން.
61	ތިނަ	ހ. ތަކަންދޫ	ތަކަންދޫ ޖެއް ދަނޑަގަ	ދަނޑަގަ (ދިންތާރު ލިޔުމުގައި ބުނެފައިވާ ގޮތަށް) ހިއްސާ ކުރުން
62	ފުރުން ވަޒީފާ ދިނުމުގެ ތަންތަން	ހ. ދިވެހަރަށް	ކޮމާޝަލް ބޭންކް ތަކުރުމާގެ ދަށުގައި	ދިވެހަރަށް ގަނެ ތަކުރުން. ތަކުރު ދަށުގައި ކުރިއަށް ގެންދާ ކަންކަން ކުރުމަށް ބޭންކް ތަކުރުގެ ކުރިން ދަށުގައި ކުރިއަށް ގެންދާ ކަންކަން ކުރުމަށް ބޭންކް ތަކުރުގެ ކުރިން
63	ގަސްގަނޑު	ހ. ތުޅަންދޫ	ހިއާ ގަސް/ ޖެއް ހިއާގަސް	ގަނޑުގައި ތިބޭ ގަސް ކެނޑުމަށް ދެ ގަނޑެއް ދިރާސާ ކުރެވުނު ތަނަށް ދިރާސާ ކުރާ ފަރާތުން ގެންދިއުން. (ދަރަޖަ 5 ފުޅަށް، ދުސްލަ 29 ފުޅަށް) 100 ދަރަހަ ތަނަށް ގެންދިއުމަށް ބޯޓު ލިބިދިނުން
64	ގަސްގަނޑު	ހ. ތުޅަންދޫ	ދުވުނު ބޮލި ގަސް	
65	ގަނޑު ގަދަކުރުމުގެ ކުރިން ތަކެތި ގެންދިއުމަށް ހިއްލަވާ ފަރާތަށް ހިއްލަވާ ގޮތަށް ދެއްވުން. (ދަރަޖަ 1.52 ފުޅަށް ދުސްލަ 08 ފުޅަށް) 75 ދަރަށް ތަރަފަ 90 ދަރަށް ގެނައުން ބޯޓު ލިބިދިނުން	ހިއްލަވާ ގަސް	ހ. ތުޅަންދޫ	
66	ކަނޑަރަށް	ޖެއް ބޮޑުކުރުން (ގަނޑު ދުވުނު)	ހ. ތުޅަންދޫ	ކަނޑަ ދިރާސާ ކުރެވުނު ތަނަށް ދިރާސާ ކުރާ ފަރާތުން ދިނުމަށް ކުރިން ދިރާސާ ކުރާ ފަރާތުން ދިރާސާ ކުރާ ފަރާތުން ދިރާސާ ކުރާ ފަރާތު

69	ތިލައްކަށް	ހ.ތ. ތުލަންބަންދ	ފަރާތް ލިޔުމުގެ ދަށުން	ތަކެތި ގެންނަ ބޯޓަށް ކުރިން ލިޔުންތަކުގެ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެއިން ހޯދާ ގޮތް. ތަކެތި ލިޔުންތަކުގެ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެއިން ހޯދާ ގޮތް. (184×130×159×189) ތަކެތި، ތަކެތި، ތަކެތި. 27354ބަންދަށް 100 ބަންދަށް ކުރިން ކަނޑައެޅުނު. ތަކެތި ލިޔުންތަކުގެ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެއިން ހޯދާ ގޮތް.
70	ތިލައްކަށް	ހ.ތ. ތުލާދ	ލިޔުން ލިޔުންތަކުގެ	ދާއިރާ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެއިން ހޯދާ ގޮތް. ލިޔުންތަކުގެ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެއިން ހޯދާ ގޮތް. ލިޔުންތަކުގެ ތެރެ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެ 15 ދިވެހިންގެ 1359 ވ. (1940 -9 - 18ވ.) ގައުދު. ތިލައްކަށް ލިޔުންތަކުގެ ތެރެއިން ބަލައި ބަލައި ތަކެތި (ތަކެތި ތަކެތި ލިޔުންތަކުގެ)
71	ކަތަރަތްދ	ހ.ތ.ތުލާދ	ލިޔުންތަކުގެ ތެރެއިން ބަލައި	ލިޔުންތަކުގެ ތެރެ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެ 14 ދުވަހު 7 ތަކެތި، ތަކެތިކަން ބަލައި ބަލައި.
72	ކަތަރަތްދ	ހ.ތ.ތުލާދ	ލިޔުންތަކުގެ ތެރެއިން ބަލައި	ތަކެތި ލިޔުންތަކުގެ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެ 25 ދުވަހު 8 ތަކެތި، ދުވަހުގެ 20 ދުވަހު 8 ތަކެތި ތަކެތި ތަކެތި ލިޔުންތަކުގެ ތެރެ ތެރެއިން ބަލައި ބަލައި. ތަކެތި ތަކެތި ތަކެތި ތަކެތި ތަކެތި ތަކެތި ތަކެތި ތަކެތި ތަކެތި ތަކެތި.
73	ކަތަރަތްދ	ހ.ތ.ތުލާދ	ލިޔުންތަކުގެ ތެރެއިން ބަލައި	ތަކެތި ލިޔުންތަކުގެ ތެރެ ތެރެއިން ބަލައި ބަލައި ތަކެތި ލިޔުންތަކުގެ ތެރެ ތެރެ ތެރ

74	ﺑﻪﻧﺮﻧﺮﻣﻮﺭ	ﺭﻫ.ﺭﻭﺭﺭﻣﻮﺭ	ﺩﺳﻪﺑﻪﻣﻪﻧﻎ ﻫﻮﮔﺮﻭﺳﻪﻣ	ﺩﺳﻪﺑﻪﻣﻪﻧﻎ ﻫﻮﮔﺮﻭﺳﻪﻣ ﺭﻭﺭﺭﻣﻮﺭ ﺭﻫ.ﺭﻭﺭﺭﻣﻮﺭ ﺑﻪﻧﺮﻧﺮﻣﻮﺭ	74
75	ﺑﻪﻧﺮﻧﺮﻣﻮﺭ	ﺭﻫ.ﻭﺳﮓﻧﺮ	ﺩﺳﻪﺑﻪﻣﻪﻧﻎ ﻫﻮﮔﺮﻭﺳﻪﻣ	ﺩﺳﻪﺑﻪﻣﻪﻧﻎ ﻫﻮﮔﺮﻭﺳﻪﻣ ﺭﻫ.ﻭﺳﮓﻧﺮ ﺑﻪﻧﺮﻧﺮﻣﻮﺭ	75
76	ﻫﺮﮔﻮﻣﻮ	ﺭﻫ. ﺭﻧﺮﻭﻧﺮ ﻧﻪﺀ ﺩﺳﻪﺑﻪﻣﻮ	ﺭﻧﺮﻭﻧﺮ ﻧﻪﺀ ﺩﺳﻪﺑﻪﻣﻮ ﺭﻫ. ﺭﻧﺮﻭﻧﺮ ﻫﻮﮔﻮﻣﻮ	ﺩﻫﻮﻫﻪ ﺭﻧﺮﻧﻮﻫﻪ ﻭﻮﺭ ﺷﺸﺮﺷﺘﺮﻧﺸ ﻧﻮﺭ ﺩﺳﻪﺑﻪﻣﻮﻧﺸ ﻫﻮﻫﻮﻧﻮﻧﺸ ﻭﻮﻧﻮﻫﻮﻧﺸ ﻫﻮﻭﻫﻮﻧﻮﻫﻪ ﻭﻮﻧﻮﻫﻮﻧﺎﻧﺸ ﻭﻮﻫﻮﻧﺎﻧﺸ ﻫﻮﻭﻫﻮﻧﻮﻫﻪ ﻫﻮﻭﻫﻮﻧﻮﻫﻪ ﻫﻮﻭﻫﻮﻧﻮﻫﻪ

80	ތިމާގަނޑު	ހަތް ފިހާރަ	ހުކުރު ހިނގާތަ	ހިނގާ ހަތް ފިހާރަ ތެރެ ހުކުރު ހިނގާ 1107ވ. ވަނަ ތަނަށް ދިގުވެއްޖެ ކަމުގައި ބަލައިގެންނެވި ތަނަކީ ހުކުރު ހިނގާ ދިގުވެގެންދާ ތ ތަނަކުން ފެށިގެން ކަނޑުމަތީގައި ކައިރީ 21 ވަނަ ފާރަކަށެވެ. ދި ހިނގާތަ ކުރިއަށް ދާއިރު ހިނގާ ދިގުވެ ދިއުމުގެ ކުރިން ދިގުވެ 2000 ވަނަ ތަނަކުން ބަލައިގެންނެވި ތަނަކީ ވަޅާ ކައިރި ތަނެވެ. ދި ހިނގާތަ ދިމާވާ ތަނުގައި ދެ ފަރާތަށް ބަލައިގެންނެވި ތަނަކީ ދިގުވެ ދިއުމުގެ ކުރިން ދިގުވެ ހުރި ތަނެވެ.
81	ކަތަރަމާފާ	ހަތް ފިހާރަ	ފާސްކޮށް ދިނުމުގެ ތަކެތި	ކަނޑުގެ ތެރެއިން ފެނުން ނެގުމަށް ބޯ ބޭނުންކުރާ ގޮތުގައި ބޯ ދަމާ ތަނަށް ދާ ފަރާތުން ބޯ ދަމާ ތަނުގައި ހުންނަ ފަރާތަށް ދެ ފަރާތުން ބޯ ދަމާ ތަނަށް ދާ ފަރާތުން 8 ފޫޓް 7 އިންޗި، ދެވަނަ ފަރާތުން 8 ފޫޓް 6 އިންޗި ދުރު ހުންނަ ގޮތަށެވެ. ދިގު ފަހަރު ކަނޑައަޅާ ގޮތަށް ބަލައިގެންނެވި

82	ﺑﻪﻧﺮﻧﻪﻗﺮ	ﺭﻩﺭ. ﺯﯜﺱ	ﻳﻊﮔﺮﻫﻮﺣﺪﻭﺩﻩ ﺭُﺭﻩ ﺩﺭﮔﺮﻫﻪﻫ	ﺣِ ﻧﺮﻧﺪ ﻳﻊﮔﺮﻫﻮﺣﺪﺗﻲ ﺳﻬﮓ ﺩﻭﺩﺪ ﻫﻪﻳﺮﺩﻩ، ﺗﺘﮓ 100 ﺗﺘﺞ ﻫﻪﻫﺪﻭﺩﻩ، ﺭﺭﺩ ﻫﺪ ﺩﻭﺩﻩ ﺭﺭﺩﻫﺪﺭﻮﺩﺪ 2 ﺗﺘﺞ ﻫﺮﺳﻪﺗﺮ ﻭﺮﺭﻩﺪﺮ ﺗﺰﻫﻲﺩﻫ ﺗﻲﺭﻩﺪﺮ ﺩﺭﮔﺮﻫﻪﻫﺰﻭﺭ ﺗﺰﻫﺮﺗﺮ ﺭﺭﺭﻩﻭﺰﻩﻭﮓ ﻫﻲﺮﻫ ﻫﻪﺭﻪﻫﻪﺞ. ﺣِﻮﮔﺮﺩ ﻧﺰﻫﻪﺣﺮﺩﻩ 20 ﺗﺘﺞ، ﺣِﺰﻧﺪﺣﺮﺩﻩ 37 ﺗﺘﺞ ﻫﻪﺭﻪﻫﻪﺞ. ﺣِ ﻫﻲﺮﺮ ﺑﻪﻫﺪﺮ ﻫﺮﻫﺮﺮ ﻫﻲﺮﻫﻪﺗﻪﺗﺰﮔﺮ ﻳﻊﮔﺮﻫﻪﺞ. ﻫﻪﺩﺰﻩ ﺣِ ﻫﻲﺮﺮ ﺭﻫﺪﺮﻫﻪﺞ. ﻫﻪﻳﺪ ﺣِﻫﻲﺮ ﻭﺮﺭﻩﺪﺮ ﺫﻫﻪﺮﺰﻩﺭﻩ، ﻭﻲﺭﻫﺪﺮ ﺣِﻮﻭﺰﻪﺮﺰﻩﺪﻩ ﺭﻩﺮﻩ ﻧﺰﻫﻪﺣﺰﻩ ﺯﻫﺮﻩ ﺭﻫﺮﻭﺭﻩﺪﻩ ﺯﻫﺮﻩ. ﺳﺮﺰﻩﺪﺰﻩ ﺣِﻮﮔﺮﺩ ﺭﻫﺪﺮﻫﻪﺞ. ﺳﺮﺰﻩﺪﺰﻩ ﺣِﻮﮔﺮﺩ ﺭﻫﺪﺮﻫﻪﺞ. ﺭﻫﺪﺮﻫﻪﺞ. ﺳﺮﺰﻩﺪﺰﻩ ﺣِﻮﮔﺮﺩ ﺭﻫﺪﺮﻫﻪﺞ. ﺭﻫﺪﺮﻫﻪﺞ.
83	ﺑﻪﻧﺮﻧﻪﻗﺮ	ﺭﻩﺭ. ﺗﻪﺩﺵﻪﻗﺮ	ﻫﺮﺳﻪﺗﺮﺳﺮ	ﺣِ ﻧﺮﻧﺪ ﻫﺮﺳﻪﺗﺮﺳﺮ ﻫﺘ ﺑﻪﻫﺪﺵ، ﺭﺭﮔﺮﺗﻪﺩﻭﺰﻩﺭﻩﮔ ﻫﺵﺮﻫﻪﺩﻩ ﻫﻲﺵﻫﻲﺵ ﻭﺳﺰﻩﺭﻩﺪﻩﺞ. ﻧﺮﻧﺪ ﻫﺮﻫﺮﻫﻪ ﻭﺮﺭﻩﺪﻩ ﺭُﺭﻩ ﺣِ ﻫﻮﺳﻩﺭﻩ ﻭﺮﺗﺮﺗﺪ ﺭُﺭﻩ ﺛﺮ ﻫﺵﺮﻫﻪﺩﻩ ﻩﻩﺭﻩﺪﻩ ﻭﺳﺰﻩﺭﻩﺪﻩﺞ. ﻭﻲ ﻫﻪﻫ ﻫﻲﺵﻪﺩﻩ ﻭﺮﺭﻩﺪﻩ 156 ﺗﺘﺞﺪ. ﻫﺮﺳﻪﺣﺮﺳﻲ 10 ﺗﺘﺞﺪ. ﻏﻪﻫﻩﺳﻩﺭﻩﺗﻪﺵ ﻭﻲ 55 ﻫﺮﺭﻪﺮ ﻧﻪﻳﺮﻩﺭﻩ ﺣِ ﻫﻲﺵ ﺗﺘﺵﺪﻩﺵ ﻫﻲﺭﻩﺮ ﺭﻩﺭﻩﺭﻩ ﺭﺮﺳﻲﺮ ﺯﻫﺘﺪ ﺗﻪﺳﻩﻩﺭﻩ ﺭﺮﺵﻲﺮ ﺭﻩﺮﻩ ﺗﻪﺭﻪﺪ ﺩﻫﺪﺪ. ﺗﺘﺵﺮ ﻭﺮﺳﺪ ﻫﺪ ﻫﺮﺪﻫﻪﻫﻪ ﺵﺮﺰﻩﺪﻩﺞ. ﺣِ ﻫﻲﺮﻫ ﻫﻩﺮﻩﺪﺮ ﻫﺰﺪﺗﺪﺮﻫﺪﺰﻩﺭﻩﮓ ﻫﻲﺵﻪﺪﻩﺞ.
83	ﺳﻪﺭﺰﻩﺪﺮ	ﺭﻩﺭ. ﺗﻪﺩﺵﻪﻗﺮ	ﻫﺮﺳﻪﺯﻩﻪ	ﺣِ ﻧﺮﻧﺰﻩ ﺭُﺭﻩ ﺛﺮﻭﺮ ﻫﺮﺳﻪﺯﻩﺪﻩ ﻭﺮﺗﺮﺗﺪ 100 ﺗﺘﺞﺪ. ﻫﺮﺳﻪﺣﺮﺳﻲ 4 ﺗﺘﺞﺪ. ﺣِﻮﻫﺵ ﺣِﻮﮔﺮﺩ ﺭُﺭﻩ ﺗﻪﺭﻩﺮﺵﻪﺩﺵ ﻫﻲﺭﻩﺪﻩﺰﻩﺭﻩ ﺗﻪﺩﺭﻩﺭﻩ ﻫﺮﺵﺮﻫﻪﺭﻩ ﺭﻩﺪﻩﺪﻩﺪﻩﺵ ﺗﻪﺩﺭ ﺭﻩﺪﻩﺪﻩﺭﻩﺭﻩﺞ ﻫﻲﺭﻩﺪﻩﺰﻩﺭﻩﺪﻩﺞ. ﺣِﻮﮔﺮﺩ ﺣِﻮﻫﺵ ﺭُﺭﻩ ﻭﺮﺩﻩﺪﻩﺗﻪﺭﻩ ﺗﻪﺩﺭﻩﺭﻩ ﻫﻩﻫﺮﺳﻩﺭﻩ ﺭُﺭﻩﺮﺵﻲﺮ ﺯﻩﺪ ﺗﻪﺩﺭﻩﺭﻩﺪﻩﺪﻩﺵ ﺭﻩﺪﻩﺪﻩﺭﻩﺭﻩﺞ ﻫﻲﺭﻩﺪﻩﺰﻩﺭﻩﺪﻩﺞ. ﺣِﻫﻲﺪﻩﺵ ﻫﻩﺪﻩﺰﻩﺭﻩﺪﻩ ﺗﻪﺭﻩﺮﺵﻪﺩﻩﺰﻩﺭﻩﮓ ﻫﻲﺵﻪﺪﻩﺞ.
84	ﻫﻩﺩﮔﻲﺮﻫ	ﺭﻩﺭ. ﺗﻪﺩﺵﻪﻗﺮ	ﻫﻩﻗﺮ ﺣِﺵﻪﻫﻪ	ﺣِﺵﻪﻫﻪﺩﻭ 425 ﻫﺮﻪﺗﻪﺞ ﻫﺰﻫﺮﺮ ﺯﻲﺩﺰﻲﺮﻫ ﺵﻪﺭﺗﺮ ﺵﻪﺭﺮﺵﻪﺗﻪﺰﻩﺭﻩﺰﻩﺭﻲﺭ ﻫﺰﻭ، ﺯﻩﺪ. ﺣِﻫﻩﺩﮔﻲﺮﻫﻲﺮ ﮔﻲﺮﻫﺰﻩﺗﻪﺵ 90 ﻫﺮﺰﻪﺭﻩﻭﺮﺵ. ﺣِﺵﻪﻫﻪ ﺭُﺭﻩﺮﺵﻲﺮ ﺯﻩﺪﻩﺵﻪﻲﺵ ﻩﺪﻩﺰﻩﺭﻩ
84	ﺑﻪﻧﺮﻧﻪﻗﺮ	ﺭﻩﺭ. ﺯﻩﺪﺵﻪﻗﺮ	ﺯﻲﺭﻩﺭ ﻫﻲﺵﻪﺩﻩﺰ ﻫﻲﺰﻪﺰﻲﺮﻫ	ﻧﺮﻧﺰ ﻫﻩﺪﻩﺰﻩﺭﻩﺪﻩﮔﻲﺮﻫ ﺯﻲﺵﻩﺪﻩﺗﺰﻩﺰﻩﺭﻩ ﺯﻲﺭﻩﺭ ﻫﻲﺵﻪﺰﻪﺩﻩﺰ ﻫﻲﺰﻪﺰﻲﺮﻫ ﻫﻲﺰﻪﺰﻲﺮﻫ ﻫﻲﺰﻪﺰﻲﺮﻫ. ﺣِﻫﻲ ﻭﺮﺳ ﻫﻲﺵﺮﻫﻪﺩﻩ ﺣِﻮﻫﺰﻩﺭﻩﺪﻩ ﺭﻩﺰﻩﺭﻩﺰﻩﺭﻩﮓ، ﻉﻩﺭﻩﺭﻩﺪﻩﺭﻩ 18 ﺗﺘﺞ 10 ﻫﺮﺵﻩﻫ ﺭُﺭﻩ ﻫﺮﺵﻪﺪﻩﺞ. ﻧﻪﻳﺮﻩﺭﻩ ﺣِﻮﻫﺵ ﻧﻪﻫﻩﻳﺮﻩﺭﻩ 3 ﺗﺘﺞ 5 ﻫﺮﺵﻩﻫﻲ ﻭﻲﺭﻪ ﺭﻩﺪﻩﺞ. ﻧﺮﻧﺰﻩﺵ ﺣِﺵﻪ ﻫﻩﺭﻩﺵﻩﻫ ﻭﺮﺳ ﻲﺭﻲﺵﺪ ﺗﺘﺵﻩﺰﻩﺪﻩﺞ. ﺣِﻫﻲﺵ ﻫﻩﺪﻩﺰﻩﺭﻩﺪﻩ ﻫﻲﺰﻪﺰﻲﺮﻫ ﻫﻲﺵﻪﺪﻩﺞ.

85	ތިލައްގޮތް	ހިއްކުމުގެ ގޮތުގައި	ކުރިން ދިވެހިރާއްޖެ ހުރި ބައެއް ބަންދުގެ ތަންތަނުގައި ބަންދުކުރެވުނު ފަރާތްތަކަށް ދެން ބަންދުގައި ހުރުމުގެ ބަދަލުގައި ދިވެހިރާއްޖެ ދަށުގައި ހުންނަ ތަންތަނުގައި ބަންދުކުރުމަށް ކަނޑައަޅާ ގާނޫނު ނަންބަރު 1359 ގެ 16 ވަނަ ދުވަހު (26 ފެބްރުވަރީ 1940 ވ.) ހެދި. ދިވެހިރާއްޖެ ދަށުގައި ހުންނަ ތަންތަނުގައި ބަންދުކުރެވުނު ފަރާތްތަކަށް ދެން ބަންދުގައި ހުރުމުގެ ބަދަލުގައި ދިވެހިރާއްޖެ ދަށުގައި ހުންނަ ތަންތަނުގައި ބަންދުކުރުމަށް ކަނޑައަޅާ ގާނޫނު ނަންބަރު 1359 ގެ 16 ވަނަ ދުވަހު 10 ވަނަ ނަންބަރުގެ ގާނޫނު ގެ 5 ވަނަ ބައި 34 ވަނަ ދަށ ދިވެހިރާއްޖެ. ކުށްވެރިކަމުގެ ސަބަބުން ދަނޑަ ބަންދުގައި ބަހައްޓާ ފަރާތްތަކަށް ދެން ބަންދުގައި ހުރުމުގެ ބަދަލުގައި ދިވެހިރާއްޖެ ދަށުގައި ހުންނަ ތަންތަނުގައި ބަންދުކުރުމަށް ކަނޑައަޅާ ގާނޫނު ގެ ދަށުން ދިވެހިރާއްޖެ ދަށުގައި ހުންނަ ތަންތަނުގައި ބަންދުކުރެވުނު

87	ގައުމީހުރިން	ހިއްސާ ދޭކުރާ	ހިއްސާ ދީފައި ހުންނަ	1970 ގ ތާރީޚުގެ ކުރިން ފާސްކޮށްފައި ހުރި ބަދަ ގަނޑަށް ގެންނަ ގޮތުގެ ގޮތުގައި، ހިއްސާ ދީފައި ހުންނަ ފަރާތްތަކުގެ ހިއްސާ ދީފައި ހުންނަ ބައި ބަދަ ގަނޑުގެ ގޮތުގައި ގެންނަ ގޮތުގެ ގޮތުގައި، ގެންނަ ގޮތުގެ ގޮތުގައި

89	ﺑﻪﻧﺮﻧﻪﻣﺮ	ﺭﻫ. ﻭﻫﻴﻨﻪﺭﻣﺮ	ﺷﺮﻧﺒﺮﺷﻤﺮ ﻫﻮﺭ ﻫﺮﺷﻪﺳﺮ	ﺣ ﻫﺮﻧﺮﻯ ﺭﺭﻯﺳﺮﻯﻭﺭﻣﺮﻯﻫ ﻫﺮﺭﺷ ﻫﺮﺷﻪﺳﺮﻯﻫﻮﻫﻪ ﻭﻫﻫﻭ. ﺣ ﻫﺮﺷﻪﺳﺮﻯﻫﻮﻫﻪ ﻫﺮﺷﻪﺳﺮﻯﻫ ﻭﻫﺮ ﺗﺒﺮﻫﺮﺷﻮﻫﺮ ﻣﻮﺮﻭﻭﻫ ﺗﻪﺣﺮ ﺣﻪﻫﺮﺭﻫﻭ ﻭﺮﻭﻫﻭﻫﻫﻭ. ﺣ ﻫﺮﺷﻪﺳﺮﻯﻫ ﻫﻮﺮﻫﺮﺷ ﻫﻮﺒﺮﻫﻮﻫﻮﺒﺮﻫﺮﺷﻮﻫﺮﺭﻫ ﻫﻮﺷﻪﻫﻭ. ﻫﺮﺷﻪﺭﺭ ﺭﺒﺮ ﺗﻪﺷﻪﺮﻫﻪﻫ. ﺣﻮﻫﺮﺷ ﻫﺒﺮﻫﺮﺷ ﺗﻪﺮﺭ ﺭﺮﺮﺷﺮﻫﻪ ﺷﺮﺒﺮﻫﺮﺷﻮﻫﺮ ﻭﺒﺮ ﻫﺮﺷﻪﺳﺮﻯﻫﻪﻫ ﻭﻫﺮﺷ ﺷﻪﻫﺮ ﻫﻮﺮﻫﻮﻫﻮﻫ

92	ﻫﺳﮕ	ﺭﻫﺭ. ﻭَﻫﺒَﺭَﻣَﻗّ	ﻭَﺩْﺩْﻣْ ﺯَﺩْ	ﺩِﺩْﺩَﺭَﺩْﺩَﺭَﺩْﺩَﺭَ

95	ތިލައްގެ	ހ.ބ. ފޮތިކަރަ	ކާނާ ހެދުމަށް ބޭނުންވާ ތަކެތި	ފިލާ ކަނޑައެޅުމުގައި ފެންނަ ގޮތަށް (ފަތިކަ ފަދައިން) ހުންނަފަދަ ގޮތަކަށް ކަނޑައެޅުން. ކަނޑައެޅުމުގައި ދިގުމިން ކަނޑައެޅުމަށް ބޭނުންވާ ދިގުމިން

98	ﺑﻪﻣﺮﻣﻪﻣﺮ	ﺭﻩﺭ. ﻣﻮﻭﻣﺮﻣﺮ	ﺣﺴﻪﺑﻮﻫﻪﺋﻲ ﻫﻮﮔﺮﻭﺳﺪ	ﺣ ﻣﺮﻣﺮﻭﻣﻮﻫﻪ ﺣﺴﻪﺑﻮﻫﻪﺋﻲ ﻫﻮﮔﺮﻭﺳﺪ ﻧﺮﻭﺣﺮﻭﺳﺪ 11 ﻣﻮﻣﻪ 5 ﻣﺴﻪﻛﻮ ﻫﺮﻣﺮ ﻫﻪﺳﻪﺣﺴﻪﻭﺳﺪ 1 ﻣﻮﻣﻪ 4 ﻣﺴﻪﻛﻮ 15 ﻣﻮﻣﻪ 9 ﻣﺴﻪﻛﻮﻫﻮﻫﻮ. ﻣﻮﻫﻪﺣﺴﻪﻭﺳﺪ ﻣﺮﻣﺮﻭﻫﻪﺋﻲ ﻫﻪﺳﻪﻣﺮ ﻟﻮﮔﻮﺳﻪ ﻫﻮﻫﻮ. 12 ﻭﻮﺳﺮ ﺗﻮﻣﺴﻪﺋﻲ ﻣﺮﻣﺮﻭﻫﻪﺋﻲ ﻫﻪﺳﻪﻣﺮ ﻟﻮﮔﻮﺳﻪ ﻫﻮﻫﻮﻫﻪﻣﻮﻫﻪﻣﺮﻭﻫﻪﻭﺳﻪ ﺣ ﻣﺮﻣﺮﻭ ﺳﻪﻫﻪﺳﻪﻣﺮ ﺳﺮﺣﺮﺳﻪﺳ ﺳﻪﻫﻪﻣﺮ ﻣﺮﻣﺮﻭﻫﻪﻭﺳﻪ ﻫﻪﺳﻪﻫﻪﺳﻪﻫﻪﺳﻪﻫﻪﻭﻫﻪ.|
99	ﻫﻪﮔﻮﻣﻮ	ﺭﻩﺭ. ﻟﻪﻫﻪﻭﻫﻪﻣﻪﻭﻫﻪﻣﺮ	ﺗﺎﻫﻪﺋﻲ ﺭﻩﺗﺎﻣﺮ ﺣﺴﻪﻫﻮ	ﺣ ﻣﺮﻣﺮﻭﻫﻪﺋﻲ ﺭﻩﺗﺎﻣﺮ ﻫﻪﺳﻪﻫﻪﻭﻫﻪﻣﻪﻭﻫﻪﻣﺮ ﺭﻩﺭ ﻫﻪﺭﻩﺋﻲ ﺣﺴﻪﻫﻪﻭﻫﻪﺗﻪ. ﺣ ﺣﺴﻪﻫﻪﻭ ﺭﻩﺭ، ﻫﻪﺭﻩﻫﻪﻣﻪﻭﻫﻪﺋﻲ ﻫﻪﻫﻪﻭﻫﻪﻣﻪﻭﻫﻪﻣﺮ ﺭﻩﺭ ﻫﻪﻫﻪﻫﻪﺋﻲ ﻫﻪﻫﻪﻭﻫﻪﻣﻪﻭﻫﻪﻣﺮ ﻫﻪﻫﻪﻭﻫﻪﻣﻪﻭﻫﻪﻣﺮ ﺭﻩﺭ ﻫﻪﻫﻪﻭﻫﻪﻣﻪﻭﻫﻪﻣﺮ ﺣ ﺣﺴﻪﻫﻪﻭ ﺣﺴﻪﻫﻪﻭﻫﻪﻣﻪﻭﻫﻪﻣﺮ

101	ތިލާގަމު	ހިއްސާ ދިނުމުގެ	ބަންދު ކުރުމަށް	ދިވެހި ރައްޔިތުންނަށް ހަމަ ހަ
101	ތިލާގަމު	ހިއްސާ ދިނުމުގެ	ބަންދު ކުރުމަށް	ދިވެހި ރައްޔިތުންނަށް ހަމަ ހަ
102	ކާނާ	ހިއްސާ ދިނުމުގެ	ބަންދު ކުރުމަށް	ދިވެހި ރައްޔިތުންނަށް ހަމަ ހަ

102	ތިލާދަންދޫ	ހދ. ހުޅުވަހަށް	ގުދަނުގެ ވިލާތް	ލިބިގެންދާ ތަކެތި ބަލައި ބަލައި ހަރުދަނާ ގޮތުގައި ބަހައްޓާ ގޮތަށް ބަލަހައްޓަން ވާނެ ކަމަށާ ގުދަނުގެ ކަންތައް ބަލަހައްޓާ ފަރާތަށް ދަންނަވ

103	ތިއްބަމާ	ހ.ތ. ކުޑަހުރާ	ކުޑަހުރާ ދިވެހި ކުލަބް (ދ.ކ.ދ)/ ދ.ކ.ދ	ދ.ކ.ދ ކުޅަދާނުންނާ ގުޅިގެން ކ. ކުޑަހުރާ ދ.ކ.ދ ކުލަބުގެ ކ.ކ.ދ ކ.ކ.ދ ކ.ކ.ދ

104	ތިފާނީ	ހ. ކުޑަތިފާނު	ކުޑަތިފާނު ކަނޑުން ހަނގުރާ ވާނެ/ ވާ ދުވަސް	ފިލައިގެ ކުރިން ކަނޑުން ހަނގުރާ ވާ ދުވަސް ކަނޑުން ކުރިން ދަނޑިން ދަނޑިން ދަނޑިން ކަނޑުން ކަނޑުން ކަނޑު

109	ގަސްގަނޑަރ	ސ. ހަދާނ	ކާނ ގަސް	ހިނ ކާނ ގަސް ކާ 16 ގަނ ދުވަހުގ ތެދުވާ ކާނ ގަސް ކާ ދިގުކަމާ ހަމަ ކާ ދުވަސްވަރ ކާ ދުވަސްވަރ ކާ ދުވަސްވަރ

114	ތިނ	ނ. ކަނޑޫ	ގެންދަން	ފަރާތްތަކުން ތެރޭގައި ކުރިއަށް ގެންދާ ކަންކަމާ ގުޅިގެން ކަނޑޫ ބަލަހައްޓާ ފަރާތަށް ދަނޑުވެރިންނާ ދެކޮޅަށް ކަންތައް ކުރުމުގެ ކުށް ކަނޑޫ ބަލަހައްޓާ ފަރާތަށް ހުށަހަޅާ ގެންދާ ގޮތް. ކަނޑޫ ބަލަހައްޓާ ފަރާތުން ދަނޑުވެރިންނާ ދެކޮޅަށް ކަންތައް ކުރުމުގެ ކުށް ކަނޑޫ ބަލަހައްޓާ ފަރާތަށް ހުށަހަޅ

118	ﺑﻪﻧﺮﻧﻪﻣﺮ	ﺭ. ﺗﺌﻪﻣﻢ	ﻣﺴﻨﺮﻧﺮﻩ	ﻣﻨﺴﺮﻩﺷﻮ ﺩﺮﻧﻪﺩﻣﺮ ﭘﺮﭘﺮ ﺩﻱ ﻧﻨﺮﻧﺮ ﻭﺋﻪﻣﺌﺲ ﻫﻪﻣﺨﻮﻭﻣﺮ، ﺩﻱ ﻧﻨﺮﻧﻨﻪﺭ ﻣﺴﻨﺮﻧﻨﺮﻩ ﺗﺮﻧﺮﻭ ﻣﻨﺴﻪ ﻫﻪﻣﺨﻨﻪﺩﻣﺮ ﻫ ﻧﻨﺮﻧﺌ ﺩﻨﺴﻪﺗﺌﺲ ﻏﺮﻣﺴﺨﻮ، ﻫﻪﻭ ﻫﺮﻧﺌﻨﻪ ﻫﻨﺌﺲ ﭘﻮﺋ ﺳﺮﺩﻨﺮ ﻫﺮﻧﺮ ﺩﻱﻧﻪ ﻫﺴﻮﻣﺪ ﺳﻮﻣﺲ ﭘﻮﻣﺴﻨﻪﻣﺮ ﻫﺘﺴﻨﺮ ﻣﻨﺴﻪﻩ ﺗﺌﺪﻨﻪﻣﺮ. ﻫﻪﻭ ﮔﻮﭘ ﻫﻨﺴﻮﻣﺮﻧﻨﺌ ﺗﺮﻭﻨﺴﻮﻣﻨﺮﻨﻨﻪﻣﺮ. ﺩﻱ ﻣﻨﺴﻨﺌ ﻫﺮﺋﺪﻨﺮﻨﻨﻪﺭ 5 ﺗﻮﺗﻪ 2 ﻫﺮﺴﻜﻪ، ﺭﻨﺮﺴﻨﺌ ﺗﺌﻨﺌﻨﻪﺭ ﻣﻨﺌﻨﻪﺩﺮﺴﺲ 3 ﺗﻮﺗﻪ 4 ﻫﺮﺴﻜﻪ، ﻫﺮﺩﻨﻪﻭﺗﺌﻨﺌﻨﻪﺭ ﻣﻨﺌﻨﻪﺩﺮﺴﺲ 2 ﺗﻮﺗﻪ 10 ﻫﺮﺴﻜﻪ، ﻣﻨﺴﺮﺴﺲ 1 ﺗﻮﺗﻪ 7 ﻫﺮﺴﻜﻪ ﺭﻨﻪﻫﻨﻨﻪ. ﺩﻱﻭﻨﺴﻨﺌ ﺭﻨﺮﺴﻨﺌﺗﺌﻨﺌﻨﻪﺭ ﺭﻨﻪ ﻣﻨﺌﻨﻪﺩﻨﺮﻨﺲ ﻏﺮﻣﻨﻪﻣﻨﺮﺴ ﺗﻨﻪﻭﺗﺲ ﺩﻨﺮﻨﻨﻪﺭ ﻣﻨﺌﻨﻪﺭ ﻫﻪﻣﻨﻪﺲ ﻣﻨﺴﻪﻩ ﺗﺴﻨﻪﻫﻨﻨﻪﺭ ﻣﻨﺴﻪﻩ

120	ﺑﻪﻧﺮﻧﺮﻣﺮ	ﺭ. ﺣﺮﻧﺮﻣﺮ	ﺭﻣﻮ ﻫﻪﻣﺮ ﻛﺴﺮﻫﺮﻳﻜﻮ ﻣﻮﺷ	ﻧﺮﻧﺮﻯ ﺍﻣﻮﻣﺮﻯ ﻓﺮﻧﺮﻣﻮﻣﺮ ﺍﻧﺮﻧﺮﻣﺮﻛﻨﺮ ﺍﻣﺮﺷﺮ ﻣﺮﺳﺮﻣﺮ ﺭﻣﻮﻫﻪﻣﺮ ﻛﺴﺮﻫﺮﻳﻜﻮ ﻣﻮﺷ ﺣ ﺳﺮﻣﺮﺷ ﻳﺮﻫﺮﻣﻮ. ﺣﺮﻩ ﻳﺮﻣﺮﺣﺮﻓﺮﻣﺮﻣﻮ ﻣﻮﺷﺮﻣﻮ. 100 ﻣﻮﻣﺮ، ﻣﻮﻣﺮﺣﺮﺷﺮﻛﺮ 50 ﻣﻮﻣﺮ ﺭﻧﺮﻣﻮ. ﺣ ﻣﻮﺷﺮ ﻣﻮﻣﺮﻣﺮﻛﺮ ﻫﺮﻣﻮﺱ، ﻣﻮﻩ ﻫﺮﻣﺮﻣﺮﻛﺮ ﻋﻮﺷﺮﻛﺮ، ﻣﻨﺮﻫﺮﺷ ﻣﺮﺷﻫﺮﺷﺮﻛﺮ ﻳﺮﻫﺮﺷ ﻫﺮﻫﺮﻣﻮﻫﺮﻛﺮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻣﻮﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻣﻨﺮﻫﺮﻣﻮ، ﻫ ﻧﺮﻧﺮﻯ ﻣﻮﻣﺮﻣﺮ ﻓﺮﻣﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻣﻮﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﺣ ﻳﺮﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻛﺴﺮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ، ﻧﺮﻣﺮﺷﺮﻧﺮ ﺭﻛﺮﻣﺮﻛﺮﻣﺮﻛﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﺣ ﻧﺮﻧﺮﻯ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ، ﻫ ﻛﺴﺮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﻫ ﻣﻮﻧﺮﻯ ﻫﺮﻧﺮﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ 200 ﻫﺮﻧﺮﻫﺮ ﻣﻮﻣﺮ ﺭﻣﻮﻣﺮﻣﺮ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ. ﻛﺴﺮﻫﺮﻳﻜﻮﻫﺮﻛﺮ ﺍﻣﻮﻣﺮﻯ ﻣﻮﺷ ﻫﺮﻣﻮﻫﺮﻳﻜﻮﻫﺮﻛﺮ

124	ގަނޑަދާރި	ސ. ކުޑަހިއް	ކިއުގަނޑު/ ދ ގ ގ ގ ގ	ސ. ތަކުރާރުކުރާ ފަރާތުގެ ފުރިހަމަ ނަން ކާޑު ނަންބަރ ލިޔުއްވާ ފޯނު ނަންބަރ ލިޔުއްވާ ކުރިން ދަށުގައި ދެ ފަރާތުގެ ސޮއި ލިޔުއްވާ ފުރިހަމަ ކުރެވުނު ފަހުން ކާޑު ލިބިގެންދާ ދުވަސް 100 ދުވަހުގެ ތެރޭގައި ލިބިގެންދާ ގޮތަށް ކުރިއަށް ގެންދާ ގޮތަށް ކަނޑައަޅާ ކަންތައް ކުރުން.
125	ދިވެހި	ސ. ކުޑަހިއް	ކުޑަހިއްގެ ކާލަނ	ސ. ކުޑަހިއް ކާލަނ ދުވަހުގެ 100 ދުވަހުގެ ތެރޭގައި ކުރިއަށް ގެންދާ ގޮތަށް ކަނޑައަޅާ ކަންތައް ކުރުން. ކާލަނ ތައްޔާރުކުރުމަށް ބޭނުންކުރާ ފޮޓޯ ސައިޒް "2'·5 × "22'·7 ދުވަހުގެ ތެރޭގައި ކާލަނ ތައްޔާރުކުރުމަށް ކުރިއަށް ގެންދާ ގޮތަށް ކަނޑައަޅާ ކަންތައް ކުރުން. ކާލަނ ތައްޔާރުކުރުމަށް ކުރިއަށް ގެންދާ ގޮތަށް ކަނޑައަޅާ ކަންތައް ކުރުން. ކާލަނ ތައްޔާރުކުރުމަށް ކުރިއަށް ގެންދާ ގޮތަށް ކަނޑައަޅާ ކަންތައް ކުރުން. (100 ނަންބަރ)
126	ބަތަރުވުރ	ސ. ކަނޑުރ	ފ ދ ދ ގ ގ ތ ތ ތ ތ	ދ ކަނޑުގެ ފުރިހަމަކަމާ ގުޅިގެން ތަކުރާރުކުރާ ފަރާތުގެ ސަލާމަތާ ގުޅިގެން ކަންތައް ކުރުމަށް ކުރިއަށް ގެންދާ ގޮތަށް ކަނޑައަޅާ ކަންތައް ކުރުން. ދ ކަނޑުގެ ތެރޭގައި ދ ކަނޑުގެ ކަނޑާ ދ ކަނޑުގެ ތެރޭގައި ދ ކަނޑުގެ ތެރޭގައި ދ ކަނޑުގެ ތެރޭގައި

128	ﺑﻪﻣﺮﻣﻪﺭ	ﺱ. ﺟﺮ	ﺭﺳﺪﮔﺮ ﻭﺳﺪ	ﺣ ﻣﺮﺩ ﺗﺮﺗﺲ ﺟﺴﺪﻗﺮﺩﻩ ﺭﺳﺪﮔﺮ ﻭﺳﺪ ﺑﺎﮒ ﻣﺸﻪﺩﻩ ﮔﻪﻳ ﻫﺴﻪﺩﺗﺪ ﺭﻏﻮﺩﻭﻭﮒ ﻣﻪﻣﻪﺩﻪﺵ. ﺣ ﻣﺸﺪ ﺗﺮﺩﺣﺴﺩﻩ 100 ﺩﻭﺵ، ﺩﻭﮔﺪﺣﺴﺩﻩ 65 ﺩﻭﺵ ﻫﻪﺭﻪﺵ. ﺣ ﻣﺴﺮ ﺟﺮﺵ ﺣﺮﺩ ﺭﺳﺪﮔﺪﻫﺮ ﻫﻪﺣ ﻣﻪﻫﻪﻣﺪ ﺭﺩﺩ ﻫﺪﺣﺮﺩ ﺩﻫﺮ ﺩﻭﺭﻭﺗﺎ ﺩﺟﺪﻭﮔﺮﻣﻪﺵ ﺩﻫﻪﺵ ﻫﺴﻪﻭﺩﻭﻫﺮ ﻫﺪﺟﻪﺵ ﻫﺪ ﺩﺭﺵ ﺩﻫﺪﺵ ﺩﺭﺩ ﺣﺮﺩ ﻫﺸﻪﺩﺩﻭ. 1987ﺣ. ﺩﻫ ﻫﻪﺭﻪﺴﻮﮔﺮ ﺩﺩﻪﻫﺪﺭ ﻫﺪﮔﺮﺣ ﺭﺟﺮﺩﻭﺭ ﺣ ﺩﺳﺪﻗﺪﻫﺪﺵ ﻫﻪﺭﻪﺩﻫ ﻫﺒﺪﺩﻭﺩﺵ ﺣ ﮔﺴﺪﻫ ﻫﻮﮔﻪﻳ ﻫﺴﻪﻫﻪ ﺵﻪﺴﻪﺩﺵ ﻫﺪﺩﺵﺩﻭﺵ. ﻭﺣﺮﺵ ﻫﺪﻭﺭﺩﻫﻮﮒ ﻫﺴﻪﺩﺳﺪﻫ. ﮔﻪﺭﺪ ﺟﻪﺵ ﻫﻪﺴﻪﺩ ﻭ ﺭﻫﺮﻭﺩﻪﻫﺪﻫ ﻫﺴﺪﺟﺪﺵ ﺵﻪﻭﺵ. ﻫﺪﺵ ﺳﺪﺩﻭﺵ ﺩﺩﻪﺩﺵ ﺩﺭﻭﺴﻪﻭ ﺣﺮﺵ ﺩﺭﻫﺪﺵ ﺩﺳﺪﻭﺩﻫﻮﮒ ﺟﻪﺩﻫ ﺣﺪ 100 ﻫﺪﺭﻪﺩﻭﺩﺵ ﺩﺭﺵﺵﻭﺵ ﺣﻪﻣﻪﺵ ﺩﺭﺵﻫﺵﻭ. ﺣﻪﺴﺪﻭ ﺭﺳﺪﮔﺪﻫﺪﻫ ﺭﺳﻮﮒ ﻫﺴﻪﻫﺪﺭﮔﻪ، ﻫﻪﺴﺪﻭ ﺗﺮﮒﻪ ﻫﻪﻫﻪﺳﻪﻫﺪﺵ ﺟﻪﺩﻫ ﺵﺵﺩﺵﺩﺵﻭﮒ ﻫﺴﻪﻫﺪﺩﺩﺵ ﺵﻪﻭﺵ.	

129	ﺑﻪﻧﺮﻧﻪﻣﺮ	ﺱ. ﺩﻩﺭﻮﺮ	ﺗﺮﺩﺭﺷﺘﮓﻪ ﻫﺴﻪﻭﺳﺪﻩ	ﺩ ﻧﺮﺗﺮﻩ ﺗﺮﺩﺭﺷﺘﻩ ﺯﻩﻫﺘﻮﺳ ﺳﺪﻩ ﻫﺴﺘﮓﻪ ﻫﺴﻪﻭﺳﺪﻩ ﻫﺸﺘﻪ ﻫﺘﻮﺓﻪﻧﻮ. 1987ﺩ. ﻭﺳﺮ ﻫﺮﺮﻧﺘﻩ ﺩﻪ ﺩﺮﺮﺘ ﻣﺘﺮﺘﻩ ﮔﺪﻫﺘﻮﺩﺗﻮﺭﺗﻮﺭ ﺳﻪﺭﻮ ﻫﺘﻮ ﻫﺴﺪﻩﮔﺘ ﭼﺩﮔﺪﻩ ﻫﺮﻮﻫﺴﻪﻮﮔﻮﺭ ﺩﺒﺮﻫﺩﺮﻮ ﻫﺼﮔﺮﺪ ﻮﻭﺒﻮﮔﻪ ﺩ ﻧﺮﺸ ﻫﺮﺮﺗﻮﺗﻮ ﺗﺒﺘﻫﻮﻫﻨﻮ. ﻫﺮﻮﻫﺩﺒﺮ ﺩﺒﺮﻫﺩﺮﻮ ﻫﺮﺪﺮﺘ ﻮﺒﺮﺘﻮﺘ ﻫﺼﮔﺮﺪ ﻮﻭﺒﻮﮔﻪ ﺩ ﻫﺮﺸ ﺩ ﺳﺮﺮﺘﺘﺮ، ﺮﺒﺮﺮﻮﺸ ﺮﺒﺮ ﻮﺮﺮﻫﮔﻪ ﻫﺘﺮ ﻫﺸﺘﺮﻩ ﻩ ﻫﺮﺘﻮﺭ ﻮﺴﺮﻨﺴ، ﻫﻫﺮﺘﻮﺭ ﮔﻮﺮﻫﺮﺮ ﻮﺮﺸﺮﺸ ﺘﺮﺩﺮ ﺮﺮﺮ ﻮﺮﺮﺪﺮﺸ ﻫﺮﻮﻫﺴﻪﻮﮔﻮﺭ ﺩﺒﺮﻫﺩﺮﻮ ﻫﺼﮔﺮﺪ ﻮﻭﺒﻮﮔﻪﺮ ﺩﻩﻮﻮﮔﻮﻮ ﻫﺘﺮﻮﻫﻨﻮ. ﻫﺮﺸﺮ ﺮﺒﺮﺴﻪ ﻮﻮﺮﻮﮔﻪ ﻫﺴﻪﻭﺳﺪﻩ ﻮﺮﺮﺘﻮﺮﺮﺘﻮ ﻫﺮﺮﺘﻮﺭ ﺳﻪﺭﻮﺮﻫﻨﻮ ﻫﺮﺮﺘﻮﺭ ﻫﺼﮔﺮﺪ ﻮﻭﺒﻮﮔﻪﺮ ﺩﻩﻮﻮﮔﻮ

132	ތިލައްގަމް	ސ. ކުޅަދުވަކު	ހުކުރު ހިސާބުގެ	ހ. ދަނޑިއަށް ދާ ދަނޑުގެ ދަށުގައި ހުންނަ ދަނޑުގެ ދަށުގައި ހުންނަ ދަނޑުގެ ދަށުގައި ހުންނަ

136	ތިލާނ	ކ. ގެނެވަދޫ	ހަނގު ހިންގުމުގެ (ގޮތް ހިންގުން)	
137	ތިލާނ	ކ. ގެނެވަދޫ	ހަނގު ހިންގުމުގެ (ތަނާ ހިންގުން)	
138	ހިއްކާ	ކ. ގެނެވަދޫ	ގޯތި ގަދަ	ހިލަ ތަކުގެ ފެންނަ ބައި 04 ފޫޓް ފުޅާ (2.5*2.5) ބަލަންދެ ގޮތަށް ކަނޑާ ހަދާ ފަހު 01 ދުވަހު ވިނޭ ގޮތަށް ބަލަންދެ ގޮތަށް ބަހައްޓާ ފަހު. ހަނި ހިލަ ތަކުގެ ދަށުގައި ކުނި ފުރިގަނޑު ނެތްކަން ބަލާ ފަހު. ހިލަ ތަކުގެ ދަށުގައި ބަހައްޓާ ފަހު ހަނި ހިލަ ތަކުގެ ދަށުގައި ހުންނަ ބައި ފުރިގަނޑު ނެތްކަން ބަލާ ފަހު 100 ބަރުދަން ގަނޑުގައި ހިލަ ތަކުގެ ދަށުގައި ހުންނަ ބައި ފުރިގަނޑު ކުރާ ގޮތަށް "ގެނެވަދޫ ދަތުރުގައި ހިލަ ތަކުގެ ދަށުގައި ހުންނަ ބައި ފުރިގަނޑު ކުރުން" (ގެނެވަދޫގައި ބަދަލު ގެނެވުން) ހުށަހެޅުން.
139	ބަތަލަންދި	ކ. ދަނޑި	ފާރުގެ ތެރެއިން ފެންނަ ބައި	ފާރުގެ ތެރެއިން ފެންނަ ބައި ފުރިގަނޑު ކުރުމަށް ފާރުގެ ތެރެ ދުވާ ގޮތަށް ބަލަންދެ ގޮތަށް ބަހައްޓާ ފަހު. ފާރުގެ ތެރެ ދުވާ ގޮތަށް ބަލަންދެ ގޮތަށް ބަހައްޓާ ފަހު ފާރުގެ ދެ ފަރާތުގައި ހުންނަ ބައި ފުރިގަނޑު ކުރުމަށް ފާރުގެ ދެ ފަރާތުގައި ހުންނަ ބައި ފުރިގަނޑު ކުރާ ގޮތަށް ބަލަންދެ ގޮތަށް ބަހައްޓާ ފަހު. ފާރުގެ ދެ ފަރާތުގައި ހުންނަ ބައި ފުރިގަނޑު ކުރާ ގޮތަށް ބަލަންދެ ގޮތަށް ބަހައްޓާ ފަހު 223 ފޫޓް، ފިހާ 60 ފޫޓް، ފުޅާ 187 ފޫޓް ހަނި ފާރުގެ ދިގު 187 ފޫޓް. ފާރުގެ ދެ ފަރާތުގައި ހުންނަ ބައި ފުރިގަނޑު ކުރާ ގޮތަށް ބަލަންދެ ގޮތަށް ބަހައްޓާ ފަހު. ފާރުގެ ދެ ފަރާތުގައި ހުންނަ ބައި ފުރިގަނޑު ކުރާ ގޮތަށް ބަލަންދެ ގޮތަށް ބަހައްޓާ ފަހު 100 ބަރުދަން ގަނޑުގައި ހުންނަ ބައި ފުރިގަނޑު ކުރުން.

140	ތަކުރު	ކ. ގދ ގ	ފަރާތް ހިއްސާ ކުރާ ފަރާތް	ފަރާތް ހިއްސާ ކުރާ ފަރާތުގެ ތަފާތު ގެ ދާއިރާ ގެ ތެރެއިން ކ. ގދ ގ ގެ ދާއިރާ ގެ ތެރެ ގ ގ ގ

145	ކަތަރަމާދު	ކ. ދޫނިދޫ	ފިހާރަތައް ހިންގާ ފަރާތް	ތ. ދަނޑި ހުސްވެ ދިޔަ ދުވަހު ދެ ދަނޑި ހުއްދަ ދީ ދިޔަ ފަރާތްތަކުގެ ލިސްޓެއް ތައްޔާރު ކުރަން ފެށުނީ ކުރިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާއި، ދަނޑި ހުއްދަ ދިނުމުގެ ކަންކަން ކުރަން ފެށީ 25 ފެब्रުވަރީ 16 ގައި 6 ޔޫކޭ ގައެވެ. ދެ ލިސްޓުގެ ތެރެއިން ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ނަންތައް ހޯދައި، ލިސްޓު ތައްޔާރު ކުރެވުނީ ކުރިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ. ދެ ލިސްޓުގެ ތެރެއިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ. ދެ ލިސްޓުގެ ތެރެއިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ. ދެ ލިސްޓުގެ ތެރެއިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ.
146	ތိނ	ކ. ތިލުދޫ	ހަރުދަނާ ފަރާތްތަކުގެ ލިސްޓު ތައްޔާރު ކުރުން	ތ. ދަނޑި ހުއްދަ ދިނުމުގެ ކަންކަން ކުރަން ފެށުނީ ކުރިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ. ދެ ލިސްޓުގެ ތެރެއިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ.
147	ކަތަރަމާދު	ކ. ކެއޮދޫ	ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތް	ލިސްޓު ތައްޔާރު ކުރުމަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ. ދެ ލިސްޓުގެ ތެރެއިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ.
148	ކަތަރަމާދު	ކ. ފުރުދޫ	ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތް	ތ. ދަނޑި ހުއްދަ ދިނުމުގެ ކަންކަން ކުރަން ފެށުނީ ކުރިން ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެކޮޅަށް ދަނޑި ހުއްދަ ދީފައިވާ ފަރާތްތަކުގެ ލިސްޓު ބެލެހެއްޓުމަށް ދީފައިވާ ފަރާތުން ކަމަށާ ދެމެދު ދެ ގޮތަކަށް ދެ ލިސްޓު ހުށަހެޅުނު ކަމުގައި ވާތީ ކަމަށެވެ.

149	ﺑﻪﻣﺮﻣﻪﻣﺮ	ﺭ. ﻣﺴﺪﻭﺮ	ﺷﺮﺣﺸﺪﻱ ﻣﺪﻫﻮﺳﻪ	ﺣ ﻣﺮﺷﺪﻱ ﻣﺮﺣﺪﻣﺮﺷﺪﻫ ﺭﺷﺮﻫﺪﻭ. ﺣ ﻫﻮﺷﺪﻱ ﻭﻣﺮﺣﺪﻣﺮﺷﺪﻫ 160 ﷺ ﻣﺮﺣ ﻣﺪﻫﻮﺣﺪﻣﺮﺷﺪﻫ 8 ﷺ 8 ﻣﺴﻮﻫ ﺭﺷﺮﻫﺪﻭ. ﺣ ﻫﻮﺳﺮﻩ ﻣﻪﻮﻫﺮﻣﺮ ﻫﻮﺭﺷﺪﻭﺷﺮﻣﺮﺷ ﻭﻭﺮﻩﺮﻩﺮﻩ ﻫﻮﺷﺮﻫﺪﻭ. ﺣ ﻫﻮﺷ ﺮﻣﺮﻣﺮﻩﺮﻩ ﺭﺳﺮ ﻩﺮﻩﺮﻩ ﺮﻫﻮﺮﻫﺮﻫﺪﻫﺪﻫ ﻭﺣﺮﻩﺮﻣﺮﺷﺪﻭ.|
150	ﺣﺮﺭﺷﺮ ﻭﺮﺷﻭﺮﻩﺮﻩ ﻫﻮﺷﻮﺷﺪﻫ	ﺭ. ﺭﺷﺮﻫﻪﻭﺮﺷ (ﻫﺷﺮﻫﻪﻭﺮﺷ)	ﻫﺮﺮ ﻣﻪﻩﺮﻣﻪﻫ	ﺣﺮﺷ ﻫﻪﻫﻮﻣﺮﻫﻪﻫﺪﻫ ﺣ ﻣﺮﺷﺪﻩ ﻩﺮﺷ ﻩﻩﻫﻪﻫﻪﺷﺪﻫ. ﻭﻣﺮﺷ ﻩﺮﺷ ﺣﺮﺷﻪﻫﻪﻫﻪﻫ

157	ތިމާގަނޑު	ކ. ފޭދޫ	ބޮޑު ފިހާރަ (ކުއްލި ދަތުރުގެ ފިހާރަ)	ފަރާތުން ބަލައިގަނެ (ކުއްލި ދަތުރުގެ ފަރާތުން) ކަނޑުން ގެނެސްދޭ ދަތުރުގައި ދަތުރުވާ ފަރާތްތަކުގެ ގޮތ

159	ڇُرُسْ وَرُخُوِوَمِرَّ مَوْسَمَسْ	ش. ببَّرَسُ	ژُقْرِبِوَمِرُ ثَرِ دَرَّسَرَ رَمْ	ژُبْرَ حِسْوِمْ رَسِرْتَرَ هُيْتَرَمِ، حِ بِمَّسَمْوُرُ بَمِرِيَرَمِ وَسَرَتْ بِمِيَتْتْ رَقَرَمِوَمِرَّ ژُقْرِبِوَمِرُ، ثَرِ دَرَّسَرَمْ مِرَسْ رُمْهُمْ. حِرَّسْ حِ ثَرِ رَحْرُ هُيْتَرِمِتْ بِرِمْتْ رُسِ رَمْ وَسِرِ رَمْرِ 4 8/3 ڤُمْ، ڤُرَّحِمْرَمِ 1 ڤُمْ، ڤُرَّحِمْرَمِ 6 ڤُمْ. حِ رَحْرُ بِرِرُحِمْرَمِ ثَسْوِوَمْ. رَمْرِ 4 8/1 مِسْمِ هُمْرُمْهُمْ. حِ دَرَّسَرَمْ رَقَرَمِوَمِرَّ وَسِرِ حَسْرَحَسْ رِمَوَمِسْتْرُ. رَحْرُ عَّمْتْ، حِمِ رُمَسْ مِسْءِمَّ ڈُهْمَّرْحُ بَمْصَّمِسْ بَسِ عَحَّسْرَمِ صَّسَرَتْ ڤُسْرَّ مْرُتْسْ وَمْهَسَمْهُ رَحْرُ بَرَحَتْ حَرَّڤَسَمْهُ. رَحْرَمِ رِمْمَوَمِرَّ هِسْحِ، سَوَرَّقَمْ، مَّمَقَمْرْ بَسِ، هَمِ مْصَّسَمْهُ سَرَتْرُمْرُ. حِ دَرَّسَرَحْرَمِرَّ سَسَرَمَبِ رِهْسَرَمِتْ 885 وَسَ مَرَسَرْ هُحَّسَرِمْرَّحَسَ رَحْرُ 29 وَسَ قُرَوَسْ (5 سَوْهُمْحْوَسَ 1480ح.). حِرَحْرَمِ مَسَرَصِتْ رِمَوَمِرَّ مَوَسَمِيْ مِمْسَرَتْ، هَمْهُ بَسَرْتْ مْصَرْمْهُ.

160	ڇُرُسْ وَرُخُوِوَمِرَّ مَوْسَمَسْ	ش. سَرَسُوْمِحْ	مَمِيمِ بِمَّسَمْوُ، مْمْرَحْ بِمَّسَمْوُ، ڈُهْ وَرُ، بَمْ وَرُ، حَرَّوْ	1. مَمِيمِ بِمَّسَمْوُ بَرِيَرَوْ بَمِوَسَبْ مِمْمِسْ بِمَّ بَبْتَرَّ 2. بَرِيَرَوْ بَمِوَسَبْ مِمْمِسْ بِمَّبَتْرَوَمِرَّ 3. ڈُهْ وَرُ بِسَوْهْ مَمِ حِسَّسْ مْرَوَمِسْ 4. بَمْ وَرُ بَرِيَرَوْ وَرُهْ بَرْبَسْ حِسْوِمْوُ 5. حَرَّوْ حِمِ وَسَرَّوَسْ مُرِيَرَوْسْ مَّسَرَّ بَمِسْ هَّمَرَّ بَرِوَّ وِمَرَوَرُهْ بَرَحَسْ هُسَّ حِمَوَسْ بَمِسْ رَسْمَرَسِ هَّسْرَسْ حِرَوَرُ بِمَّبَتْرَوَمِ. 1 - 2 حِمُرِ بِمَّسَمَوِوُسْ مْهْمَّمِبِرُهْ مْمْرَمْ بَمْ وَرُ 11 وَسَرَوَسْرَسْ سْرَوَمَ 12 وَسَ وَسْرَسْرَ رُسِ مَسْمَوَسْرُ. مَمِ حِرُ بَمِسْرُوُسْ مْسْمْرُسْرَحِمِ بِمَّهْرُبِرُهْ. 3. ڈُهْ وَرُبِ سَرَسْرُ قُرَوَسْوَسْ بَتْرُوَمِرَّ وَرُهْمَسَ سَّوْ رُبِرْسِ وُسْرَمَبِ وَسْرَمَسْ ڤُمْ رُمِوُسْ. هَرُوَسِرُحْسْ قُرِسْ بَمِسْ بَتْرُ قُسْبَرَسْ حِرُسْ هَرَمْهَمِرُحْسْ وُحِ هُرِوَمَسْهَّ رُمِحِسْ رُسْ

161	ތަކުތަކުން	ކ. ތަނޭގޮވެ	ފުރަތަމަ ކަންތައްތަކުގައި ތަނޭގޮވެ ހުންނަ ފަރާތް	ފުރަތަމަ ކަންތައްތަކުގައި ކުރަންވާ ކަންކަމަށް ބަލާ ފަރާތް، ދެން

168	ޚާއްޞ	ކ. ތަނޑިއްޔާގެ	ފާސްކޮށް ޚާއްޞ	ކ. ތަނޑިއްޔާގެ ކައުންސިލްގެ 26 ދުވަ 2009 ވަނަ ތަރައްގީ ކުރެވުނު ދަނޑިއަށް ބަދަލުގައި ކުރިއަށް ގެންދާ ތަނޑި ތަރައްގީ ކުރުމުގެ ވެރިކަމުގައި ކުރިއަށް ގެންދާ ތަނޑި ތަރައްގީ ކުރުމުގެ ވެރިކަމުގައި ކ. ތަނޑިއްޔާގެ ކައުންސިލްގެ ދަށުން ކ. ތަނޑިއްޔާގެ ކައުންސިލްގެ ދަށުން 50 ތަނަވަސް ފަރާތްތަކަށް ފަސް ދުވަހުގެ ތަމްރީނު ދިނުމަށް ކ. ތަނޑިއްޔާގެ ކައުންސިލްގެ ދަށުން ކ. ތަނޑިއްޔާގެ ކައުންސިލްގެ ދަށުން ކ. ތަނޑިއްޔާގެ ކައުންސިލްގެ ދަށުން
169	ސަބަބުތެރި	ކ. ތަނޑިއްޔާގެ	ތަނޑިއްޔާގެ ސޮއްދުގެ ތެރޭގައި ކުރިއަށް ގެންދާ ކަންތައްތަކާ ގުޅޭ ކަންކަމުގައި ކ. ތަނޑިއްޔާގެ ކައުންސިލްގެ ދަށުގެ

173	ﷺ ﷺ ﷺ	ﷺ. ﷺ ﷺ	ﷺ ﷺ	(ﷺ ﷺ ﷺ ﷺ ﷺ) ﷺ ﷺ ﷺ '200×250' ﷺ ﷺ '10 ﷺ ﷺ. ﷺ ﷺ ﷺ ﷺ ﷺ. ﷺ ﷺ ﷺ ﷺ ﷺ

181	ﺑﻪﻧﺮﻧﻪﻣﺮ	ﻫ. ﻣﺮﻧﻤﻮﺷﻤﺮ	ﻧﺎﺷﻮﺭﻭ ﻭﻫﺪﻭﺳﺮ	ﺣﺮ ﻧﺮﻣﺮﻭ ﺩﻣﺮﻣﺮﻭﻣﺮ ﺭﻪﻧﺮﻧﻪﻣﺮﻭﻣﺮ ﺷﻪﻧﺮﻧﻪ

185	ދިވެހިރާއްޖެ	ބ. ކުޅަދުވަށް	ފަރާތްތަކުން ދަންނަވާ ގޮތަކީ، ދިވެހިރާއްޖެ ސަރުކާރުގެ ކުރިން ހުރި ވަޒީފާ ދެމެހެއްޓުމާ ގުޅިގެން

187	ﺑﻪﻧﺮﻧﺮﻩﺮ	ﻫ. ﻭﺭﺮﺮ	ﻭﺮﺮﺯﻩﺮﺮ ﺭﻩﺮﻫﺯﻭﺯﻫﺮ ﻫ	ﺮ ﻧﺮﺮﺭ ﺭﻫﻫﻩﺮﻫ ﺭﺮﺵﺮﻭﺯﺮﻫﻫ ﻫﻩﻭﺮﺮﺩﻫﺮ 100 ﻫﺮﻧﺮﺮﺮ ﺭﺭﺢ ﻫﻫﻩﺯﺩﻫﺮ ﻭﺮﺮﺯﻩﺮﺮ ﺭﻩﺮﻫﺯﻭﺯﻫﺮ ﻫﺮﺵﻫﻭ. ﺮﻫﺮ ﻫﻫﻭﺮﺮﺮ ﻫﻩﺮﺮﻫﻭﺯﻫﺮ ﻫﺮﺵﻫﻭ.
188	ﺑﻪﻧﺮﻧﺮﻩﺮ	ﻫ. ﻭﻫﻫﺮﺮ	ﺮﻫﺵﻫﻭﻫﻭ ﻫﺮﻫﺯﺮﻩ	ﻫﻫﺵﻫﻭﻫﻭ ﺮﻫﺵﻫﻭﻫﻭ ﻫﺮﻫﺯﺮﻩ 12 ﺭﺭﺢ ﻫﺮﺮ ﻭﺯﻫﺮﺮﺯﺮﻫ 15 ﺭﺭﺢ ﺮﻧﻫﻫﻭ. ﺮﻫﺮ ﻫﻫﺮ ﺯﻫﺯﻫﺮﺮﺯﺮﻫ ﺮﺮﺮﺮ ﻫﻫﻭﺮﺮ ﻫﺮﻧﻫﻫﻭ. ﺮﻫﺵﻫﻭﻫﻭ ﻫﻫﻭﻫﻭﺯﻫ ﻭﻫﻫﻫ ﻫﻫﻭﻫﻭ.
189	ﻫﻭﻫﻫ	ﻫ. ﻫﻫﺮﺮﺭ	ﻫﻫﺮﺮﺭ ﻫﻫﺯ ﺮﻫﺵﻫﻭ ﻭﺯﻫﻫ ﺯﻫﺭ	
190	ﻫﻫﺮ	ﻫ. ﻫﻫﺮﺮﺭ	ﻫﻭﻫﻫﺮﺮﺯﻫﺮﺮ ﺮﻫﺵﻫﻭﻫﻭ ﺯﺯﻫﺯﻫﻫ	ﺮ ﻧﺮﺮﺯﻫﺮ ﻫﻭﻫﻫﺮﺮﺯﻫﺮﺮ ﺮﻫﺵﻫﻭﻫﻭ ﺯﺯﻫﺯﻫﻫ ﻫﻫﻫﺯﻫﻫﻫﻭ. ﻫﻫﺮ ﺮ ﺯﺯﻫﺯﻫﺮ ﺯﻫﺯ ﺯﺯﻫﻫﻫﻫﻭﺯ ﺯﻫﺯﻫﻫﻫﻭ ﺮﻫﺵﻫﻭﻫﻭ ﻫﻫﻫﺯﻫﻫﻫﻭ. ﺮ ﺯﺯﻫﻫﻫﻫﻭﺯ ﻫﻫﻫﻫﻫﻫﻫﻭ ﻫﻫﻫﻫﻫﻫﻫﻭ ﻫﻫﻫﻫﻫﻫﻫﻭ

191	ދާއިރާ	ވ. ފ ؤ ؤ ؤ	ތ ؤ ؤ ؤ

196	ގަސްގަނޑަރ	۵. ފުރަތަމަ	ތަކުރާރުކުރާ ނަންބަރު/ ފަސްވަނ ކާރ	500 ތަކުން ފަހުން ކަނޑައެޅި.
197	ބަތަލަމާދ	ހ. ހުވަދޫ	ފަސްވަނ ކަނޑައެޅުމުގެ ތަފާތު ތަކެތި	ދ ތަކަށ ވާނަސ ވިދާލައިގެ ފަހ ކަނޑައެޅ ހަ ދުވަހ ކ ތ ދ ތ ކ ކ ދ ކ ދ ކ ދ

200	ﻪﺳﺮ	ﺡ. ﺗﺒﺮﺷﺮﺗ (ﺡﺮﺗﺒﺮﺷﺮﺗ)	ﺭﻩﺷﻮﻱﺪﻗﺮﺗﺪ ﻱﻪﮔﺮﻫﻮ	ﺣ ﻫﺮﺗﺮﺩﻫ ﻩﮔﺸﻮﻫ ﻫﻮﺷﻮﻫﺮ ﺗﻪﺣﺮﺗ ﻕﺮﺭﺩﺒﺮﺗﺮﺗ ﻫﻪﻫ ﻫﺮﺒﺮﺷ ﻫﻮﺷﻮﻫﺮ ﻭﺴﻪ ﻫﻪﺩﺮﻫﺸﻭ. ﺣ ﺵﻪﺩﺮﺷﺮﺗ ﻱﻪﮔﺮﻫﻮ ﻕﺮﺭﺩﺒﺮﺗﺮﻭﻫﻭ. ﺣ ﻫﻮﺳﺮﻩ ﮒﺮﺣ ﺡﺮﺷﻱﻪﮔﺮﻫﻮ ﺗﺒﺮﺩﻩ ﺭﺒﺮ ﺭﻩﺷ ﻫﻮﺷﻮﻱﺪﻗﺮﺗﺪ ﺩﺩﺡﺮﺩﺡﺮﺩ ﺳﺮﺴﻪﻫﻪﻫﻮﮒ ﻫﺮﻫﻪﻫﻮﺭ ﻫﺮﺡﺮﺩﻱﺪ ﺗﺮﺩﻪﻫ ﺳﺮﻱﺪﻫﻪﺡ ﻫﻮﺷﻮﻱﺪﻗﺮﺗﺪ ﻫﻮﺳﻪﻫﻪﺡﺮﺩﻱﺪﻗﺮﺗﺪ ﺗﻪﺣﺮﺗ ﻫﺸﺮﺡﻮ. ﺭﻩﺷﻮﻱﺪﻗﺮﺗﺪ ﺗﻪﺣﺮﺗ ﺡﺮﺩﻱﺪﻗﺮﺗﺪ ﻫﻪﺩﺮﻫﺸﻭ ﺡﺮﺩﻱﺪﻗﺮﺗﺪ ﻫﻪﺩﺮﻫﺸﻭ ﻫﻪﺩﺮﻫﺸﻭ ﻫﻪﺩﺮﻫﺸﻭ

203	ﺑﻪﻧﺮﻧﺮﻩﺮ	ﻍ. ﮒ ﻭﮊﮒﻭﺑﺮ	ﺩﺑﻪﺑﻮﻫﻮﻧ ﻫﻨﮒﺮﻭﺳﺮﻩ	ﻭﮊﮒﺮﮒﻭﮊﻭﺭﻩﮒ ﺩﺑﻪﺑﻮﻫﻮﻧ ﻫﻨﮒﺮﻭﺳﺮﻩ ﺗﻮﻫﻮﺗﻪﻮﻫﮒﺮﻩ ﺩﺭ ﻧﻨﺮﻧﺮﺵ ﻭﺳﺮﻭﺭﻫﻮﻫﻮ. ﺩﻩﮒﺳﻮ ﻣﺮﻭﺩﺳﺮﻭﻫ 21 ﷲﷲ، ﻭﮊﮒﺩﺳﺮﻭﻫ 11 ﷲﷲ 6 ﻫﺮﺵﻛﻭ ﺭﻮﻧﻫﻮ. ﺩ ﻫﻮﺵ ﻣﺮﺵﺮﻧﺮ ﻧﻨﺮﻧﻮ ﮒﻮﻭﺳﺮﻪﻧﺮﺵ ﺭﺮﺳﻪﻮﻫﻮﻧﻫﻮ. ﺩ ﻫﻮﻧﺮﺭ ﺩ ﻧﻨﺮﻧﻮ ﺗﻮﻫﺮﻭ ﺭﻮﺗﻮﻫ ﺩﺑﻪﺑﻮﻫﻮﺭ ﻫﻮﻩﮒﺮﻭ ﺗﻮﻫﻮﺗﻪﻮﻫﮒﺮﻩ ﻧﻮﺩﻮﻫ ﻫﻮﻧﺮﻭﻫﻮﻫﻮﻫﻮﻫﻮ. ﺩﻩﺑﻮﻫﻮﻧ ﺭﻨﺮﻫﺮﻫ ﮒﻮﻧﻮ ﻫﻨﻮﻫﻮﻫﻮﻫﻮﻫﻮ ﺩﺑﻨﻫﻮﻫﻮﻫﻮﻫﻮ ﻫﻮ

206	ދިފާނުމަ	ކ. ގއ	ފުރިހަމަޖެހިގެންދާ ފިހާރަ	ފުރިހަމަޖެހިގެންދާ ފިހާރަ ކަމުގައި ވާތީ، ފާރު ދެކޮޅު ފިހާރަކަށް ވަނުމުގެ ސަބަބުން ފާރުގެ ކައިރީ ހުންނަ ކުރީގެ ފިހާރަ ތަކަށް ވިޔަފާރި ކުރެވޭ ގޮތް ދައްކާ ގޮތަށް ވަނީ ކަމަށް ވާހަކަ ދައްކަ ކަށ. ތ ފިހާރަ ތަކުގެ ކުލައިގެ ގޮތުގައި ކ. ގއ ދިފާނުމަ ފިހާރަ ތަކުގެ ކުލަ ހުންނަ ގޮތަށް ބަދަލުކުރަން ޖެހޭ ކަމަށް ވާހަކަ ދައްކަ ކަށ. ތ ފިހާރަ ތަކުގެ ކުލަ

208	ڇُرُسْ وَنْڤُرِوَرَمِوَّ مَوْسْمَوَسْ	١٠ ڈَمَرَمِڤْ	بُرُسَمِسْ ڳُڈْجَرَڤْبَرِ بِرِڤُرُڳُسْرُ يِڇَّمَرَمْ	مَدْمُسْوْڤَّمْسْ بُرُسَمِسْ ڳُڈْجَرَڤْبَرِ بِرِڤُرُڳُسْرْ (1609ح٠ مِسْ 1620ح٠ مَسْ) مَوَرَّمَرَوْ وَرُسْوَّمْرْسْرُڤُرِوَرَمِوَسِرْ ڈَمَرَمِڤْرُ بْمِرِ رُبْمْبْرْ حِسُّمِوْمْ (وَحُڤْحِسُّمِوْمْ) بْمِرِحَوِيَمِ رُمِرِ وِسُّوَّمْرْسْرُڈَمُوْ٠ ڈَمَرَمِڤْمَرِ ىَڳَّڳُسْرْوُسُّ ڤْرْوَمْرُڤْوَمْرُسْمِسْ وَيَمِرِيُسْ رُسْرْسُرِ مَرْبُرْبُوْ٠ مِرْبَحَّمْرْڈَمِ حِ مَرَمَرِ قْرِسْوْحِرْسْرْ بَرَحَّڳُرِسْرْ وَمَرَ سْرَمَرْمَرْمَوَمْ ڤِرَّڳُوْحْرْسْ، مَرْمَرْمَوْمِرَمْرْ رُمْمْڤَرْوْحَرْ مَرَسُّمَرَسُّمَرْسْ وَيَمِرِيُسْ مْرُمْمِوِ مَرْبُرْبُوْ٠

209	ވިލާނ	ކ. ގދ	ފަރުދަށް ތަކެއް ހިންގާ ހިސާބު	ފަރުދަށް ތަކެއް ހިންގާ ހިސާބުގެ ތެރެއިން ކަނޑައަޅާ ދަށުގެ ކަންކަން ކުރުމަށް ދަށުގެ ކަންކަން ކުރުމަށް ކަނޑައަޅާ ކަމަށް ވާ ފަރާތްތަކުގެ ލިސްޓު ތަކެއް ހަދާ ކަމަށާ، ދަށުގެ ކަންކަން ކުރުމަށް ކަނޑައަޅ

210	ދިވެހިންނާ	ހ. ފުނަ	ދިވެހި ލިޔުންތަ	ލ ލިޔުންތަކުން ފަސޭހަ ލިޔުމަކަށް ގަޑިގަނޑު ހިނގާ ހިސާބުގައި ލިޔުންތަ ލިޔެ ލިޔުންތަ ލިޔުންތަ ލިޔުންތަ

211	ތިލާދުންމަ	ކ. ގދ	ހުކުރު ގެ ފިހާރަ (ސިފައިހާ)

ފިހާރަ ހުޅުވާ ދުވަހާ ގުޅިގެން، ކުރިން ހުރި ފަރާތުން، ކުރިން ހުރި ގޮތަށް، ހިލޭ ހިންގުމަށް، ކުރިން ހުރި ގޮތަށް ކަންތައް ކުރުމަށް، ކުރިން ހުރި ގޮތަށް ކަންތައް ކުރުމަށް ދެ ފަރާތުގެ ދެމެދު ވަނަ ދުވަހު ކުރެވުނު ގުޅުން. ދެ ފަރާތުގެ ދެމެދު ކުރެވުނު ގުޅުން ބަލަހައްޓަން ދެ ފަރާތުގެ ދެމެދ

212	ތިލާދަންދޫ	ހ. ދާއި	ކަނޑުވަތަ ފިހާރަ	ފ ފިހާރަ ތިބޭ ހިނގާ ދަނޑިފުޅާއި ކައިރިކޮށް ތަކެއްޗާ ގުޅިގެން ކަނޑުވަތަ ފިހާރަ ހުންނަ ތަނަކީ ތިލާދަންދޫ ދަނޑިފުޅާ ދެކޮޅުގައި ހުންނަ ތަނެވެ. ތިލާ ދަންދޫ ދަނޑިފުޅާ ދެކޮޅުގައި ހުންނަ ތަނަކީ 1978 ވަނަ ސަނަވަރުގެ ކުރިންވެސް 1 ދަނޑިފަހަރު 1978 ވަނަ ސަނަވަރުގެ ކުރިންވެސް ފަށާފައި ހުންނަ ތަނެއް ކަމަށް ބުނެވެ. ކ ފިހާރަ ތިބޭ ތަނަކީ ދަނޑިފުޅާ ދެކޮޅުގައި ހުންނަ ތަނެއް ކަމަށާއި، ސަނަވަރު 22 ވަނަ ދުވަހުގައި ކ ފިހާރަ ތިބޭ ތަނަކީ ދަނޑިފުޅާ ދެކޮޅުގައި ހުންނަ ތަނެއް ކަމަށާއި، ސަނަވަރު 1979 ވަނަ ދުވަހު

213	ڇُرُسْ وَعْظِوِ وَمِحَّ مَوْسْمَوَسْ	١٠ ڴَخْ	ھِرْكْيْحْ حِـسْـبِوْصْ، ھْڈْ مَوْنْبْرَّسْ بِڴَسَوْصْ مَحِ دَرَّسَرَمَوْ	حِ حِـسْـبِوْصْ رُسْرَسِ بَرَسْقَرْھَمِحَرَّمِ سِرْكْوَبْرَحَرَّمِ ءُبُرْسْ مِبْقَبْرَبْسْ بَرَسْحَمِوَبُرَهْبُوْ. مَمْهْـسْـھْوَّھْسْھْڴَّمِ ذْبَرَهْحَقْ مَوْنْبْرَّسْرْ مَمْبَوَّسْ (مْھِوْذْ مَوْڴَّمِ ذْبَرَهْحَقْ ھْڈْمَوْنْبْرَّسْ) ڴَّمِ مْ بَرَقْرْسْءُ بْھْنْبْوْبُ، مَوْڴَّمِ بَرَسْمْ بَرَسْرَھَسْبِّمِ بِوْبُءُرَّسَّمِ حِ قْ ھْڤْوُبُسْرُءُ دَرَّسَرَوْبُ وَسِرْ حِ حِـسْـبِوْصْوَمِ رُسِمِ بِڴَّبَرَھْوَبُهْبُوْ. حِ حِـسْـبِوْصْ ھِسَّبْبَرَھْوَمِوَمِرَوَسِرْ ھِرْكْيْحْ ڤَّبَرَسَّبَرْحْ مْهْبُوْ. حِ حِـسْـبِوْصَّ ھْبَّ مْسْرْءُ ذْسْـبْبُوِ بِرْمْرْشْ ھَرْھْبَّءْھْوَبُمِ، 993ر. (1585ح.) وَمِ مَمْهْـسْـھْوَّھْسْھْڴَّمِ ذْبَرَهْحَقْ ھْڈْمَوْنْبْرَّسْ سِـبِرْسَـوَّڤِرْھْمَوَ دَرَّسَبَرَقْرْسْ مَوَرَّسَبَرَھْ وَسْـھَّسْرْبُوْھْرْمِبْ حِ حِـسْـبِوْصْ رُبْبُوْبُ. مَوَمِ مْمِبْ مْ حِـسْـبِوْصَبْرْ ھِرْكْيْحْ ڤَّبَرَسَّبَرْحْ حِـسْـبِوْصْ حِ سَرْسْ بِوَبَرِ مْبُسْبَرَسْ ۇْسْ مْسَبُوْبُ. حِمَبْرَوَبْ مَمْهْـسْـھْوَّھْسْھْڴَّمِ بَرَسْمْ بِمْمْبْڤِرْسْ (1759ح. مِسْ 1767ح. مَبْسْ)، ڤِرْسْھْسَبْءُڤَبَرَمِبْرْءُ بَرَسْـوَبَرْدَوَبَرِ، حِ حِـسْـوَبِوْ حَڤَّڴَّھْوَبُبَبْھْوِوْبُوْ. حِمَبْرَوَبْ مَمْهْـسْـھْوَّھْسْھْڴَّمِ ذْبَرَهْحَقْ سْھَڈْـسْـھْمِڤِرْسْ مِـسْـوَبَسْھْقَبْرَبْرُءُ 17 وَسَ مَبَرَبْرُءُ (1338ر.) ذْبَرَهْبَرَڈْ حَبْ حِـسْـبِوْصْ مَوْڤْسْ ڤَّبَرْسْھْوَمِ، حِـبَّبْ رُسِمِ ڎْھَبْسْ سِرْسْڈْوِبُوْ. حِڤَّڤِمِ ڎْھْسْ حِـبِمِ 1919 وَسَ مَبَرَبْرُءُ ھْبْھْھَبْمِ حَبْبُوْ. حِ ھِڤَّبَرَھْرُءُ ھْبْبَرَھْمِ رَھَبْمِ حَبَّسَ ھْھَبْرْھْھْوْ. حَبَّسَرَبَرْھَوَبْرَھْمِ ھْبْھْوْـسْـ ھْبْھْوْھْ ۄِڤْوِوَبْبْھْ سْھْوْ. سَرَحَبْوْـسْـ ھِڤَّبَرَھْرُءُ ھْڈْمَوَ رَبْرْبْسْوَبْڤِرْ ڴْبْبْبْسْ ھْسَبِّ ڎْھْرُءُ، ھْ ھِڤَّبَرَھْرُءُمِ مَمْهْـسْـھْوَّھْسْھْڴَّمِ ذْبَرَهْحَقْ مَوْنْبْرَّسْرُءُ دَرَّسَرَوْبُڤِرْ بَرَسْمْ مَوْنْبْرَّسْرُءُ دَرَّسَرَوْبُبُوْ. ھِرْكْيْحْ حِـسْـبِوْصْ رُبُسْرُءُ وَبَّھْ ڤَرْسْبُرِسْ وَسْسَرَمِبْ، ڤَبْبْسْ ڤِبُرُءُسْ رُسِمِ وِمِبُسْ دَرَّسَرَمَبِ ڤَرْوَوَبْمْ ڤَرْسْءُبُرُءُ دَرَّسَ بَرَحَسْ ھْسْوَّ دَرَّسَرَمَبُوْ. حِ دَرَّسَرَمِبُ وَحُرُءُمِ وِمِرْحُبْھْ سْھْوُبُوْ.

214	ދިވެހިންނާ	ކ. ފުލް	ތުނބުރީ	ތުނބުރީ ކައުންސިލްގެ ކައުންސިލަރުންގެ ތެރެއިން ކައުންސިލްގެ ވާހަކަ ދެކެވުމަށް ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ 119 ވަނަ ބައްދަލުގައި. ކައުންސިލްގެ ކޮމިޓީތަކުގެ ތަރުތީބުގެ ދަށުން ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތައް ބާއްވަނީ.ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ 15 ސެޕްޓެމްބަރ 1289ވ. (17 ދިވެހިންނާ 1872) ގައި. ތާރީޚުގެ ތެރެއިން ކައުންސިލަރ ތާހިރު ހަސަންގެ ކައުންސިލަރ ކަމުގައި ކައުންސިލްގެ 19 ވަނަ ފަރާތުގެ ދައުރުވެރިކަމަށް. ތުނބުރީ ކައުންސިލްގެ ތަރުތީބުގެ ދަށުން ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި.

ތުނބުރީ ކައުންސިލްގެ ކައުންސިލަރުންގެ ތެރެއިން ކައުންސިލްގެ ވާހަކަ ދެކެވުމަށް ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ 119 ވަނަ ބައްދަލުގައި. ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ތަރުތީބުގެ ދަށުން ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތައް ބާއްވަނީ.ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ 15 ސެޕްޓެމްބަރ 1289ވ. (17 ދިވެހިންނާ 1872) ގައި. ތާރީޚުގެ ތެރެއިން ކައުންސިލަރ ތާހިރު ހަސަންގެ ކައުންސިލަރ ކަމުގައި ކައުންސިލްގެ 19 ވަނަ ފަރާތުގެ ދައުރުވެރިކަމަށް. ތުނބުރީ ކައުންސިލްގެ ތަރުތީބުގެ ދަށުން ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި ކައުންސިލަރ ހުސެއިން ރަފީޤް ކައުންސިލްގެ ކޮމިޓީ ތަކުގެ ބައްދަލުތަކުގައި.

215	ᏂᏥᎶ	ᥙ. ᏣᏄᏂ	ᦡᦷᦎᦸᦓᦷᦎᦵᦶᦟᦷᦎᦸᦵᦶᦟᦷᦎᦸᦵᦶᦟᦷᦎᦸ

217	ވިލާނ	۱. ފުރ	ފުރ ހުކުރު ހިނ ދންނާ، 7 ދިވެހި ތާރީ ގެއްލުންތައް	ފުރ ހުކުރު ހިނދު ކުރިން ދެ ރަކުޢަތް ކިޔާ ފަހު، ހަ ހާސް ތިންސަތޭ ތިންވަނަ (1153ވ) ހަނގު ތާރީޚުގައި ދިވެހި ދައުލަތުގެ ދަށުގައި ހުންނަ ކަނޑުއަޅާ ދާ ދަނޑުތަކާ ގުޅިގެން ހުންނަ ކަނޑުތަކާ ދިގު ކަނޑުތަކާ ގުޅިގެން ހުންނަ ކަނޑުތަކާ ދެކުނުގެ

218	ތިމާގަމު	ހ. ދާނާ	ދާނާ ހުކުރު ހިސާބުގެ ދުންމަތީ:	ދާނާ ހުކުރު ހިސާބުގެ ދުންމަތީ: 1675 ވަނަ ތާރީޚުގައި ދުންމަތީ ގައުމީ ލައިބްރަރީ ތަނުގައި ދުންމަތީ ގައުމީ ލައިބްރަރީ، ދަތުރުގައި ހުންނަ ކުދިންނަށް ކިޔަވައިދިނުމަށް ތިމާގަމު ދާނާ ހުކުރު ހިސާބު 1085 (1675ވ.) ވަނަ ތާރީޚުގެ 1324ހ. (1906ވ.-1907ވ.) ވަނަ ތާރީޚު ތަރުތީބުކުރެވުނު ދާނާ ހުކުރު ހިސާބުގެ ތެރެއިން ދުންމަތީ ގައުމީ ލައިބްރަރީ ތަނަށް ގެނެސްދީފައިވާ ދާނާ ހުކުރު ހިސާބުގެ ތެރެއިން ދުންމަތީ ގައުމީ ލައިބްރަރީ ތަނުގައި ހުންނަ

219	ތިފާނުގެ	ކ. ފުނަ	ގެންދާ (ތިލަގަ ފަރާތުގައި)	ފިލަ ތަކެތި ތައްޔާ ކުރުމަށް ބޭނުންކުރާ ގަސް ވައްގަ (ކަނޑަ) ތިފާނުގެ ދަށުގައި ހުންނަ ގަސް ތަކެއް. ހަނދާން ކުރަންވާ ކަމަކީ ތިފާނުގެ ދަށުގައި ހުންނަ ގަސް ތަކުގެ ތެރެއިން ކާނާ ގަސް ތަކެއް ނެތް ކަމަށް ދެކެ ގަސް ތަކެއް ކާ ދަނޑުވެރިން ވަރަށް ގިނަ ފަހަރު ދަނޑުވެރިން ދަނޑުގައި ގަސް ތަކެއް ނެތް ކަމަށް ދެކެ ގަސް ތަކެއް ކާ ދަނޑުވެރިން ވަރަށް ގިނަ ފަހަރު

220	ڇڑنشہ ۋىئۇخۇچۇنەڭ ھۆشھەشہ	١. ڤىسكەتتە	ۇمبۇچ ئېڭچھەئىرىگۈشتۇ ھىسۆھەبرىۋئ ۋىئۇخۇچۇنەڭ دىگىسە	حِ ىَرْتْرَىَرِ دْرِسْتْدْ دَرَّسَرَهْ ْرْىَرْهْوْ. ڤُكْعْدِيْعْشْتَّرِ ۇمبۇچ ھِشْھْرِسْ رَسْرْىَّدَرْىَرْهْوِمِرْ سْھَرِقْرْىَرْهْوْشْ ئِچِھَوْىَرْىَّوْشْتْرْ ھِسْۆھَبرِۋئ ۋىئۇخۇچۇنَەرِھَوَسِرِ حِ ىَرْتْرَىَرْهْوْ. ئِچِھَوْىَرْىَّوْشْ سْھَرِقْرْىَرْهْتْرِ ھَوَىَرْهْقْرَىَرْهْوْ. ھْتْىْ ڤَرْنْشْ ھْ ھَوْىَرْىَّوْشْتْرْ ھِسْۆھَبرِۋئ ھْىرِىْتْرْھَرِھْىْشْ ڭْىُرْھَرْشْ ْىْسْرَرِھْوْ. ئِرِۋْرِسْتْرْ ھَەرْىْ حِ ھِسْۆھَبرِۋئ سِۆْھِرِڭْھْىَرِ سْرَىَرِھْىْشْ ْىْسْتْىْسْۆ ڤُسْرْقْرَىَرِ ۋىئۇخۇچۇ ىَرَحَرْ ھْشْوِۋَرِھِۋْھْوْ. حِ حَرَّسْرَڤُخْرَىَرِ ْرْىِ ىَۋْ ىْۋْھْسْۆچ ھِۆْڭِرِڭْ ھِسْۆىَرْسْرَرِمْ (ھْۆْھْوَسْ) ھْىْۋْ. حَرَّسْرَڤُخْرَىْ ڤْرْتْخْرَىَرِ ىَۋْھْىَرَھِرَىَرِ ھْھَرْۆْھْىْۋْ. ھْۆْھْ ىَحْرَىَرِ ِۋْڤْرَىَرِھِرَىَرِ ھَىَرَھِۆْھَرْىْرْشْرْىْۋْ. ھَشْۆْھْ ىَحْرَىَرِھِرَىَرِ ِۋْڤْرَىَرِھِرَىَرِ ھَىَرَھِۆْھَرْىْرْشْرْىْۋْ. ھَىَرَھِۆْھَرْىْرْشْ ِۋْڤْرَىَرِھِرَىَرِ ىَحْرَىَرِھِرَىَرِ

224	ތިމާގަމު	١٠ ދިވެހިރާއްޖެ	ފަސްގަނޑުގެ ދަށުގެ/ ކައިރި ހުންނަ ފަރާތް/ ބަދަލުވެ ހުންނަ ފަރާތް	ފަސްގަނޑުގެ / ތިން "31·5 ފުކައްޗާ "26·3' ހުޅަނގު "31·5" ހުޅަނގު "26·3"/ ވިލާ ހުވަ، ދަކުއެ، ހިދުވަށް. ތިމާގަމުގެ ކައްކަވާގެ ކަނަށް ފުށަހެޅި 1335 ދިގުކޮ ގަހުގެ. ފަސްގަނޑުގެ / ތިން "31·5 ފުކައްޗާ "26·3' ހުޅަނގު "31·5" ހުޅަނގު "26·3"/ ހިދުގަނޑުގައި ހުވަ. 104 ތަނަށ ބޮޑު ކައްކަވާކޮ ދިގުކަމުގެ 1335ގަމ
225	ތިމާގަމު	١٠ ފެލަށ	ކައްކަ ފަސްގަނޑު	
226	ތިމާގަމު	١٠ ފެލަށ	ތަށްފާނުގެ ކައެފަސްގަނޑު	ފަ ފަސްގަނޑުގެ ބޮޑު ކައްކަވަށް ދިގުކަމުގެ 1296. ފަސްގަނޑުގެ ބޮލުގެ 183·75 ތަކެއްޗާ. ތަނަ ކަށ ފުށްލަމަ ތިމާގަމުގެ ކައްކަ ތަނަށ ފުށަހެޅި ތަނަށ ފުށަހެޅި "20'09×"25'06×"25'02/ "21'0 ހުވަ، ދަނޑު، ހަކުއެ، ދަށ. 1295ރ. ފަސްގަނޑުގެ ތަށްތަކުގައި ހުޅަނގު ފެންނަ "25·2 ފޫޓް، ތަށްތާ ފެންނަ "25·2 ފޫޓް، ތިމާގަމުގެ ފެންނަ "20·9 ފޫޓް ތަނަ ކައްކަ ފެންނަ "21·0ފޫޓް، ބޮލަ 530·822 ތަކެއްޗާ. ތިމާގަމު ކައްކަ ބޮލަށ ދިގުކަމުގެ ތަށްތަކުގައި ކައްކަ، ހުވަ، ހަކުއެ، ހަކުއެ. ތިމާގަމު ކައްކަ ތިމާގަމުގެ ތަށްތަކުގައި ކަނަށ ފުށަހެޅި 1296ރ.
227	ތިމާގަމު	١٠ ފުވާދ	ފަސްގަނޑު	
228	ތިމާގަމު	١٠ ކުޑަދޮ	ބަލި ކައްކަ ފަސްގަނޑު	

229	ﺑﻪﻧﺮﻧﻪﻣﺮ	١٠ ﷲﺮﻣﺮ	ﻧﻪﻣﺮﺮﺷﺮ ﻫﺮﮔﺮﺳﺪ	ﺭ ﻧﺮﻧﺮﻩ ﮔﻪﻗﺮﻩ ﻧﻪﺷﻪﻫﺮﻩﺮﻧﻪﺮ ﻫﻪﮔﺮﻩﺮ ﻭﺮﻧﺮﺮ ﺩﻩﻣﺴﻪﺮﺭ ﻧﺮﻧﻪﻧﻪﻭ. ﻧﺮﻧﺪ ﻫﺮﻭﺮﺮ ﻩﻪﻣ ﺭﺴﻪﻣﺮ ﮔﻪﻣﺮﺮﺳﺪ 1300 ﻣﻣﻪ ﻣﺮﻧﺮﻩﺮ ﻧﻪﻧﺮﺮﺷﺮﺳ ﻫﺮﮔﺮﺳﺪ ﻳﻪﮔ ﻫﺮﺷﻪ ﻩﻣﻪﻩﻭ. ﺭ ﻫﺮﺷ ﺴﻪﺮﺷﻪﻭﺮﻩ ﻣﻣﺮﺷ ﻣﻣﺮﺷ ﻫﻪﻭﺮﺭ 1996ﺩ. ﺮﺷ ﻭﺮﺮﺪﺷ 1998ﺩ. ﮔ ﺮﺩﻫﺮﻧﻪﻭ. ﺩﺮﺴﻪﻩﺮﻧﻪﻩﻭ، ﺷﻧﺮﻫﺪﺪ ﻩﻣﺴﻪﻭ ﻩﺮﺳﻭﻫﺮﺴﻪﻭﻣﺪ ﻩﻣﺮﻭﻭﺪ ﻩﺪﺮﻭ ﺭﻪﻧﻪﻭﺴﻪﺮ ﻳﻪﮔ ﻩﻣﻪﻧﻪﻣﻪﻣﻪﻭﻭ ﻫﻪﻣﻪﻧﻪﻣﻪﻣﻪﻭﻭ. ﺭﻩﻭﺮﻫﻪﻣﻪ ﻫﻪﻣﺮﻧﺮﺮ ﻧﺮﻩﺮﻫﻪﻣﻪﻣﻪﻭﻭ ﻫﻪﻣﻪﻧﻪﻣﻪﻣﻪﻭﻭ. ﺭ ﻫﺮﺷ ﺭﺮﻫﻪﻣﻪﻣﻪﻭﻭ ﻩﺮﺳﻭﻫﻪﻣﻪﻣﻪﻭﻭ ﻫﻪﻣﻪﻧﻪﻣﻪﻣﻪﻭﻭ ﻫﻪﻣﺮﻭﻭﺪ ﻩﻣﻪﻧﻪﻣﻪﻣﻪﻭﻭ ﻫﻪ

231	ﺳﻪﻣﺮﻣﺮﻫﺮ	١٠ ﺩﺭﺭ	ﺳﺮﻣﺮﺳﻪ	ﺭﺭﻩ ﺭﺳﺮ ﻫﺮﻣﺮﻫﻪﻣﺮﻫ ﻭﺭﻭﺭﻩﺭﻩﺭﻩﺭ ﺭﺭﻩ ﺭﺭﻩ ﺭﺭﻩ

236	ﺳﻪﻣﺮﻣﺎﻫﺮ	ﻫﻫ. ﺗﺮﻣﺮﻛﻪ	ﻫﺴﻮﻣﺮﻫﻪ	ﻫﮕﻢ ﻣﻤﺎﻫ ﺗﺮﻛﺮﻣ ﮔﻤﺮﻣﻮﻫﮕﻮ ﻫﺴﻮﻣﺮﻫﻪ ﻣﺮﻣﺮ ﺩﮊﻫﺎﻫﺮ ﺭﻪﻮﻫﻪﻣﻪ ﻫﻪﻣﺮﻫﻪﻩ. ﺣﻪ 14 ﷺ 14 ﷺ ﻣﺮﻫﻪﺮ ﺭﻪﺭ ﻣﻪﻣﻢﻫﻪﺮﻫﺮ ﻫﺴﻮﻣﺮﻫﻪ 27 ﻫﻪﻢﻣﺮﻫﻮ 1987 ﻣﻪﻫ ﺣﺮﻮﺭﻪﻣﻪﺮ ﻮﻪﺭﻪﺮ ﺯﺮﺩﻣﻪﻮﻫﺮﻮ ﺗﻪﻫﺪﻮ ﻣﻪﻣﺮﻫﻮﻫﻮﻮ ﺣﻪﻣﻪﺮﻫﻮﻫﻮﻮ ﺣﻪ ﻣﻪﻣﺮﻫ ﺣﺮﻮﻮﻫﻮﻫﻮﻮ. ﺣﻪ ﻣﻪﻣﺮﻫ ﻣﺮﻮﻮﻫ ﷺ ﻫﻪﻫ ﻮﻫﻮﻫﻮﻮ. ﺣﻪ ﻣﻪﻣﺮﻫﻪﻫﻪﻫﻪﺮ ﻫﻪﻮﻫﻪﻫﻪﻫﻪ

238	ގަސްގަރުދަރ	ހ.ތ. ދިވެހިރާއްޖެ	ދިވެހިރާއްޖެ ޤައުމީ ސަރަކާސް/ ސަރަ ގަސް	ގަސް ގަދަ ގަނޑެއް ގަސް 26.51 ބިދޭ 48.77 ފ.ގަ، 434 ގަނަށް ވަގުތީ ގަނެވެ. ދިގަނޑު ގުޅުގަ 434 ގަނަށެވެ. ދިގަނު ގަތުގެ ގުޅުން ތަކެތި ގެންދިއުމުގެ ކުރިން ގަސް ގަނަ ގަނޑު ދިގަ ގަނަ ގަނޑުގެ

240	ތިފާނ	ތ. ގެންދޫ	ދާއިރާ ހިންގުމާ/ކައުންސިލް	ދ ތަކުދަށ ތަނ ތަކެއ ތިއ ތަނ (ތެދުވަނ) ހިސާބުތަކ ތެ ތަނ ތަކ ތަ
241	ގަނ ގަނ	ތ. ގެންދޫ	ކ ކ ކ

244	ތިލަނ්ދූ	ދ. ފުޅުވާ	ކުޑަ ކުދިންގެ ކެއުމާ(ވަކި ތަނެއްގައި ކާން ބަލައި)	ދ. ފުޅުވާ ކުދިންގެ ކެއުމާ ބެހޭގޮތުން ކުދިންނަށް ދަސްކޮށްދިނުމަށް ދަތުރުކުރާ ފަރާތްތަކަށް ދަސްކޮށްދިނުމަށް ދ. ފުޅުވާ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް ދ. ފުޅުވާ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 21 ދުވަހުގެ ތެދު ދިވެހި ދ. ފުޅުވާ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 315 ތަކެއްޗާ 6567.13 ތަކެއްޗަށް. ބަލައި ކާ ކުދިންނަށް ދަސްކޮށްދިނުމަށް ދ. ފުޅުވާ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 120 ތަނަށް ވަދެގެންދާ.
245	ކަނޑުގަނޑު	ދ. ފުޅުވާ	ކާބޯ ހިލަމަސް/ ހިލަމަސް	ހިލަމަސް ވިޓަމިން ދ. ފުޅުވާ ކުދިންނަށް ދިނުމަށް. 200 ތަނަށް ވަދެގެންދާ.
246	ކާޑު	ދ. ފުޅުވާ	ކާބޯ ހިއުރު ތަކެއްގެ ކެއުން(ތަކެއްގައި ކާބޯ ހިއުރު ގަދަ ގަނޑެއް)/ ކެއުމުގެ	ދ. ފުޅުވާ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް ދ. ފުޅުވާ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް
247	ތިލަނ්ދූ	ދ. ގދ	ކެއުން ދިނުމުގެ	ދިވެހި ބަސް ބަހުގެ ދަށުން ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 85 ދުވަހުގެ ތެދު ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 870 ތަކެއްޗާ. ދިވެހި ތިލަނ්ދූ ތަކެއްގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 1345 ވަނަ ތަނަށް. ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 94 ތަނަށް ވަދެގެންދާ.
248	ކަނޑުގަނޑު	ދ. ގދ	ކުލަ ބަދަލުކުރާ ގޮތުގެ ކެއުން/ ހިލަމަސް	ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް (ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް ކެއުމުގެ ގޮތުގައި) ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 20 ދުވަހު. ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 60 ދުވަހު ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް. ދ. ގދ ކުދިންގެ ކެއުމާ ބެހޭ ވާހަކަ ދައްކަން ގެންދާ ގޮތް 80 ވަނަތަށް ތަނަށް ވަދެގެންދާ.

249	ގަސްގަރުދަ	ހއ. ފ ުށ ަ ސ ް	ކ ާ ލ ަ ނ ް ދ ަ ރ ި ގ ަ ނ ޑ (ބ ާ ރ ަ ކ ާ ތ ް) ، (ބ ާ ރ ަ ކ ާ ތ ް)	ކ ާ ލ ަ ނ ް ދ ަ ރ ި ގ ަ ނ ޑ (ބ ާ ރ ަ ކ ާ ތ ް) ، (ބ ާ ރ ަ ކ ާ ތ ް) ، (ބ ާ ރ ަ ކ ާ ތ ް) ،

252	ތަކުރި	ހ.ތ. ފ ۲ ۵	ހަމަ ( )	ދަނޑި ދަތުރުގައި ދިއުމަށް ކުރިން ދަތުރުގައި ދިއުމަށް ބޭނުންވާ ދަތުރުގެ ލިޔުންތައް ހުށަހަޅާ ދަތުރުގައި ދިއުމަށް ހުއްދަ ލިބިގެންވާ ފަރާތެއް.
253	ކަނޑުދަތުރު	ހ.ދ. ދިވެހި	ހަމަ (ދަށުން)	ދިވެހިރާއްޖެ ދަނޑުދަތުރު ކުރާ ކަނޑީގައި ދަތުރުކުރާ ދަތުރުވެރިންގެ ސަލާމަތާ ގުޅިގެން ދަތުރުވެރިންނަށް ދަތުރުގައި ދިރުމަށް ބާރުއަޅުވައި

254	ދިވެހިންގެ	ތަ. ގުޑުދިއްރ	ހުކުރު ދިވެހިބަސް	ގުޑުދިއްރ ދިވެހިބަސް ބަލައިގެންފައި ހުންނަ ދިވެހިންގެ ތެރެ ހުކުރު ދިވެހިބަހުގައި ކަލާމުކުރާ ފަރާތްތަކަށް ބަލައިގެންނެވެ. ދިވެހި ބަހުގެ ތެރެއިން ބަދަލުގައި ބަދަލު ދެއްކުމަށް ބަލައިގެންނެވެ. ދިވެހި ބަހުގެ ތެރެއިން ބަދަލު ދެއްކުމަށް ބަލައިގެންނެވެ (ދިވެހިބަހުން ބިދޭސީ ބަހަކަށް ބަދަލުގައި) ދިވެހިބަހުގެ ބަދަލުގައި ބަދަލު ދެއްކުމަށް ބަލައިގެންނެވެ. ދިވެހި ބަހުގެ ވަކިވަކި ބަސްތަކުގެ ތެރެ ބަދަލުގައި ބަދަލު ދެއްކުމަށް ބަލައިގެންނެވެ. ދިވެހި ބަހުގ

255	ދިވެހި	ހ.ތ. ފުލުހުންގެ	ކ.ގ.ސ. ދިވެހިރާއްޖެ	ފުލުހުންގެ ހުރިހާ ކަންކަމެއް ކުރިއަރުވައިދިނުމަށް ދިވެހިރާއްޖެ ފުލުހުންގެ ދަށުގައި ހިންގާ ދާއިރާ ދެމެހެއްޓުމަށް ދިވެހިރާއްޖެ ފުލުހުންގެ ދަށުގައި ހިންގާ ދާއިރާ ދެމެހެއްޓުމަށް ދިވެހިރާއްޖެ ފުލުހުންގެ ދަށުގައި ހިންގާ ދާއިރާ ދެމެހެއްޓުމަށް ދިވެހިރާއްޖެ ފުލުހުންގެ ދަށުގައި ހިންގާ ދާއިރާ ދެމެހެއްޓުމަށް (ފިނިކަންތައް ދިނުމުގެ ކަންކަމާ ގުޅުންހުރި) ދިވެހިރާއްޖެ ފުލުހުންގެ ދަށުގައި ހިންގާ ދާއިރާ ދެމެހެއްޓުމަށް

257	ގަސްގަނޑަ	ހަތް ދިހަ	ހިއްކާ ގަސް/ ދެއް ހިއްކާ ގަސް	ފެނުގައި 40 ބަރަކާތްތެރި ފިހާ ތަކެއްގެ، ގަނޑު ވަކިވެގެންވާ ގޮތަކަށް 31 ފޫޓް 6 ހިއްކާ ތަނުގައި 70 ފޫޓް ހުއްދަ ގަނޑަށް. ފެނަށް ހުއްދަ ދިނުމުގެ ކޮންމެ ތަނެއްގައި ހިނގަންވާ ކަންތައް ކަނޑައަޅާފައި ވާ.
258	ގަސްގަނޑަ	ހަތް ދިހަ	ހިއްކާ ގަސް	ފެނުގައި 336 ބަރަކާތްތެރި ފިހާ ތަކެއްގެ، ގަނޑު ވަކިވެގެންވާ ގޮތަކަށް 27 ފޫޓް ތަނެއްގައި 60 ފޫޓް ހުއްދަ ގަނޑަށް. ފެނަށް ހުއްދަ ދިނުމުގެ ހިނގަންވާ ކަންތައް ދަށީގައި (ހ)ގައިވާ ގޮތަށް ގަނޑާ.
259	ގަސްގަނޑަ	ހަތް ދިހަ	ގާތް ގަސް	ފެނުގައި ގަނޑު 110 ބަރަކާތްތެރި ފިހާ ތަކެއްގެ، ގަނޑު ވަކިވެގެންވާ ގޮތަކަށް 15 ފޫޓް ތަނެއްގައި 30ފޫޓް ހުއްދަ ގަނޑަށް. ފެނަށް ހުއްދަ ދިނުމުގެ ކުރިން ހަމަ ކުރަންވާ ކަންތައް ކަނޑައަޅާފައި ވާ.
260	ގަސްގަނޑަ	ހަތް ދިހަ	ހިއްކާ ގަސް	ފެނުގައި 50 ބަރަކާތްތެރި ފިހާ ތަކެއްގެ، ގަނޑު ވަކިވެގެންވާ ގޮތަކަށް 8 ފޫޓް 4 ހިއްކާ ތަނުގައި 30 ފޫޓް ހުއްދަ ގަނޑަށް. ފެނަށް ހުއްދަ ދިނުމުގެ ކުރިން ހިނގަންވާ ކަންތައް ކަނޑައަޅާފައި ވާ
261	ހިއްލާ	ހަތް ދިހަ	ހިއްކާ ކަނޑާލުން	1609ވ. ވަނަ ހަފްތާ، ހަމަ ދުވަހުގެ ކުރިން ކަނޑާލުން ކަށަވަރުކުރުމަށް ކަނޑައަޅާ ތަނުގައި ހިނގަމުންދާ ކަންތައް ހަމަ ހަމައަށް ހުއްޓާ ހަމަ ދުވަހުގެ ކުރިން ކަނޑާލުން ހިނގާ ތަނުގައި ހުންނަ ބަދަލުކުރެވޭ ތަކެއްޗާ ދިމާއަށް ގެންދިއު

262	ތިލާނ ގެންނަން	ތަކެތި ލިބިގަތުން	ފަރާތްތަކުގެ ތަކެތި ލިބިގަތުމަށް ދެވޭ ގޮތް. ތަކެތި ލިބިގަނެ ދިރާސާ ކުރަން ބޭނުންވާ

265	ﻪﺴﺗ	ﻩﺮﺣ. ﻖﺮﺴﺋﻮﻣ	ﺮﻴﺮﻳﺮﺨﻧ ﻮﻏﺫ/ﺗﺋﻪﺣﺮﺴﻣﻮﻫﺮﻴﺮﻳﺮﻳﺮﺨﻧﺮﻮﻏﺫ(ﺗﺋﻪ ﺣﺮﺴﻣﻮﻫﺪﻫﺮﻮﻏﺫ)	ﺣﻮﻏﺫﻮﻫ، ﺮﻴﺮﻳ ﺗﺮ ﺣﺮﻫﺮﻳﺮﺴ ﻩﺮﻫﻩﺮ، ﺴﻪﺣﺮﺴﻣﻮﻫﻫ ﻪﺴﺮﺴﺮﺴﺗﺮ ﻪﺮﻫﻩﺮﻫﺮﺗﻮﻏﺫﻮﻫ ﻮﻏﺫﺗﻮﻏ. ﺣﻮﻏﺫ ﻪﺮﻫﺮﺴﺗﺮﻮﻏﺫﻮﻫﺮﺴ ﺮﻴﺮﻳﺮﺨﻧﺮﻮﻫﺮﻴﺮﻳ ﺮﺨﺮﻫﺮﻳﺮﺨﻧﺮﻮﻫﺮﻴﺮﻳ ﻪﺴﺮﺴﺮﺴﺗﺮﻮﻏﺫﻮﻫﺮﻴﺮﻳ. ﺣﺮﺮﺨﺗ ﺣﻪﺮﺨﺗﺮﻮﻏﺫ 80 ﻏ ﺪﺤﺪﺨﺗﻏ 70ﻪﻴﺮﻳ، ﺣﺪﺤﺪﺨﺗﻏ ﺣﺪﺮﺴﺋﻮﻣﺮﻴﺮﻳﺮﺨﻧﺮﻮﻏﺫﻮﻫﺮﻴﺮﻳ ﺮﺨﺮﻫﺮﻳﺮﺨﻧﺮ

270	ގަދަރުން	ވ. ފުލިދޫ	ދ ވިލާތުގެ ގަދަރުން:	ދ ވިލާތުގެ ގަދަރުގެ ކުރީ ތަނުގައި ހުންނަ ގަދަރު. ދ ތަނުގެ ތެރެއަށް ދާ

272	ފިހާރު ވަޒީފާއަކާ ގުޅޭ ތަފާސް	ފ. ފެލިދޫ	ތިމާވެށި ވަޒީފާއަކާ ގުޅޭ ތަފާސް:	ތިމާވެށި ވަޒީފާއަކާ ގުޅޭ ތަފާސް ކުރުމަށް ކުރިއަށް ގެންދާ ކަންތައް ކަނޑައެޅުމަށް ފަހު ތިމާވެށި ވަޒީފާ ހިންގާ ފަރާތުން ވަޒީފާ ދިނުމަށް ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ވަޒީފާ ދިނުމުގެ ކުރިން ތިމާވެށި ވަޒީފާ ހިންގާ ފަރާތުން ވަޒީފާ ދިނުމަށް ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ވަޒީފާ ދިނުމަށް ފަހު ތިމާވެށި ވަޒީފާ ހިންގާ ފަރާތުން ވަޒީފާ ދިނުމަށް ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ވަޒީފާ ދިނުމުގެ ކުރިން ތިމާވެށި ވަޒީފާ ހިންގާ ފަރާތުން ވަޒީފާ ދިނުމަށް ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ވަޒީފާ ދިނުމަށް ފަހު ތިމާވެށި ވަޒީފާ ހިންގާ ފަރާތުން ވަޒީފާ ދިނުމަށް ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް
273	ތަކެތި	ފ. ފުވައްމުލައް	ފުވައްމުލައް ސެކްރެޓަރިއޭޓުގެ ހިސާބުގައި:	ފުވައްމުލައް ސެކްރެޓަރިއޭޓުގެ ހިސާބުގައި ތަކެތި ގަތުމާ ގުޅޭ ކަންކަމުގައި ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ތަކެތި ގަތުމާ ގުޅޭ ކަންކަމުގައި ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް
274	ހިނާ	ފ. ފުވައްމުލައް	ހުސްވަހެ	ފުވައްމުލައް ސެކްރެޓަރިއޭޓުގެ ހިސާބުގައި ހިނާ ގަތުމާ ގުޅޭ ކަންކަމުގައި ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ހިނާ ގަތުމާ ގުޅޭ ކަންކަމުގައި ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް
275	ހިލަނބުމ	ފ. ގާވަށް	ހުވަދޫ ހިސާބުގައި	ހުވަދޫ ހިސާބުގައި ހިލަނބުމާ ގުޅޭ ކަންކަމުގައި ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ހިލަނބުމާ ގުޅޭ ކަންކަމުގައި ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ހިލަނބުމާ ގުޅޭ ކަންކަމުގައި ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް ހިލަނބުމާ ގުޅޭ ކަންކަމުގައި ކުރިއަށް ގެންދާ ކަންތައް ތަފާސް ކުރުމަށް

276	ފިހާރު ވަކިވަރުގެ ތަކެއްޗާ	ބ. ފުވަށް	ހުޅުވާ ދިވެހިރާއްޖެ ކަމުގައި	
277	ބިއާ	ބ. ފުވަށް	ފުވަ	
278	ތިމާގެ	ބ. ދާނޑުގެ	ތަކެ ދިވެހި	ދ ދާނޑުގައި ތަކެ ދިވެހި ބަސް ބަހުގެ ދާނޑު. ދިވެހިދާ ދިވެހި ދާނޑު ދ ދާނޑުގައި ދ ދާނޑު ދ ދާނޑުގައި ދ ދާނޑު. 2004ބ. ވަކި ތަކެ ދ ދާނޑު ދ ދާނޑުގައި ދ ދާނޑު ދ ދާނޑު ދ ދާނޑު ދ ދާނޑު. ދ ދާނޑު ދ ދާނޑު

280	ﺑﻪﻧﺮﻧﻪﺩﺭ	ﻍ. ﺳﺮﻏﺴﺪﺭ	ﺳﺮﻏﺴﺪﺭ ﻟﺆﻫﺪﻣﻲ	ﺳﺮﻏﺴﺪﺭ ﻟﺆﻫﺪﻣﻲ ﺑﺎﺭ ﭘﺮﺳﺮﻫﺆﻗﺮﻭﺭ ﻣﺴﺪﻫ ﺩ ﻧﺮﺩﺭﻧﺮ ﺍﺣﺆﻫﺆ. ﺩ ﻣﺴﺪ ﺍﻣﻲ ﻧﺮﺩﺭﻧﺮ ﺍﺭﺗﺪﻣﻲﻗﺮﺳﻲ ﺗﺴﺮﻉﺗﺮﺳ ﺗﻲﺴﺪﻧﺮﻧﺮ 250 ﺩﺩﺡ ﺩﺭﺩﺭﻧﻪﺆ. 1983ﺣ. ﻣﻪﺭ 1984ﺣ. ﺭﻪﺭ ﻟﻲﺮ ﺭﻧﻪﺭﻗﺮﺡ ﺩ ﻣﺴﺪ ﻫﻪﻫﺮﻭﻪﺭ ﻫ ﭼﺪﺭ ﻗﺮﻗﻪﺴﺪ ﺩ ﻣﺴﺪ ﻗﺮﺩﺡﺩﺗﺮ، ﺩ ﻣﺴﺪﺭ ﺩﻫﺪﺩﺩﻫﺪ ﺍﺴﺮ ﺷﺪﻧﻪﺡ ﺗﺪﺆﻫﺪﺭﻪ ﺭﺳﺮ ﺷﻪﺭﻧﻪﺩﻫﺪﺭﻪﺭﻗﻪﺆ. ﺩﻪﺭ ﻫﺪﺭﺝﺩﺷﺪﺭﻪ ﻫﺆﻪﺳﻪﺡ ﺭﺭﺳﺮ ﻫﺴﺮﻣﻪﺆﻫﺪ ﺭﻪﺭ ﻣﺴﺪﻧﻪﺆ. ﺩ ﺳﻪﺭﻪﺭﻫﺪﺭ ﺩﺭﺩﺭ ﺭﺳﺮ ﻭﺭﺗﺪﺳ ﺷﺪﻧﺪﺭ ﺩﺭﺩﺭﻧﺮ، ﺗﺮﻗﺮﻫﺪﺩﺭ ﻣﺆﺭﺗﺮ ﺯﺪﺭﺩﻫﺪﺩﺩﺩ ﺗﺪﺭﺩﺭﺩﺝﺆ ﺷﺪﻧﺪﺭﻪﺭﻗﺪﺩﺆ ﺗﺮﺩﺭﻧﻪﺆ. ﺩ ﻣﺴﺪﺭ ﺷﺪﻧﺪ ﻣﺪﺭﻫ ﺗﻪﻫﺪﺭﺳ ﻫﺴﺪﻧﺪﺭ ﺩ ﻣﺴﺪﻧﻪ ﺩﺭﺩﺭﻧﺮﺳ ﺩﺭﺩﺭﻧﺮ 540 ﻣﻪﺭ 670 ﻣ ﺗﺮﺡﺩﺗﺮﺆ ﻫﺮﺭﻫﻪﺩﺆ ﺍﺑﺪﺩﻪﺭ ﺩﺭﺩﺭﻧﺮ ﺭﺳﺮ ﺭﻪﺡﺆ. ﺩ ﺩﺩﺩﺆ ﺍﺑﺪﺩﻪﺭ ﺭﺳﺮ ﻫﻪﻫﺪ ﻣﺴﺪﻫﺪﺩﺆ ﺳﺪﺩﻪﺩﺆ ﺩﻪﺭﺳﻪﻣﻪﺭ ﻫ ﻣﺴﺪﻧﻪ ﺩﺩﺪﻫ ﺆﻭﻪﺭ ﻫ ﻋﻪﺩﻣﺪﺆ ﻭﺆﻪﺭ ﺭﻪﺭﺳﺆ. 800 ﻫﺮﺭﻫﺪﺭ ﺆﺩﺭ ﺩﺳﺮ ﺗﺮﻭﻪﺴﺆﺆﻭﺭ. ﺩﺳﻪﺭﺭﻫﺪﺭﺆ ﺍﺑﺪﺩﻪﺭ ﺩﺭﺩﺭﻧﺮ ﺭﺳﺮ ﺭﻪﺴﺪﻭﻪﺴﺪﺳﻪﺭﻪﺭ ﻫﻪﺴﻪﺭ ﺩﺳﻪﺭﻫﻪﺭﺩﺭﻪﺭ ﺩﺭﺩﺭﻧﺮﺳ ﺩﺭﺩﺭﻧﺮ ﺩﺭﺩﺭﻧﺮ 110،732·74 ﺩﺭﺩﺭﻧﺮ ﺩﺭﺩﺭﻧﺮ. ﺩﺳﻪﺭﺭﻫﺪﺭﺆ ﺍﺑﺪﺩﻪﺭ ﻫﻪﺴﻪﺭ ﺩﺳﻪﺭﻫﻪﺭﺩﺭﻪﺭ

281	ތިފާނ	ފ. ހިތަދޫ	ގާސީ ހިސާބު	ހިތަދޫ ގާސީ ހިސާބުގެ ތެރެއިން ދިވެހި ރައްޔިތުންގެ ގެއަށް ގެންދާ ގޭހުގެ ދަށުން ދައްކަންޖެހޭ ގާސް ބިލުގެ ގޮތުގައި

282	ދާނާ	ފ. ހިތަދޫ	ގާނާގެ ފިނޮޅުގެ ދަށުގައި ހުންނަ ކަނޑުގެ ބިންގަނޑާ ހަމައަށް ދިގުކަނޑުގެ ދަށުގައި ހުންނަ

283	ﷺ	ފ. ހިތަންދޫ	ގުދަން	800 ތަނަވަށް ދުއްސ ދިނުމަށްފަހު ތިމާގެ ކުށް ހުއްދަ ލިބިގެން ދިވެހި ރާއްޖޭގެ ކައުންސިލްތަކުގެ ދަށުން ހިންގާ ކައުންސިލެއްގެ ތެރެއިން ކައުންސިލަށް ވަކިވާ ކައުންސިލަރ ކަމުގައި ވަކިކުރެވުނު

286	ގަސްގަހާ	ފ. ތޮޅުވެރި	ބަންދެއްގަސް	100 ތަނަކުން ފަށާފައި	
287	ގަސްގަހާ	ފ. ތޮޅުވެރި	ކުޅަގަސް	100 ތަނަކުން ފަށާފައި	
288	ތިއް	ފ. ތޮޅުވެރި	ތޮޅުވެރި ދެއްކުމުގެ		
289	ބަތަލަންފާ	ހާދަތަކެ	ހާދަތަކެ ގަނެގެން	ހ ތަކުގައި ގަނެގެން ދާނެ.	
290	ތިއް	ހަކުރު	ބޯކުރުމުގެ ތަކެތި	ހަކުރު ތަކެތި ބޯކުރާ ތަނުގައި ބޭނުންކުރާ ގޮތަށް ބަލައި ގެންދާ.	
291	ތިއް	ފުލުން			
292	ތިގަނޑު	ފ. ފަތަރުވެރި	ކަނޑައި ފިހާތަކުގެ		
293	ތިގަނޑު	ފ. ފަހަރު	ކަނޑައި ފިހާތަކުގެ/ ފަހަރު ކަނޑައި ފިހާތަކުގެ	ފ. ފަހަރު ތިގަނޑު ތިބެންވާ ގޮތާ ގުޅިގެން ތިގަނޑު ތަކެތި ކަނޑައި ފިހާތަކުގެ ކުރިން ތިގަނޑު ތަކެތި ކަނޑައި ފިހާ ތަކުގެ ދަށުގައި ތިބެންވާ ގޮތާ ގުޅިގެ

296	ﻪﺳﺮ	ﻣﺮ. ﺭﺭﺋﻮﺭﻩ	ﺭﻩﺭﻩﺋﻮﺭﻩ ﻣﻪﺷﻤﻪﺷ ﻣﺮﺷﻤﻪﺷ ﺭﻩﺭﻩﺋﻮﺭﻩ

300	ތާރީޚުގެ	ދ. ކުޅަދުވަށް	ކުޅަދުވަށް ފުރަތަ ފިނޮޅުގައި ހިނގި ބޮޑު ކަނޑުއަޅާ ހަނގުރާމަ. ދިވެހި ރައްޔިތުންގެ ދަށުން ދިވެހި ރާއްޖެ ދެކެ ބޭރުގެ ބާރުތަކާ ދިން ހަނގުރާމަ. ކުޅަދުވަށް ފުރަތަ ފިނޮޅުގައި ހިނގި ބޮޑު ކަނޑުއަޅާ ހަނގުރާމަ. ދިވެހި ރައްޔިތުންގެ ދަށުން ދިވެހި ރާއްޖެ ދެކެ ބޭރުގެ ބާރުތަކާ ދިން ހަނގުރާމަ. ތާރީޚުގައި ދެކެވޭ ފަދައިން ދިވެހި ރައްޔިތުންނަށް ފަތުރުވެރިކަމުގައި ދެކެވުނު ބޮޑު ބާރަށް ދިވެހި ރައްޔިތުން ދެކެ ބޭރުގެ ބާރުތަކުން ކުރިން ދިން ހަނގުރާމަ. ދ. ކުޅަދުވަށް ފުރަތަ ފިނޮޅުގައި ދިވެހި ރައްޔިތުންނާ ދިމާ ވެ ހަނގުރާމަ ކުރި ބޭރު ބާރުތަކަކީ ދިވެހި ރައްޔިތުންނަށް ފަތުރުވެރިކަމުގައި ދެކެވުނު ބޮޑު ބާރަށް ވެ ފަދައިން ދ. ކުޅަދުވަށް ފުރަތަ ފިނޮޅުގައި ދިވެހި ރައްޔިތުންނާ ދިމާ ވެ ހަނގުރާމަ ކުރި ބޭރު ބާރުތަކަކީ ދ. ކުޅަދުވަށް ފުރަތަ ފިނޮޅުގައި

302	ﺑﻪﻧﺮﻧﻪﺭﻫﺮ	ﻣﺮ. ﺗﻪﺋﻪﺭﻭﻩﺮ	ﺗﻪﺋﻪﺭﻭﻩﺮ ﺭﺗﺘﺮ ﺩﻳﺴﻪﺑﻪﻣﻲ ﻭﻧﺮﻫﺌﺴﻮﮒ ﺳﻪﻧﺮﻧﻪﻫﺮﻩﺮﻩﺭ ﺭﺳﺮ ﻫﺮﻭﻩﺴﻮﻭ ﻫﺪﮔﺮﮒﻪﻣﻪﺗﺌﺲ ﺳﺮﺷﻮﺴﻪﻣﻪ	
303	ﻫﻪﺳﮒ	ﻣﺮ. ﺗﻪﺋﻪﺭﻭﻩﺮ	ﺭﺗﺘﺮ ﺩﻳﺴﻪﺑﻪﻣﻲ ﺗﺮﮔﺮﺳﺮ	ﺩﺮ ﺳﻪﻧﺮﻧﻪﻫﺮﻩﺮﻩﺭ ﻫﻪﺳﻪﻫﺮﻩﺮ ﺗﺮﮔﺮﺳﺮﻫﻪﺭ

304	ދިވެހި	ނ. ކެއުމުގެ	ތެދުވެސްއެވެ.	ކަންކަމުގައި ހިނގާ ގޮތް ދެނެގަތުމަށް ބޭނުންވާ ކަންތައްތަކާ ގުޅުންހުރި ތަފާތު ތަފާތު ގޮތްތަކުގެ ދަށުން ކަންކަން

306	ތިލާދުންމަ	ތ. ގާދަނބުދޫ	ގަނޑުވިލުގެ ފިހާރަ	ހިލާ ކަނޑުގައި ހިންގާ ދަނޑުގައި ކަނޑުގައި ހިންގާ ދަނޑުގައި ކަނޑުގައި ހިންގާ ދަނޑުގައި

308	ތިމާގަމު	ދ. ފައްސޫދޫ	ގާސީގެ ހުކުރު ފިހާރަ	ދިވެހި ރައްޔިތުންގެ ދަށުން ހިންގާ ކުރިއަށް ގެންދާ ކަންތައްތަކާ ގުޅިގެން ދިވެހި ރައްޔިތުންނަށް ދެވޭ ހުރިހާ ސަރުކާރު ސާރވިސްތަކާ ގުޅިގެން

313	ތިމާގަނޑު	ނ. ގަހެއްޗާ	ގަހެއްޗާ ހުންނަ ހިސާބު	ހަނގުރާ ކުރުމަށް ބޭނުންކުރާ ގަސްތަކާ ގުޅިގެން ހުންނަ ގަސްތަކާ ގުޅިގެން ހުންނަ ގަސްތަކާ ގުޅިގެން ހުންނަ

318	ތިލާދަންފޫ	ރ. ހިތަދޫ	ފަރާތްތަކާ ގުޅުންހުރި/ކުއްލި ކަންކަމަށް	ތިލާދަންފޫ ރ. ހިތަދޫ ގެ ދަށުގައި ހިނގާ ކަންކަމާ ގުޅުންހުރި ފަރާތްތަކުން

321	ﻪﺳﺮ	ﻡ. ﻭﻮﻣﺮ	ﺭﻮﻮﺳﻭﺮﻩﻮ	ﺡ ﺮﻮﺮﻭﺮ ﻩﺮﺮﻮﺮﻮﺮﻮﺮ ﺮﻮﻮﺮﺮ ﺮﻮﺮﻭ ﺭﻮﻮﺳﻭﺮﻩﻮ. ﺡ ﺮﻮﺮﻭﺮ ﺭﻮﻮﺳﻭﺮﻩﻮ ﻭﺮﺮﺡﺮﻮﺮﻭ 225 ﻮﻮﺡ ﺮﻭﺡ ﺭﻮﺮﻭﺮ 6 ﻮﻮﺡ ﺭﻮﺮﻩﻮ. ﺡ ﺮﻮﺮﻭﺮﻩﻮﺮ ﺮﻭﺮﻭﻮﺮ ﺭﻮﺮﻩﻮ ﺮﻭﺮﻮﺮ ﺭﻭﺡﻮﺮﻭﻩﻮ ﺡ ﺮﻮﺮﻭﺮﻩﻮﺮ ﻭﺮﺮﻭﺮ ﺭﻮﺮﻩﻮ. ﺩﻮﻭ ﻮﻮﺮﻮﺮﻭﻭﺮﻭ ﺡ ﺮﻮﺮﻭﺮﻩﻮﺮ ﻭﺮﺮﻭﺮ ﺭﻮﺮﻩﻮ، ﺮﻮﺮﻭﺮﻩﻮﺮ ﻭﺮﺮﻭﺮ ﺭﻮﺮﻩﻮ.
322	ﻪﺳﺮ ﻭﺮﺮﻭﺮﻭﺮﻭﺮ ﻭﺮﺮﻭﺮ	ﻡ. ﻭﻮﻣﺮ	ﻮﻮﺮﻭﺮﻮﺮ ﺮﻮﻮﺮﻮﺮ ﺭﻭﺮﻮﺮ	ﺡ ﺮﻮﺮﻭﺮ ﻩﺮﺮﻮﺮﻮﺮ ﺮﻮﻮﺮﻮﺮ ﺭﻭﺮﻮﺮ ﺭﻮﺮﻩﻮ ﻩﻮﺮ ﻩﻮﺮﻩﻮ. ﺮﻮﺮﻭ ﻪﺳﺮ ﻩﻮﺮﻩﻮ ﻩﻮﺮ ﺮﻮﺮﻭﺮﻩﻮﺮ ﺮﻮﻮﺮﻮﺮ ﺮﻮﻮﺮﻮﺮ ﺭﻮﺮﻩﻮ.
323	ﻩﺮﺮﻮﺮﻭﺮ	ﻡ. ﻭﻮﺮﻩﻮﻮﺮ	ﺭﻭﺮﻭﺮﻭﺮ ﻩﻮﺮﻮﺮﻭﺮ ﻩﻮﺮﻮﺮﻭﺮ ﺮﻮﺮﻮﺮﻭﺮﻭﺮ ﺭﻭﺮﻭﺮﻭﺮ ﺭﻮﺮﻩﻮ، ﺡ ﺮﻮﺮﻭﺮ ﺭﻭﺮﻭﺮﻭﺮ ﺭﻭﺮﻭﺮﻭﺮ ﺭﻭﺮﻩﻮ. ﺭﻭﺮﻭﺮﻭﺮ ﻩﻮﺮ ﺭﻭﺮﻩﻮ. ﺭﻭﺮ ﺭﻭﺮﻩﻮﺮ ﺭﻭﺮﻭﺮﻭﺮ ﻩﻮﺮ.
324	ﻪﺳﺮ ﻭﺮﺮﻭﺮﻭﺮﻭﺮ ﻭﺮﺮﻭﺮ	ﻡ. ﻭﻮﺮﻩﻮﻮﺮ	ﻭﻮﻮﺮﻮﺮﻮﺮ ﻩﻮﺮﻮﺮﻭﺮﻮﺮ ﺮﻮﺮﻮﺮﻭﺮﻭﺮ ﻩ ﺮﻮﺮﻭﺮﻮﺮ ﺭﻮﺮﻮﺮﻭﺮﻭﺮﻮﺮ ﺭﻭﺮﻩﻮﺮ	
325	ﺮﻮﺮﻮﺮﻩﻮﺮ	ﻡ. ﻮﻮﺮﻮﺮﻭ	ﺮﻭﺮﻭﺮ ﻮﻮﺮ ﺮﻭﻮﺮ ﻩﻮﺮ	ﺡ ﺮﻮﺮﻭﺮ ﻭﻮﻮﺮﻮﺮﻮﺮﻮﺮﻮ ﻩﻮﺮﻮﺮﻭﺮﻮﺮ ﺮﻮﺮﻭﺮ ﻩﻮﺮﻮﺮﻭﺮﻭﺮ ﻭﻮﻮﺮﻮﺮﻮﺮﻮﺮﻮ ﺮﻮﺮﻭﺮ ﺮﻮﺮﻭﺮﻭﺮ ﻭﻮﻮﺮﻮﺮﻮﺮﻮﺮﻮ ﺮﻮﺮﻭﺮ ﺭ

328	ގަސްގަހާރ	ފ. ގެނުމާ	ހެދުމުގެ ކަނޑަށް	ގެނައުމަށް ހުއްދަ ދިނުމުގެ ގޮތުގައި ކުރިން ދަށ ކުރުމަށް 130 ބަލައި ގެންނަ 100 ބަލަހައްޓާ ދިގު ކުރުމަށް 2 ގަސްބަދަލަށް ފާސް
329	ދާނާ	ފ. ގެނުމާ	ދިއްލަމުން	ދާ/ ދިއްލަމުން ދާ ދަތުރުގައި ބާރު ދަށ ކުރުމަށް 156 ބަލައި. ކާބޯ ދަށ ކުރުމަށް ފުންނަމުންދާ ދިއްލަމުންކަން
330	ބަދަލުގެ	ފ. ގެނުމާ	ގަސްދުންފުށް ބަލައި ދިގު/ ކަނޑު ދިގު	ދިގު 08" ×15' ފުދުންކަށް "10 × 18' ބަލައި 00" × 12' / ދިއްލަ ގެންނަ ގޮތަށް ބަލައި ދިގު. ދިގު 167 ބަލައި/ ދިއްލަ ގެންދާ ދަތުރުގައި ފާސް ކުރަންވާ ދިއްލަ ގެންދާ ދަތުރުގައި ބަލައި ދިގު ކުރަންވާ ގޮތަށް ދިގު ކުރުމަށް ދިއްލަ ގެންދާ ދަތުރުގ

334	ﻫﻪﮕﺮ	ﻣ. ﻫﻪﻧﺮﻣ	ﺭﻫﺮﻫﻮﺭ ﻧﺎﺳﺔﻭﻫﺮ ﺳﻪﻫﺮﻫﻪﺮ/ﺭﻫﺮﻫﻮﻣﺮ ﻫﻪﺭﻮﻭﻫﺮ ﻫﻪﺩﻧﺮ ﺳﻪﻫﺮﻫﻪﺮ	ﺭﻮﻫﺮﻫﺮ ﺭﻮﺭﻫﻪﺩﻧﺮ ﺭﻮﺭﻫﺮﻫﻮﻣ ﻫﻪﮕﺮﻫﻪﺮ ﺭﻮﻫﺮﻫﺮ ﻫﻪﮕﺮﻫﻪﺮ ﺭﻮﺭﻫﻪﺩﻧﺮ ﺳﻪﻫﺮﻫﻪﺮ 1225ﻫﻪﺭﻫﻮﻫﺮ ﺳﻪﻫﺮﻫﻪﺮ.
335	ﻫﻪﮕﺮ	ﻣ. ﻫﻪﻧﺮﻣ	ﻭﻩﺩﻮ ﺯﻩﻫ/ ﺭﻩﺭﻫﺮ ﺭﻮﺳﻪﺭﻮﻫﻩ ﻭﻩﺩﻮ ﻫﻪﮕﺮ ﺯﻩﻫ	ﺭﻮﺯﻮﻫﺮ ﺭﻮﺭﻫﻮﺭ ﺭﻮﺳﻪﺭﻮﻫﻩ ﮊﺮ ﻮﻮﻫ ﺭﻮﺭ ﻫﻪﺭﻩﺭﻩ ﻫﻪﻫﻪﺯﻩﺮ ﻫﻮﻩ ﻫﻪﻫﻪﻫﻪﻫﻪﺭﻩﺭ ﺭﻩﮕﺮﻮﻫﻮﮕ ﺯﻩﻮﻮﻫﺮ.
336	ﻫﻮﺭﻩﻭ	ﻣ. ﻫﻪﻧﺮﻣ	ﻫﻩﺮﮕ/ﻮﻫﻪﻫﻩﺮﮕ	ﺭﻩﺭﻫﻮﻫ ﺭﻮﺯﻮﺭﻮﻫﻩ ﻫﻮﺭ ﻫﻮﻫﻮﻭ ﻫﻮﺭ ﻮﻮﺭﻮﺭﻮﻫﻩ ﻮﻫﻮﺭ ﻫﻮﻫﻮﻭ ﺭﻮﺭ ﺭﻮﺭﻮﻫ ﺭﻩﮕﺮﻮﻫﻮﮕ ﺭﻩﺭﻮﻩﮕﻮﻫﻩ ﻫﻪﻫﻪﻫﻪﻫﻪﺭﻩﺭ ﻫﻪﻫﻪﻫﻪﺮ ﻫﻪﻫﻪﺮﻩﺮ ﻫﻪﻫﻪﻫﻪﻫﻪﺭﻩﺭ ﺭﻮﺭﻫﻮﻫﻮﻫ ﻫﻪﻫﻪﻫﻪﻫﻪﺭﻩﺭ

343	ފުރުން ވަގުންފިލުވާނެ ތަންތަން	ފ. ގަސްދަށް	ގެންދާނެ ތަންތަން ހިންގާނެ	
344	ފުރުން ވަގުންފިލުވާނެ ތަންތަން	ފ. ގަސްދަށް	ގާސްހިލް ކަނޑައެޅުން (ގަދަ ވިންޑްމިލް ބޭނުންކުރާ)	
345	ހިދާނުވެ	ފ. ވިލުމަށް	ގާސްހިލް ވިންޑްމިލް	34×32' (1088 ހަގަދުން) ހިދާނުވެ ކަނޑައެޅުން ދެއްވާ ތަނަށް، ހަދާ ތަނަށް، ގަސް، ގަހާ ގޮތަށް ހިންގާ ތަންތަނަށް ހިދާނުވާ ތަނުގައި ބޭނުންކުރާ ގޮތަށް ހިންގާ ތަންތަނަށް ވިންޑްމިލް

349	ﺑﻪﻧﺮﻧﺮﻩﻣﺮ	ﻏ. ﺭﻩﻣﻘﻖ	ﺣﻨﺮﻩﺷﺮ ﻫﺮﺳﻪﻧﺴﺮﻩ	ﺣ ﻧﻨﺮﻧﺌ ﻫﺮﻧﺮﺣﻪﺭ ﺗﺴﺮﻩﻗﺮﻧﺮﻧﻪﺭ ﺣﻨﺮﻩﺷﺮ ﻫﺮﺳﻪﻧﺴﺮﻩ ﺳﺮﺣﺮﻧﺮ ﺑﺎﺭ ﺭﻏﺮﻧﻪﻭﻧﺮﻫﺮﻏ ﺭﻏﻐﺮ ﻫﻨﺸﻩ ﻫﻩﻧﺮﻩﻫﻐﻭ. ﺣ ﻫﻨﺸﻨﺌ ﻭﻧﺮﺣﺮﺳﺮﺭ 140 ﺗﻘﻐﻭ. ﻫﺮﺳﻪﺣﺮﺳﺮﺭ 8 ﺗﻘﻐﻭ. ﻧﻨﺮﻧﺮﺵ ﺣﻩﻫﻘﻘﻐﻩ ﻧﻨﻩﻭﺣ ﺗﻘﻩﻭﻧﻪﺣ ﺣ ﺳﻪﻧﺮﻧﻩﻫﻨﺮﺵ ﻭﺮﻧﺮﺵ ﻧﻩﻩﻭﻧﻩﻩ ﺣﺮﻩﻭﻧﻩﻩ ﺵﻐﻭﻭ. ﻩﻩﺮﺵ ﺵﺮﺣﻭﺳ، ﻧﻩﺮﻭﻧﻩ ﺣﻫﻨﺵ ﻫﻏﺮ ﺣﺮﻏﺮﺳﻏﻧﻩﺮﺣﺮﺵ ﻧﻨﺸﻭﻧﻩ ﺭﺮﻩ ﻫﻨﺸﻩ ﻩﺳﻭﺵ ﻩﻩﻨﺮﻩ ﻧﺎﺣﺮﺵ ﺣﻘﺮﻧﻭﻩﻩﻭ.	
350	ﻩﺳﺮ	ﻏ. ﺭﻩﻣﻘﻖ	ﺳﺮﻩﻫﻨﺮﻫﻭ	ﻏ ﺭﻩﻣﻘﻖ ﺳﺮﻩﻫﻨﺮﻫﻨﺮﻩﻭ ﺳﻩﻫﻨﺮﻫﻭﻭ ﻩﻩﻭﻧﻨﺮﻏﻭﻭ ﻭﻨﺮﻨﺮ ﺳﻪﻫﻭﻨﺮ ﺳﻩﻫﻭ ﻧﺎﺳﺮﻨﺮ "6'·8(ﻫﺮﻨﻭﻫﺮﻏﻏﻭﻨﺮﻭ) ﺣﻫﻭﻨﺮﻭ ﻩﺳﻪﺣﺮﺳﺮﺭ "4'·8 ﻫﺮﻨﺮ ﻏﺮﺳﻏ ﺭﻩﻩﻭﻧﻪﻨﺮﻨﺮ ﻭﻨﺮﻨﺮ ﻧﻩﻭﻧﻩﻭ ﻗﺮﻨﻩﻨﻏﻏ ﻩﻩﻗﺮﻏﻩ ﻗﺮﻨﻭﻭﻭﻭﻩ ﻩﻩﻭﻏﺮﻭ ﻧﻩﻨﺮﻧﺪﺵ ﻫﻭﻭﻭﻭ. ﻭﻩﺮﺵ ﻫﺴﻪﻫﺮﻫ ﺭﻩﻭﻭﻭﺵ ﺭﻏﺮ ﻩﻩﻭﻭﻩﻩ ﻩﻩﺮﻩﺭﻩ ﻫﻨﺸﺮﻩﺭﻨﺮ ﻫﻫﻨﺮ ﻭﻨﺮﻨﺮ ﻩﻨﻭﻨﺮﻨﺮﻭ. ﺣﻩﻫﻩ ﺭﻏﺮﻭﻩﻩﻭﺳ ﻩﻭﻏﻏﻩ ﻫﻩﻨﺸﻨﺸﻨﺮﻨﺵ "6'·6×10'·6 ﻭﻩ ﻫﻩﺭ "4'·3 ﻩﺳﻪﺣﺮﺵﻭﻩ ﻨﻩﻩﻭﻨﺮﻨﺵ ﻭﻨﺮﻨﺮﻭﻩﻭﻩﻭ ﻭﻩﻫﻨﺮﻨﺮﻭﻩﻭﻩ ﻫﻨﺮﻨﺮﻭ. ﺣﺮﻭﺣﺮﺵ: ﻧﺮﻨﺸ:'63ﻩﻩﻭﻨﺮ "75'·7، ﺭﻨﻭﺳﻭ "102'·6 ﻫﻩﺭ ﻫﻨﺮﻩﻭ '99ﻩﻩﻭ. ﻭﻨﺮﻨﺵ ﻩﺳﻪﺣﺮﺳﺮﺭ "5'·4ﻩﻩﻭ. ﺣﺮﻩﻭﻏﻩﻭ ﺣﻨﺮﻨﺮﻭﻩ ﺣﺮﻨﺮﺵ ﻭﻩﻩﻨﻨﻭﻨﺵ ﻩﻩﻨﺵﻨﻭﺮﻭﻏ ﻨﻨﻭﻨﺮﻩﻭﻩ ﻩﻩﻫﺮ ﻏﺮﻩﻩﻩﻨﺵ ﺣﺮﻨﺮﺵ ﻫﺴﻪﻏﻏﻨﺮﻭﻩ ﻨﻩﻨﻨﻨﻨﺵ ﻩﻩﻨﺵﻨﻭﺮ ﻧﺮﻭﻭﺳﻪﻭﻏﺮ ﻏﻨﺮﻨﺮﻨﺵ ﻧﺮﻭﻭﺳﻪﻭﻩﻩﻭ ﻫﻭﺵﻩ ﻨﻨﺮﻨﺮ ﻩﻩﻨﻩﻩﻩ. ﺳﻪﻫﻪﺭ ﻩﻩﻏﻨﺮﻩﻭﻨ ﺭﻨﺮﻩﻨﺮ ﻭﻨﺮﻨﺵ ﻩﻩﻨﻩﻨﺮﻩﻭﻩ ﻩﻩﻏﻨﺮﻫﻭ ﻭﻨﺮﻨﻨﻨﻨﺮﻭﻩﻭﻩ ﻨﻩﻭﻨﺳﻩﻩ ﻏﻨﻨﻨﻩﻩ ﻏﻨﻩﻨﻨﻨﺵ ﻩﻩﻨﻨﻨﻨﺮﻭﻩﻭﻩ ﻩﻩﻨﻨﻨﻨ

351	ތިއް	ފ. ހިތަދޫ	ކުރިޔަށް	ދަށުގައި "28'·11، ފުޅާދ "20'·9، ހިލަގަނޑުން ހުރިހާ ތަކެތި ގެންދިއުމަށް ބޯޓު ބޭނުންކުރާ ތަނަކީ "12'·8·5"×12'·5 ހިލަގަނޑުގައި ތިބޭ ބޯޓުތަކަށް ކައިރިން ބަލައިގަތުމަށް ހުންނަ ތަނެވެ. ތިއްބަވަރަށް ބޯޓު ކައިރިން ބަލައިގަތުމަށް ތިބޭ ތަނަކީ ދަނޑިގަނޑުގައި ހުންނަ ތަނެވެ. ތިއްބަވަރަށް ބޯޓު ކައިރިން ބަލައިގަތުމަށް ތިބޭ ތަނަކީ ދަނޑިގަނޑުގައި ހުންނަ ތަނެވެ. ދިގުމިން ހިތަދޫ ފަރާތުގައި ހުންނަ ދިގު ދިގުމިއަށް ކައިރިން ބަލައިގަތުމަށް ތިބޭ ތަނަކީ ދިގުމިގެ ދެ ފަރާތުގައި ހުންނަ ތަނެވެ.
352	ކަތަރަމާދޫ	ފ. ގޮނު	ހޯދި ހުސްވެގެންދާ	ދި ތަނުގެ ތެދުވެރިކަން ކަނޑައަޅާ ތާރީޚުން، ހޯދި ހުސްވެގެންދާ ތާރީ ފަށާ ތާރީ ދުވަހަށް ކަނޑައަޅާ ދުވަސްތައް ގުނާއިރު 150 ދުވަހެވެ. ދި ތަނުގެ ވަނަދިގަ 6 ދުވަހެވެ. 1966ވ. ވަނަ ތަނަށް ދި ކަތަރަމާދޫގެ ހޯދި ކަތަރަކަށް ކަނޑައަޅާ ތާރީ ހުސްވެގެންދާ ދުވަސްތަކުގައި ތަކެތި ގެންދިއުމަށް ބޯޓު ބޭނުންކުރާ ގޮތަކީ ދި ތަނުގެ ތެދުވެރިކަން ކަނޑައަޅާ ގޮތުގެ ތެރެއިން ކަނޑައަޅާ ގޮތެވެ.
353	ކަތަރަމާދޫ	ފ. ގޮނު	ކުރިޔަށް ހޯދި ހުސްވެގެންދާ	ހޯދި ހުސްވެގެންދާ ގ ފަހަރުގައި ކުރިއަށް ހޯދި ހުސްވެގެންދާ ތާރީ ކަތަރަމާދޫގެ ތެދުވެރިކަން ބަލައިގަތުމަށް ބޭނުންކުރާ ދަތި ކަންކަމެއް ކަނޑައަޅާ ގޮތެވެ. ދި ގ ފަހަރުގައި ކަތަރަމާދޫގެ ތެދުވެރިކަން ބަލައިގަތުމަށް ބޭނުންކުރާ ދަތި ކަންކަމަށް ބަދަލު ދެވޭ ގޮތަށް ކަނޑައަޅާ ގޮތެވެ. ދި ގ ފަހަރުގައި ކަތަރަމާދޫގެ ތެދުވެރިކަން ބަލައިގަތުމަށް ބޭނުންކުރާ ދަތި ކަންކަމަށް ބަދަލު ދެވޭ ގޮތަށް ކަނޑައަޅާ ގޮތެވެ.
354	ތަކަމު	ފ. ގޮނު	ދިވެހި	ދިވެހި ދަނޑިގަނޑުގައި ކަނޑައަޅާ ގޮތުގެ ތެދުވެރިކަން ބަލައިގަތުމަށް ކުރިއަށް ގެންދާ ގ ފަހަރުގައި ދިވެހި ދަނޑިގަނޑުގައި ކަނޑައަޅާ ގޮތުގެ ތެދުވެރިކަން ބަލައިގަތުމަށް ބޭނުންކުރާ ދަތި ކަންކަމަށް ބަދަލު ދެވޭ ގޮތަށް ކަނޑައަޅާ ގޮތެވެ. ދި ގ ފަހަރުގައި ދިވެހި ދަނޑިގަނޑުގައި ކަނޑައަޅާ ގޮތުގެ ތެދުވެރިކަން ބަލައިގަތުމަށް ބޭނުންކުރާ ދަތި ކަންކަމަށް ބަދަލު ދެވޭ ގޮތަށް ކަނޑައަޅާ ގޮތެވެ. ދި ގ ފަހަރުގައި ދިވެހި ދަނޑިގަނޑުގައި ކަނޑައަޅާ ގޮތުގެ ތެދުވެރިކަން ބަލައިގަތުމަށް ބޭނުންކުރާ ދަތި ކަންކަމަށް ބަދަލު ދެވޭ ގޮތަށް ކަނޑައަޅާ ގޮތެވެ. ދި ގ ފަހަރުގައި ދިވެހި ދަނޑިގަނޑުގައި ކަނޑައަޅާ ގޮތުގެ ތެދުވެރިކަން ބަލައިގަތުމަށް ބޭނުންކުރާ ދަތި ކަންކަމަށް ބަދަލު ދެވޭ ގޮތަށް ކަނޑައަޅާ ގޮތެވެ.

355	ﺑﻪﻧﺮﻧﺮﻩﺮ	ﻍ. ﻧﺮﺳﻪﺗﺮ	ﻧﺮﺳﻪﺗﺮ ﺷﺸﻎ ﻩﺷﺮﻧﺎﺧ	ﺣ ﻧﺮﻧﺮﻍ ﻧﺮﻧﺎﺮ ﻍﺮﻍﺮﻩﺮﻩ ﻧﺮﺳﻪﺗﺮ ﺷﺸﻎ ﻩﺷﺮﻧﺎﺧ ﺳﺮﺮﻧﺎﺮ ﺑﺎﺮﺗ ﻩﺮﻧﺮﻩﺮ ﺍﻩﻪﺮﺍﻩﻪﻍ. ﺣ ﻩﺮﻧﺮ ﺭﺴﺮﺳﺮﺑ ﻧﺮﻧﺮ ﻩﺷﺮﻩﺮ ﺳﻪﻧﺮﻧﺮﻩﺮﻍﺮﻩﺮ. ﺣ ﻩﺮﻧﺮ ﻩﺮﻧﺮﺳﺮﺑ 112 ﺗﺘﻎ. ﻩﺴﺷﺮﺳﺮﺑ 5 ﺗﺘﻎ 7 ﺍﺮﺷﻪﺍﻩﻍ. ﺣ ﻩﺮﻧﺮ ﺭﺑﺮ ﻧﺮﻧﺮ ﻧﺮﻩﺍﺮﻩﺮﻧﺮ ﻧﺮﺳﻪﺗﺮ ﺳﺮﺮﻧﺎﺮﺗﺮﺮﺮﺑ ﺭﺴﻪﻩﺮﻩﺮ. ﻧﺮﺳﻪﻍﻩﺮﺑﺎﺮ ﺗﺮﺗﺮﻍ ﺳﻪﻩﻩﺮ ﺣ ﻩﺮﻍﺮﺳ ﻩﺮﻧﺮﻩﺮ ﺳﻪﻩﻩﺮ ﺣ ﻩﺮﻧﺮﺳﺮﺑ ﺍﺮﺭﻪﺮﺳﺮ ﻩﻪﺮﺍﻩﻪﻍ. ﺣ ﻩﺮﻧﺮ ﻩﺮﻧﺮﺳﺮﺑ

358	ﺑﻪﻧﺮﻧﺮﻩﺮ	ﻍ. ﻛﺲ	ﻛﺪ ﺭﺮﻩﺒﻎ	ﺣ ﻧﺮﺯﻛ ﺩﺯﺑﺮﺣﺪﻛ ﻫﻮﺯﺯﻛﻪ ﻫﺸﺴﺮ ﺩﺰﺮﺱ ﺭﺱﺴﺮﻩﻛﻪ، ﻛﺪ ﺭﺮﻩﺒﻎ ﺳﺮﺩﺮﺑﺮ ﻳﺮﮒ ﻩﺴﻪﻛﺴﺮﻩ ﻩﻤﻨﺮﻩﺒﻎﻍ. ﺣﻪﻤﺴﺮﺱ 300 ﺗﺰﻎﻍ. ﻩﺴﻪﺣﺮﺴﺮﻩ 24 ﺗﺰﻎﻍ. ﺣﻪﻤﺴﺮﺱ ﺣﺮﺩﺱ ﻩﺒﺮﺩﺯﻛ ﺳﻪﻤﻪﺱﺴﮓﻩ، ﺗﺒﺮﻛﻪ ﺣﻪﻤﺴﺮﺱ ﺑﺮﻪﺯﻪﺭﺒﺮ ﻛﻩﻤﺰﺱﻪﻛﺗﻛ ﺳﻪﻤﻪﺱ ﺣﻪﻤﺴﺱ ﻛﻪﺱ ﻛﺒﺮﺱ ﺵﻪﻛﺱ ﺭﺯﮒﺗﻩﻍﺯﻩﻍ. ﺣﺮﻩ ﻩﺮﺯﻛﻪ ﻫﻪﻳﺴﻪﻉ ﺑﺮﺮﺱ ﻩﺗﻩﻍﺱﺒﻪﻩ ﺭﺒﺮ ﺳﻪﻤﺒﻪﻩﺮﺗﻩﻍ. 1922ﺣ. ﻛﻪﺱ ﻩﺮﺮﺒﺮ ﺣﻪﺴﻪﻤﺒﺮ. ﻩﺒﻤﻎ. ﺳﻪ. ﺑﺮ. ﻫﻤﺮ، ﺣﻪﻤﺴﺱ ﺗﺴﺱﻛﻪﺮﻛﻪ ﺑﺮﺑﮓﺳﻪﺗﻩﻩﺮﻩﻍ. ﻛﺮﻛﻩﻍﺳﻪ ﺣﺮﻩﺑﻎﺳﻪ ﺩﺮﺑﺮﻛﻪ ﺳﻪﻤﺱﻪﺑﺮﺗﺱ ﺱﻩﺩﻛﻪﺗﺱ، ﺳﻪﻤﺒﻪﻩﺮﻛﺮ ﻛﻪﻩﺗﻩﻩﻤﺒﺮﺱﺗﺴﺱ ﺩﺒﺮﺩﺯﻛ ﺳﻪﻤﻪﺱﺴﺱ ﺣﻪﻤﺴﺱ ﻩﺒﻩﻍﺯﻩﻍﻩﻍ. ﺣﻪﻤﺴﺱ ﻩﺒﺯﺱ ﻫﻪﻩﻩ ﻩﺒﺘﻩﻍ ﺳﻪﻍﺗﻛﺱ (ﺳﻪﺑﺮﻛﺱﺴﺗﻩﺮﺱ) ﺣﺮﻪﻩﺮ ﻫﻪﻛ ﻩﺴﻪﻛﺮﻩﻍ. 2000 ﻭﺱﺮ ﻩﺮﺮﺒﺮﻛ ﻉﻛﺮﺮﻩ ﺩﺮﺮﻛ ﻫﺒﺘﺮﻛﻩ، ﻛﺪ ﺭﻩﻩﻩﺮﻛﺮ ﻛﻪﻩﺗﻩﻩﻤﺒﺮ ﺗﺒﺮﺩﺱﻪﻩﺮﻩ، ﻩﺴﻪﻛﺮﻩﻩﺮﮒ ﺑﺮﮔﻩﺱ ﺗﺰﻉﺮﻛﻩ ﺩﺮﺮﺱﻪﺱﻪﺱ ﺩﺮﺱﻪﺮﻛ ﺑﺮﮒ ﺭﺯﮒﺗﻩﻍﺯﻩﻍﮒ ﻩﺒﺒﮓﺑ ﻫﻪﺱﻩ ﺩﺮﺑﺮﻛﻪﺱﻪﻩﺮﻩﻍ. ﻩﺮﺑ 2003 ﻭﺱﺮ ﻩﺮﺮﺒﺮ ﻩﺴﻪﻛﺮﻩﻩﺮ ﺩﺰﺮﻛﺗﻩﻩﺮﻛﻪ ﻩﺱ ﺩﺮﺑﺮﺗﻩﻩﺮﻩﻍ.
359	ﺑﻪﻧﺮﻧﺮﻩﺮ	ﻍ. ﻛﺲ	ﺩﺱﻪﻛﺮ	ﺣ ﻧﺮﺯﻛ ﺗﺒﺮﺱﺱﺮ ﺱﺮﺩﺮﺱﺮ ﺑﺮﮒ ﺭﺴﻪﻍﺯﻛ ﺩﺱﻪﻛﺮ ﺑﺮﮒ ﺭﺯﮒﺗﻩﻍﺯﻩﻍﮒ ﻩﺒﺒﮓﺑ ﻫﻪﺱﻩ ﻩﻤﻨﺮﻩﺒﻎﻍ. 1922 ﻭﺱﺮ ﻩﺮﺮﺒﺮ ﺣﻪﺴﻪﻤﺒﺮ ﻩﺒﻤﻎ. ﺳﻪ. ﺑﺮ. ﻫﻤﺮ، ﺣﻪﻤﺴﺱ ﻫﻪﻩﺮﻛﺮ ﺭﻩﻩﻩﺮﻛﺮﺯﻩﺮﻛﻪ ﻩﺒﺒﮓﺑ ﻫﻪﺱﻩ 1940 ﻭﺱﺮ ﻩﺮﺮﺒﺮ ﻉﻛﺑﺗﻩﺒﻎﻩﻍ ﺩﺱﺱﻛﺒﻛﺗﻩﻍﺯﻛ ﺣﻪﻤﺴﺱ ﺗﻩﻉﻛﻛﺒﻩﻩﺮ ﺑﺮﻩﺑﻎﻛﻪ ﻩﺒﺘﻩﻍﺯﻩﻍﻩﻍﺯﻩﺮ ﻩﺒﺘﻩﻍﺯﻩﻍﻩﻍﺯﻩﺮ ﻫﺸﺴﺮ ﻫﻪﻩﻩﻍ. ﺣ ﻛﻪﺱﻛﺮ ﺗﺒﺮﺱﺱﺮ ﺑﺮﺑﮓﺗﻩﻩﺮﻛﻪ ﻫﺮﺱﻛﻪﺱﻪ ﺭﻩﻩﻤﺒﺮﺱ ﺱﻪﻩﻩﻛﺱ ﻩﺒﺘﻩﻍﺯﻩﻍ. ﺣ ﻛﻪﺱﻛﺮ ﻫﻪﺑﺮﻛﻪﺱﻪﻩﺮﻩﻍ ﻛﻪﺱﻛﺮ.
360	ﺑﻪﻧﺮﻧﺮﻩﺮ	ﻍ. ﻛﺲ	ﻫﺮ ﺩﺮﻩﺴﻪﻤﻪ	ﺣ ﻧﺮﺯﻛ ﺩﺯﺑﺮﺣﺪﻛ ﻫﻮﺯﺯﻛﻪ ﻫﺸﺴﺮ ﺩﺰﺮﺱ ﺭﺱﺴﺮﻩﻛﻪ، ﻛﺪ ﺭﺮﻩﺒﻎ ﺳﺮﺩﺮﺑﺮ ﻳﺮﮒ ﻩﺴﻪﻛﺴﺮﻩ ﻩﻤﻨﺮﻩﺒﻎﻍ. ﺣ ﺣﻪﺴﻪﻤﻪ ﺭﺒﺮ ﺳﻪﻤﺒﻪﻩﺮﺗﻩﻍ. ﺣ ﺣﻪﺴﻪﻤﻪ ﺭﻩﻩﻩﺮﻛﺮ ﻛﻪﻩﺗﻩﻩﻤﺒﺮﺱﺗﺴﺱ ﺩﺮﺮﺒﺮ

	ޢާއިލާ	ދ. ގަސް	ގަދަރުވެގެން ހަސަދަ ކުރެވޭ ބަޔަކު	ހަމަހަމަ ކަމަށް ދެކޭ (ގަދަ ތަކެތި) ތަކެއް ހިލޭ ކަމުގައި ވާތީ ދުވަހަކު ކަނޑައެޅޭ ވަގުތަކަށް ކާނާ ހުއްދަ ދިނުމަށް ބޭނުންވާ ކަމަށް ދެކޭ ކަމުގައި ވާތީ ކާނާ ހުއްދަ ދިނުމަށް ކުރިން ކާނާ ހުއްދަ ދޭ ބަޔަކު

363	ތިލައްގޮތް	ގ. ތިމާއްދޫ	ތިމާއްދޫ ގައުމީ ލައިބްރަރީ	ތިމާއްދޫ ގައުމީ ލައިބްރަރީ ތިބެނީ ކިޔެވުންތަކާ ގުޅުންހުރި ބައެއް ކަންކަމުގައި ކަންބޮޑުވެ ދަތިވެ ހުންނަ ބައެއް ފަރާތްތަކަށް ކިޔެވުމުގެ ކަންކަން ފުރިހަމަ ކުރުމަށް ކަނޑައަޅާ ތަނެއް ކަމަށް ވާ ކަމަށާއި، ލައިބްރަރީ ހިންގަންފަށާ ތާރީޚު ކިޔާ ބަޔަކު ލައިބްރަރީ ގެ ލިޔެކިޔުންތަކާ ގުޅުންހުރި ކަންކަމުގައި ދަތިވެ ހުންނަ ބައެއް ތަކަށް ލައިބްރަރީ ގެ ލިޔެކިޔުންތަކާ ގުޅުންހުރި ކަންކަން ފުރިހަމަ ކުރުމަށް ލައިބްރަރީ ގެ ލިޔެކިޔުންތަކާ ގުޅުންހުރި ކަންކަން ފުރިހަމަ ކުރުމަށް 300 ތަކުގެ ގާތަށް ސަތަ ތަރަން ވަދެގެން ހުންނަ ކަމަށް 1195ވ. ގައި ލިޔެވިފައިވާ ތިމާއްދޫ ފުލާގާ ތަނަވަސް ތަރުވައިގެ ގާތުގައި ތަ ފުލާގާ ތަނަވަސް ތަރުވައިގެ ގާތުގައި ކަ ކަ ކަ

368	ﻫﺳﮕ	ﻉ. ﺡﺵﺵ	ﮒﺳﻪﺑ ﻍﻭﺭ	ﺡ ﻫﻮﺵﻍ ﮔﻮﻱﻮﺳﻉﻮﺭ 120 ﷺ ﺵﺭﺵﻮﺭﻫ، ﻭﺵﺭﺵﺵ ﺭﻮﺭﻫﺯﻭﺭﻫ ﺭﻫﺭ ﻭﻮﺭﺵ ﻱﺳﺭ ﺥﮒﺵﺵﻭ ﻍﻍﻍﻫ ﺍﻫﻮﺭﻫﺵﻍ. ﺡ ﻍﻭﻭﺭ ﻭﻮﺭﺵ ﺭﺭﻫﻭﻱﺵﺵ ﺭﻮﺭﻫﺯﻭﺭﻫﻮﮒ ﻍﻍﻍﺵ. ﻍﻍﻍ ﻫﺵﺭﻍﻫﻭ ﺍﻫﻮﻫﺵﺵﻭ ﻍﺵﺵﻫﺡﺭ ﻱﺥﻮﺭﻫ (ﻍﺯﮒ ﻫﺵﺭﻫﻮﺵﺍﻫﺵ ﺳﻪﺯﻫﺯﻭﺭﻫ) ﺭﺭﻱﻮﺯﺵﺵ ﺵﺳﻱﻫﺯﻫﺯﻭﮒ ﻫﻮﺭﻱﺍﻫ ﺍﻫﻮﺭﻫﺵﻍ. ﻫﻮﺭﺭ ﺍﻫﻫ ﺯﻮﮒﻫﻭﻮﻫ ﻍﻭﻮﺵ ﺯﻮﺭﻫﺯﻭﻫﻮﺵﺍﻫﻍﺳ ﺍﻫﻮﺭﻫﺵﻍ. 2004 ﻭﻮﺳ ﻫﺭﻮﺭﻫﺯ ﻱﺳﻍﻭﻮﻫﺯ ﻭﺭﺯﻱ ﻫﻮﺵﺵﻫﺭﻫ ﮒﻫﻫﻱﻫﺭﺵ ﺭﺭﮒﻭ ﺳﻪﮒﺭ ﮒﻮﺭﻫﺯﻭﻫ ﻭﻮﺭﺵ ﻱﻫﻫﺵ ﺵﻮﺭﻍﻭﻫﺯ ﻫﻮﺭﻱﺍﻫ ﺭﻫﻭﺵﻍ. ﻫ ﺯﺭﺳﻪﻱﻫﺭ ﺭﻫ ﻭﺳﺯ ﻱﻫﻫﺵ ﺯﻮﺭﻫﺯﻭﻫﻮﺵﺍﻫﻍﺳ ﺍﻫﻮﺭﻫﺵﻍ. ﻫﻮﺭﺭ ﺍﻫﻫ ﺯﻮﮒﻫﻭﻮﻫ ﻭﻮﺭﺵ ﻱﻫﻫﺵ ﺵﻮﺭﻍﻭﻫﺯ ﺭﻫﻭ

373	ތިލާފާތް	ނ. ފަތުރު	ތަފްޞީލު ދިނުމުގެ (ފަތުރުގެ ދިނުމުގެ)	
374	ގައުދަފުރާ	ނ. ފުވަތް	ފުވަތުގެ ކޮށަވަހަށް/ފުވަތުގެ ކޮށަވަރ	ދިވެ ދިރުމަށް ބޭނުންވާ ކާނާ ތަކެއް ލިބިގެންދާ ގޮތަށް ހަމަ ކުރުމަށް ކުރާ ކަންތައް. ދަތުރުގައި ދިރުން ދުވަހުގެ ތެދުވެ ދިޔަ ގަޑި ކަމުގައި ވާ ގޮތަށް ދުވަހުގެ ތެދުވެ ދިޔަ ގަޑި ކަމުގައި ވާ ގޮތަށް 100 ބަރަކާތްތެރި ކަމާ ދުވަހުގެ ކާނާ ތަކެއް ލިބިގެންދާ ގޮތަށް ހަމަ ކުރުމަށް ކުރާ ކަންތައް. ދިވެ ދިގުވަން ދުރ ބަސް ބުނާ ބަހެއް ދަންނަ ގޮތަށް ދަންނަ ބަހުގައި ދެންނެވުން. ފުރުސަތު ލިބިގެންދާ ގޮތަށް ބަދަލު ދިނުމަށް ކުރާ ކަންތައް. ފުރުސަތު ލިބިގެންދާ ގޮތަށް ބަދަލު ދިނުމަށް ކުރާ ކަންތައް. ދިވެ ދިގުވަން ދުރ ބަސް ބުނާ ބަހެއް ދަންނަ ގޮތަށް ދަންނަ ބަހުގައި ދެންނެވުން. ފުރުސަތު ލިބިގެންދާ ގޮތަށް ބަދަލު ދިނުމަށް ކުރާ ކަންތައް. ދިވެ ދިރުމަށް ބޭނުންވާ ކާނާ ތަކެއް ލިބިގެންދާ ގޮތަށް ހަމަ ކުރުމަށް ކުރާ ކަންތައް. ދަތުރުގައި ދިރުން ދުވަހުގެ ތެދުވެ ދިޔަ ގަޑި ކަމުގައި ވާ ގޮތަށް
375	ތިލާފާތް	ނ. ފުވަތް	ފުވަތުގެ ބޮޑުކަމުގެ ދިނުމުގެ/ބޮޑުކަމުގެ ދިނުމުގެ	ދިވެ ދިރުމަށް ބޭނުންވާ ކާނާ ތަކެއް ލިބިގެންދާ ގޮތަށް ހަމަ ކުރުމަށް ކުރާ ކަންތައް. ދިވެ ދިރުމަށް ބޭނުންވާ ކާނާ ތަކެއް ލިބިގެންދާ ގޮތަށް ހަމަ ކުރުމަށް ކުރާ ކަންތައް. ދަތުރުގައި ދިރުން ދުވަހުގެ ތެދުވެ ދިޔަ ގަޑި ކަމުގައި ވާ ގޮތަށް ދުވަހުގެ ތެދުވެ ދިޔަ ގަޑި ކަމުގައި ވާ ގޮތަށް 100 ބަރަކާތްތެރި ކަމާ ދުވަހުގެ ކާނާ ތަކެއް ލިބިގެންދާ ގޮތަށް ހަމަ ކުރުމަށް ކުރާ ކަންތައް. ދިވެ ދިގުވަން ދުރ ބަސް ބުނާ ބަހެއް ދަންނަ ގޮތަށް ދަންނަ ބަހުގައި ދެންނެވުން. ފުރުސަތު ލިބިގެންދާ ގޮތަށް ބަދަލު ދިނުމަށް ކުރާ ކަންތައް. ދިވެ ދިރުމަށް ބޭނުންވާ ކާނާ ތަކެއް ލިބިގެންދާ ގޮތަށް ހަމަ ކުރުމަށް ކުރާ ކަންތައް. ދަތުރުގައި ދިރުން ދުވަހުގެ ތެދުވެ ދިޔަ ގަޑި ކަމުގައި ވާ ގޮތަށް

376	ގަސްތަށް	ތ. ފޮތް	ފޮތް ކިއާ/ ފޮތް ކިނުމަށް	ފިލާ ކިއާ ކަނޑާ ދެ ކަނޑާ ދެމެދު ހުންނަ ދަށުގައި ހުންނަ ދަށުގައި ހުންނަ ދަށުގައި

379	ﺑﻪﻧﺮﻧﺮﻣﺮ	ﻭﻫ. ﺗﺮﻣﻮﻗﺮ	ﺭﻣﻮﻧﺮﺳﺪ	ﺭﻣﻮﻧﺮﺳﺪ ﺳﺮﻧﺮﻧﻮﻏﺮﻭﻫ ﻣﻮﺷﻮ ﺩﺭ ﻧﺮﻧﺮ ﺭﺭﻧﺮﺩ ﺭﻣﻮﻧﺮﻧﺮﻫ ﺗﺴﺪﺗﺮﺗﺮ 485 ﺗﺘﺢ ﺗﺮﻧﺮﺩﺷﺮﻧﺮﻫ ﻫﻫﺮﻣﻮﻏﻮ. ﺩﺭ ﻣﻮﺷﺮ ﺩﺷﻣﻮﻧﺮﻫ ﺑﺮﻧﺪﺩﺷﺮﻧﺮﻫ 96 ﺗﺘﺢ، ﺭﻧﺮﺩﺷﺮﻧﺮﻫ 64 ﺗﺘﻏﻮ. ﺭﻣﻮﺩﺷﺮﻫ 4 ﺗﺘﻏﻮ. ﺩﺭ ﻣﻮﺮ ﺑﺮﺭﻧﻮﺷ ﻧﺮﺮﻣ ﺗﻮﻣﻮﻧﺮ 116 ﺗﺘﺢ ﺑﺮﺩ، 52 ﺗﺘﺢ ﺭﻧﺮ، 4 ﺗﺘﺢ ﺭﻣﻮ ﻣﻮﺷﻮ ﻫﻫﺮﻣﻮﻏﻮ. ﺩﺭ ﻮﻧﻪﻧﺮﻫﻫﺮﻧﺮﻫ ﻫﺮﻧﺮ ﺭﻣﻮﻧﺮﻮﻫ ﻭﻮ ﻫﻫﺮﻣﻮﻏﻮ. ﺩﺭ ﻣﻮﺷﺮ ﺑﺮﺩﺷﺮﻫ 69 ﺗﺘﻏﻮ. ﺭﻧﺮﺩﺷﺮﻫ 47 ﺗﺘﻏﻮ. ﺭﻣﻮﺩﺷﺮﻫ 4 ﺗﺘﻏﻮ.	ﺭﻣﻮﻧﺮﻫ
380	ﻫﺮﺭ	ﻭﻫ. ﺗﺮﻣﻮﻗﺮ	ﺭﻣﻮ ﻣﻮﺷﻮ	
381	ﺑﻪﻧﺮﻧﺮﻣﺮ	ﻭﻫ. ﺗﺮﻣﻮﻗﺮ	ﺭﻣﻮﻧﺮﻮﻫ	ﺩﺭ ﻧﺮﻧﺮ ﺭﺭﻧﺮﺩ ﺭﻣﻮﻧﺮﻫ ﻫﻫﺮﻣﻮﻏﻮ ﻮﻮ ﻫﻫﺮﻣﻮﻏﻮ. ﺩﺭ ﻣﻮﺷﺮ ﺩﺷﻣﻮﻧﺮﻫ ﺑﺮﺩﺷﺮﻫ 120 ﺗﺘﺢ، ﺭﻧﺮﺩﺷﺮﻫ 49 ﺗﺘﻏﻮ. ﺭﻣﻮﺩﺷﺮﻫ 4 ﺗﺘﻏﻮ. ﺩﺭ ﻣﻮﺮ ﺭﺮﺷﺮﺮ ﺗﺴﺪﺗﺮﺗﺮ 385 ﺗﺘﺢ ﺗﺮﻧﺮﻫﻮ.
382	ﺑﻪﻧﺮﻧﺮﻣﺮ	ﻭﻫ. ﺗﺮﻣﻮﻗﺮ	ﺭﻣﻮﻧﺮﻫ	
383	ﻫﺮﺭ	ﻭﻫ. ﺗﺮﻣﻮﻗﺮ	ﺗﺮﻣﻮﻗﺮ ﻫﺮﻮﺮ ﺩﺮﻮﻫ	ﺩﺭ ﺩﺮﻮﻫﻮﺮ ﺗﺮﻣﻮﻗﺮ ﺗﻪﻧﺮﻮﻫﻮﺮ ﺩﺮﻮﻫﻮ ﺗﻮﻧﺮﻮﻫﻮ ﻫﻫﺮﻣﻮﻏﻮ ﻫﺮﻮﺮﻮﻫﻮﺮ ﻫﻫﺮﻣﻮﻏﻮ ﺭﻮﻫﻮ ﺭﻮﺮ ﻫﻮﺮﺮ ﺩﻮﻫﻮﺮ (ﺗﺮﻣﻮﻗﺮ ﺮﻮﻮﻏﺮ) ﻫﻮﺮﻮ ﺩﺮﻮﻫﻮﺮ ﻫﻫﺮﻣﻮﻏﻮ. ﺩﺭ ﺩﺮﻮﻫﻮﺮ ﻫﻫﺮﻣﻮﻏﻮ ﺭﻮﻫﻮ ﻫﻫﺮﻣﻮﻏﻮ ﺗﻪﻧﺮﻮﻫﻮﺮ ﻫﻫﺮﻣﻮﻏﻮ. ﺩﺭ ﺩﺮﻮﻫﻮﺮ ﻫﻫﺮﻣﻮﻏﻮ ﺭﻮﻫﻮ ﻫﻫﺮﻣﻮﻏﻮ ﺗﻪﻧ

386	ދިވެހި	ބަހަރުދުނ	ކުރިއަށް ގެންދާ	ދިވެހި ބަހަކީ ދިވެހި ރައްޔިތުންގެ ދަރިންނާ ދެކޮޅަށް ދެ ބަސްދާ ބަހެއް ކަމުގައި ވާ ނަމަ،

392	ދިގު	ފ. ހިތަދޫ	ކުރިފުށި ހުޅުވި ހިސާބުގެ	ހިނިތުންވާ ދަތުރުތަކެއް ހިނގާ ކަށަވަރުގައި ހަނދާންކުރަންވާ 100 ބަލަހައްޓާ ހިނގާ ދަތުރުތަކެއް ކަމަށް ވަންނަ ކަމަށް ދެކެ ދެކެ

396	ﺑﻪﻣﺮﻫﻘﺮ	ﻛﻪ. ﺣﻨﻮﻫﻘﺮﻏ	ﮔﺴﻪﺭ ﺳﻪﻣﺮﻣﻫﻘﺮﻫ	ﻛﻪﺭ. ﺣﻨﻮﻫﻘﺮﻏ ﻫﺮﻩ ﺣﺮﺭﻩﻭﺴﻪ ﺗﻪﺑﺮﻩﺣﺪ ﻉﻪﺑﺮﻩﻭﺣﺮﺳﻪﺳ ﺷﻪﺑﺮﻩﺷﻪﺳﻪﺳﺮﺳ ﻫﻨﺮﺑﻪﻉ ﻫﻪﺭﻩﺑﻪ ﺑﺮﻩﻭﺳﻪﺳﻪﺳﻪﺳ 2008 ﻭﻪﺳ ﻫﺮﻣﺮﻉ ﻉﻪﺳﻪﺣﻪﺳ ﺣﺮﺭﻉ ﻫﻨﺮﻩﻉ ﺑﺮﻪﺳﻪﻉﻫﻉ ﻣﻪﻣﻪﻫﻪ ﻫﻪﻣﻪﻫﻨﻪ ﻣﻪﻣﻪﻫﻨﻪ ﻣﻪﻣﻪﻫﻨﻪ ﻣ

399	ﺑﻪﻣﺮﻣﺎﻫﺮ	ﻭ.ﻣ. ﻭﻳﺮﻣﻴﺮ	ﻭﻴﮕﺮﻭﻭﻣﻮﮔ ﻫﻴﮕﺮﻫﻪ	ﻣﺮﻣﺮﻭ ﻣﻮﻣﺮﻭ ﺳﻪﻣﺮﻣﺮﻫﻤﺮﻭﻣﻪ ﻭﻴﮕﺮﮕﺮﻭﻭﻣﻮﮔ ﻫﻴﮕﺮﻫﻪ ﻫﻪﻣﺮﻫﻪﻫﻪﻭ. ﺣﻪ ﻣﻮﻣﺮﻭ ﻭﻣﺮﺣﻴﻤﺮﻭﻣﻪ 32 ﻣﻮﻣﻮ ﻣﻮﻣﺮ ﻫﺴﻪﺣﻴﻤﺮﻭﻣﻪ 5 ﻣﻮﻣﻮ ﻣﻮﻣﺮﻭ. ﺣﻪ ﻣﻮﻣﺮﻭ ﻫﻪﻫﻪ ﻭﻪﻣﻪ ﻭﻪﻣﻪﻫﻴﻤﻪ ﻣﻪﻣﻪﻫﻪﻭ. ﺣﻪﻣﻪ ﻫﻪﻫﻪﻣﻮﻣﻮﻫ

403	ﺑﻪﻧﺮﺭﻩﻣﺮ	ﻭﺮ. ﻛﺴﻢ	ﻛﺪﺩ ﺭﻭﻭﻣﻪﻣﻪ	ﻧﺮﺭﺩ ﺩﻣﺮﺭﺩﻭﺭ ﻛﺪﺩ ﺭﻭﻭﻣﻪﻣﻪ ﻳﻮﻣ ﻣﺴﻮﺳﻴﻪ ﻣﻪﺭﻣﻪﻣﻪ. ﺣ ﻣﻪﺳﺮ ﻭﺮﺭﺣﺴﺮﻭﻣ 240 ﺗﺮﻣ ﻣﻪﺭ ﻣﺴﻮﺣﺴﺮﻭﻣ 60 ﺗﺮﻣ ﺭﻧﺮﻣﺮ. ﺣ ﻣﻪﺳﻢ ﺭﻣﺮ ﻭﺮﻧﺘﻨﻢ ﺭﻩﺮﻣﻪﻣﻪﻢ ﺭﻩﺮﻧﺘﺮﻭ. ﻧﺮﻭﻩﻣﻪﻣﻢ ﺭﻩﻣﻪﻣﻪﻢ ﻣﻨﻢ ﻛﻪﻣﺮﻭ. ﺣ ﻣﻪﺳﻪﺭ ﻫﻪﺮﻣﻪﻣﻪ ﻗﻨﻨﻣﻪﻣﻪ ﻫﺮﻣﻪﻣﻪ. ﺣ ﻣﻪﺳﻪﺭ ﻭﺮﻧﻪﺭﻣﻪﻣﻪ ﻣﻪﻣﻪ ﻣﻪﻣﻪ

408	ތިލާދަންފޮ	ވ.ތ. ފުރަތަމަ	ހުކުރު ހިންގުން	ހިނދުގައި ހިންގަންޖެހޭ ފުރަތަމަ ހުކުރު ކުރިއަށް ގެންދާ 2 ހަފްތާ ހުކުރު ހިންގަންދެވޭ. ތިލާދަންފޮ ދަރުމަ ދަރަނި ދައްކާ ބޭންކުގެ ތަފާތު ގާތްގަނޑުގައި ހުންނަ ދަރަނި ދައްކާ ބޭންކުގެ ތަފާތު ގާތްގަނޑުގައި ހުންނަ 40 ވަތަނުގެ ފުރާނަ ދަރަނި ދައްކާ ބޭންކުގެ ތަފާތު ގާތްގަނޑުގައި ހުންނަ 18·6×29 ފުޅާއިން. ފުރަތަމަ ހުކުރު ހިންގަންދެވޭ ތަނަކީ ތިލާދަންފޮ ކަނޑުގައި ހުންނަ ދަރަނި ދައްކާ ބޭންކުގެ ތަފާތު ގާތްގ

413	ﺑﻪﻣﺮﻣﺪﺭ	ﺩﺭ. ﷺ	ﻣﺪﻫﺴﻰ	ﺩﺭﻣﺮﺩﻯ ﺧﺪﺧﻮﺷﺮﻩ ﻫﺪﻯﻩ 128 ﷺ ﻣﺮﻣﺪﺳﺮ ﺭﻣﺮ، ﻣﺪﻫﺪﺳﺮﻩ 15 ﷺ ﺭﻣﺮ ﺫﺭﺭﺳ ﻣﺪﻫﺴﻰ ﺳﻰﺫﻫﻮﺩﻫ ﺫﻫﻰﺭﻫﺪﻫﻮ. ﻫﺮﻮﻣﻫﻫﺷﻮﺳ ﺩﺭﻰﻫﺪﻣﺮ ﻫﻮﺷﺮﻩﺮﻮ ﺩﻮﺟﻮﺭ 1989ﺩ. ﻯﻫ ﺩﻮﻫﻮﻫﻯﻫﺰﻫﻫﺮﻭ ﺷﻮﻫﻯﻩ، ﺩ ﺧ ﻫﻮﻣﺮﻩﻮﻫ ﺧ ﻫﺴﻫﻮﺷﻮﻫ. ﺩﺧﺮﻫﻮﺳ ﺫﻫﻫ ﺩﺴﻫﺷﻫﺫﻫﻯﻫ ﺭﻣﺮ ﻫﻮﻣﺮﻩ ﷺ ﺭﻣﺮﻣ ﺩﺴﻩﻫﻮﻫ. ﺩ ﻫﻮﻣﺮﻩ ﺮﻣﺮﺳ ﻫﻮﺷﻫﺰﺴﻮﻫﺰﺴﻮﺷ ﻫﻫﺰﻫﻫﺮﻫﺰﻯﻫ ﺮﻫﻫﺰﻫﻮﺷﻮﻫ. ﻫﺰﻫﺮﻫ ﺩﺴﻫﻮﻫﻮﻫﺮﻫ ﻫﻫﻫﺰﻫﻫﺮﻫﺰﻯﻫ ﺮﻫﻫﺰﻫﻮﺷﻮﻫ. ﺩ ﻫﻮﻣﺮﻩﻮﻫ ﺷﻫﺰﻫﻫﺮﻫﺰﻯﻫ ﺮﻫﻫﺰﻫﻮﺷﻮﻫ. ﺩ ﻫﻮﻣﺮﻩﻮﻫ ﺫﻫﻰﺭﻫﻮﺳ ﺩﺴﻫﻮﻫﻮﻫﺰﻯ ﺮﻫﻫﺰﻫﻮﺷﻮﻫ ﺩ

414	ތިލާދުންމަ	ކ.ގ. ގޮޅި	ހުޅުވި ފިހާރަ	ދިގު 59×23 ފޫޓުގެ ތެރޭގައި 03 ބަދަލު ބޭނުންކުރެވޭ ގޮނޭ 03 ބަދަލު ބޭނުންކުރެވޭ ގޮނޭ ތަކެއް ހުންނަ ގޮނޭ ކާމިލް ކުރެވިގެންވާ ގޮނޭ ތަކެއް ހުންނަ ގޮނޭ ތަކެއް ހުންނަ ގޮނޭ ތަކެއް ހުންނަ

416	ފިހާރު ވަޒުއުފާރު ތަންތަން	ބޮލި ފާހަގަ	ބޮލި ފާހަގަ	ބޮލި ފާހަގަ ކުރުމުގެ ކުރިން ތިމަންނަ ދަންނަ ކަމަކީ ކޮންމެ ފަރާތަކުން ބޮލި ފާހަގަ ކުރާ ކަމަށް ބުނާ ކަމަށް ވާ ކަމަށް ދެކޭ ކަމަށް ވާ ކަމަށް ދެކޭ ކަމަށް ވާ ކަމަށް ދެކޭ

419	ﺑﻪﻣﺮﻣﺎﻫﺮ	ﺱ. ﻧﻮﻣﺎﺩﻫﺮﻫ	ﺭﻪﻭﺎﻫﻪ 1	ﺣ ﻣﺮﺭﻧ ﺍﻫﻮﻣﺮﻧﮕﻪﻫ ﺗ ﺳﻲﺗﺮﺭﺱ ﮔﻮﻭﻪﺳﻲﺀﻣﺮﺱ 448 ﺗﻮﺗﻪ ﻓﺮﻣﺮﺣﺮﺷﺮﻫ ﺭﻪﻭﺎﻫﻪ ﻳﺎﮒ ﻫﻮﺷﺎﻫ ﺍﻫﻪﺭﺍﻫﻪﻏﻮ.ﺣ ﻫﻮﺷﺮﻧ ﻩﻩﻧ ﻭﻪﺭﺣﺮﺷﺮﻫ 230 ﺗﻮﺗﻪ ﺭﻣﺮﺍﻫﻮ. ﺣﻪﻭﻧ ﻭﻪﺭﺣﺮﺷﺮﻫ 175 ﺗﻮﺗﻪ، ﻫﻪﺭ ﺍﻫﻮﺣﺮﺷﺮﻫ ﮔﻮﻭﻪﺳﻲﺀﻣﺮﺱ 60 ﺗﻮﺗﻪ ﺭﻣﺮﺍﻫﻮ. ﺣ ﺳﻪﻣﺮﻣﺎﻫﻪﻓﺮﻫ ﺣﺍﻫﺮﻧﻮﻣﺮ ﺭﻪﺭ ﮒﻪﻏﻲﺭ ﻫﺴﻮﻫﻪﻫ ﺍﻫﻪﺭﺍﻫﻪﻏﻮ. ﺣ ﺭﻪﻭﺎﻫﻪ ﻭﻪﺭ 1922ﺩ. ﻭﻪﺭ ﻫﺮﺭﻣﺮ ﺩﻫﺮ. ﺍﻫﻮﻫ.ﺳﻲ.ﭘﻲ. ﻫﻮﻣ ﻫﻪﻫﺮﻭﻪ ﺣﺮﻧﮕﺴﻮﺭﻣﺮﻫﻪﻫﻪﺭﻭﻫﺮﻭﻪﻏﻮ. ﺳﻪﺭﻫﻪﻭﺴﻪ ﺣﺮﻩ ﺳﻪﺍﺴﻪﻫﻲﺭﻳﺮﻣ ﺣﺮﻧﮕﺴﻮﺭﻣﺮﻫﻪﻫ ﻣﺮﺷﺮﻧ. ﺣﺮﻫﻪﺭﻫﻪﺭﻫ ﻫﻪﻭﻣﺮﺳﻲﺭ ﻭﻪﺭ 1940ﺩ. ﻫﻪﺍ ﮒﻪﻭﻣﺮﻫﻪﻭﻫﻪﻫ ﻫﻪﻫﻪﻧ ﻫﻪﻫﻪﻭﻫﻪﻫﻪﻫﻪﺭﻫﻪﻫﻪﻫﻪ

421	ތިލާނ ގ. ފުވައްޅަށް	ގެންދާ ކަންކަމުގެ	ދިރާސާ ކުރުމަށް ބޭނުންވާ ތަކެތި ހޯދުމަށް ފަސާރަ ބަލައި ބަލައި ދިރާސާ ކުރުމަށް ބޭނުންވާ ތަކެތި ހޯދުމަށް ފަސާރަ

423	ތިލަދުންފަ	ކ. ގުޅަހުދޫ	ކުއްލި ހިނދަކު	ހިނދަކު ހިނދަކު ކަނޑައަޅާ ކަންތައް ކުރުމަށް ހުއްދަ ދިނުމާ ގުޅިގެން ކަނޑައަޅާ ގޮތް ކަނޑައަޅާ ގޮތް ކަނޑައަޅާ ގޮތް

426	ﻪﺳﺮ	ﺱ. ﯗﻭﻫﺪﺣﺮﻫ	ﻭﺮﺭﻭﺗﺮ	ﺡ ﺮﺮﻭﻣﻫ ﻭﺮﺭﻭﺗﺮ ﺭﻫﺮﺣﺮﺸﺪﻍ ﻭﻭﻫ ﻫﻫﺮﻫﻭﻭ. ﺡﻪ ﻭﺮﺮﻫ ﺭﻪﺮﻫﻫﺮ، ﻭﺮﻫﺮﻫ ﺮﻫﺮﻫﻭﺰﻫﺮﻩ ﻭﻭﻫﺮﻫﻭ. ﺡ ﻭﻭﺮﻪ ﻫ ﻩﺮﺮﻫ ﺭﻪﺮ ﺡﺮﻩﺮﻫﻭﻫﺪﻍ ﻭﻭﻭﻫﻭ. ﺡ ﻭﻭﺮﻪ ﺭﺮﺮﻫ ﻭﺮﻩ ﺮﺮﻫﺰﻫﺮ ﻫﻩﺮﻫﺰﻫﺮ ﺰﺮﻫ ﺮﺮﻫﻫﻫﻫﺮﻫﻭﺰﻫﻭ. ﻭﺮﺮﻭﻭﺮﻪ ﺪﻩﻩﻫ ﻭﺮﻫﻫﺮ ﺮﺮﻫﻭﺮﻩﺮﻫ ﻭﻭﺮﻭﻫﺮﻫ ﺮﺮﻫﻭﻫﻭ. ﺡﻭﻭﺪﻫ ﻭﺮﻫﺮﺰﻫ ﻫﺮﻫﺮﻫ ﺮﻫﺮﻫﻫﻫﻫ ﻫﻫﺮﻫﺮﻫ ﻫﻫﺮﻫﻫﻫﻫ ﻫﻫﺮﻫﻫﻫﻫ ﻫﻫﺮﻫﻫﻫ

433	ތިފާނީ	ފ. ފުވައްޓަކު	ފުރާނަ ލިޔުމުގެ	ފުވައްޓަކު ތަކެއްގައި ހުންނަ ފުރާނަ ލިޔުމުގެ ތެރެއިން ތަކެއް، (1692ވ. - 1701ވ. ތާރީ) ގެނުގ. ތާރީހުގައިވާ ދުނިޔެއަށް ތަޢާރަފްވާ ތާރީ (1903ވ. - 1933ވ. ތާރީ) ދ ލިޔުމުގައި ބަޔާންކުރާ ގޮތަށް ދ ލިޔުމުގެ ކުރިން ދިވެހި ބަހުގެ ތާރީހުގައި ކަންކަމާ ގުޅުންހުރި ތަކެއް ދަންނަވާ ކަމަށް ވާތީ ތާރީހުގެ ކިތާބުތަކުގައި ގެ ތާރީހުގައި ކ ކަމަށް ވާ ކަންކަމާ ގުޅުންހުރި ތަކެއް ދަންނަވާ

438	ﺑﻪﻧﺮﻧﺮﻫﺪﺗﺮ / ﻫﻪﺷﺮ	ﺳ. ﻛﺴﺘ	ﺭﺳﻜﺮﺗﺮ ﺗﺴﺘ ﺗﻮﻛﺮ ﺩﺩﺗﻜﺮﻫﺮﺗﻮ/ ﺗﺮﻭﻛﺮ ﺷﺪﻩ ﺭﻛﺴﺪﺭﺭﻛﺮﺩﻯ ﺗﻮﻛﺮ ﺩﺩﺗﻜﺮﻫﺮﺗﻮ	ﺟﺮﻩ ﻫﺮﻛﺮﺩﻯ ﺳﻪﺭﺳﺪﺭﺭﻛﺮﺩﻯ ﻣﻪﻫﺮﺭﺳﺘﺮﻭﺭﺭﻩ ﻣﻪﺷﺮﺩﻯ. ﺟﺮﻩ ﺗﺮﻭﻛﺮ ﺷﺪﻩ ﺭﻛﺴﺪﺭﺭﻛﺮﺩﻯ ﻫﻪﻫﺮﺩﻩﺗﺮ ﻛﺪﺩﻛﺮ ﺩﻛﺪﻫﺮﺩﻩﺗﺮ ﻫﻪﺷﺮﺩﻯ. ﺟﺮﻩ ﺗﺮﻭﻛﺮ ﺷﺪﻩ ﺭﻛﺴﺪﺭﺭﻛﺮﺩﻯ ﺗﻮﻛﺮ ﺩﺩﺗﻜﺮﻫﺮﺗﻮ

442	ﻩﺳﺮ	ﺱ. ﺯﻣﺮ	ﻫﻤﻪﺓ ﻫﺴﻤﺮﻣﺮ	ﺯﻣﺴﺰﺮﺭﻱ ﻣﺮﻭﺱﻮﻭﻣﺮ ﺭ ﻫﺴﻤﺮﻣﺮﻭﺯﻩﺭ ﺯﻣﺴﺰﺮﺭﻩﻱ ﻫﻤﺰﺴﻤﺮ ﺯﻣﺮﻣﺮ ﻭﻣﺮﻣﺮ ﻱﺴﺮ ﻫﻤﺰﻭ. ﺭﺮﻱ ﻣﻴﺮﺭﻩﻱ ﺳﻮﻣﺮﻣﺮﻭﺯ، ﺳﻮﻫﺮﺱ ﻫﻤﺮﻳﻪﻫﻪﻭ، ﻣﺮﻳﺮﺱﺱﻮ ﻫﺮﻭ ﻭﻭﻭﺱﻮ ﺯﻣﺮ ﻫﺮﻳﺮﺱﺱﻮ ﻣﺮﻳﺮﻭﺮﻫﻪﻫ ﻭﻫﻤﻭ. ﺯﺱﺳﺮ ﺳﺮﻣﻤﺮﻭ ﻫﻤﻴﺰﻭﻫﺮﻫﺮﺱﺮ ﻭﻣﺮﻭﻭﺱﺮ ﻫﺮﻭ 4 ﺳﺮ ﺳﺮﻣﻭﺱﺮ ﺷﻭﻣﺮﻭﺯﺮﻣﺮﺱﺮ ﺱﺮﻭﻣﺮﻭﺭ ﺯﻣﺮﺱ ﻫﻭﺱﺮﺳﺮﻭﺯ ﻫﻤﻭ. ﺭﻣﺮﻭﻫﻭ ﻭﻫﻤﻴﺰﻭﻫﺮﻫﺮﺱﺮ ﺭﻣﺮﻭﺯﻫﻭﺱﺮ ﺯ ﺯﻣﺮﺯﻫﻭﺱﺮﻫﻭ. ﺭﻫﺮﻣﺮﺯﻫﻭ ﺯﻣﺮﺱ ﺯﻫﺮﺱﺮﺱﺮﻭ ﻫﻤﻭ. ﻫﻤﻴﺰﻭﺱﺮ ﻭﻣﺮﻣﺮﻭﺯﻫﻭﺱﺮ ﺯﻣﺮﺱ ﺯﻫﻤﺮﻭﺯﻫﻭﺱﺮ ﺯﻫﻭ ﺳﺮ ﺳﺮﻣﻭﺱﺮ. ﺭ ﺳﺮ ﺳﺮﻣﻭﺱﺮ ﺯﻫﻤﺮﻭﺯﻫﻭﺱﺮ ﻫﻭﻭﻫﻤﻴﺰﻭﻫﺮﻫﺮﺱﺮ ﻫﻤﻭﺱﺮﻫﻭ. ﻫﻫﻭﺯﻫﺮﺱﺮ ﻭﻣﺮﻫﻭﺱﺮ ﺯﻫﻤﺮﻭﺯﻫﻭﺱﺮ ﺯﻫﻤﺮﻭﺯﻫﻭﺱﺮ ﻫﻤﻭﺱﺮﻫﻭ. ﻫﻫﻭﺯﻫﺮﺱﺮ ﻭﻣﺮ

444	ގަދައްކުރުން	ފ. ގެދު	ފުރިހަމަ	ފުރިހަމަ ގެ)ދެ ފަރާތެއް ތަކެއް ގަނެ ވިއްކާ ގޮތުގެ (ގަނެ ވިއްކާ ގޮތުގެ ކޮންމެ ލިޔުންތަކެއް ތަކެއް

447	ތިލައްގެން	ގ. ހިތަދޫ	ތަކުރާރުވާ ފަރާތް	ހިތަދޫ ގ. ހިތަދޫ ގައި 1077 ވަނަ ތަނަށް ވަގުތީ ބޭނުންކުރުމަށް ހުއްދަ ދެވުނު ފަރާތްތަކުގެ ތަކެތި ވިއްކ

450	ބިލާއަށް	ސ. ހިތަދޫ	ފާރިއާގެ	ފާރިއާގެ ތެރެ ތަކެއް ވަކިވާ ދުވަހުގެ ކުރިން ކަނޑުގެ ކައިރިން، ދަނޑުގެ ކައިރިން، ދަނޑުގެ ކައިރިން ތަނ ތަނ ގަސްގަހާ ގުޅިގެން ހުންނަ ބައި ކަނޑުގެ ކައިރިން ކަނޑާ ދުރަށް ދިގުވެ ދިއުމު

451	ފުރުސް ވަޒުޢުވުމުގެ ތަންތަން	ސ. ފިއްލު	ކާނާ/ ކާނާ ހަދާ ތަންތަން	ދިވެހި ރައްޔިތުންގެ ގައިގައި ހުންނަ ބަލި ދަތި ބަލިތަކާ ދިމާ ދިމާ ދިވެ ދާ ގޮތަށް ދިވެ ދާ ބަލި ދަތި ބަލިތަކަށް

452	ﺳﻪﻣﺮﻣﺎﻫﺮ	ﺳ. ﺟﻪﺭ	ﻟﺎﻭﻣﺸﺮ ﺩﻫﺮ ﻋﺠﺮﻣﻪ	ﺟﺮﻋﺠﺮﻣﺮﻫﺮﻭﺭﻭﻫﺮﻭ ﻟﺎﺭﻫﺮ ﺷﺮﻭ ﻟﻪﻟﺮﻭ ﺝﺮﻫﺮ ﻟﺎﻫﺮﻭﺭﻭﺷﺮﻩ ﺟﺮﻣﺮﻫﺮﻭﺭﻭ ﻫﺎﻫﻪ ﻟﻪﻭﺭﻭﺷﺮﻭ. ﺝﺮﻫﺮﻟﺎﻫﺮﻭﺭﻭﺷﺮﻩ ﻟﻪﺭﻭ ﻟﻪﻟﺎﻫﺮﻟﺎﻫﺮﻭﺭﻭﺷﺮﻩ ﻫﺮﻫﻪﺭﻭﺭﻭﺷﺮﻩ ﺩﻭﻫﺮﻫﺮﻭﺭﻭﺷﺮﻩ ﺩﺭﻫﺮﻫﺮﻭ ﺩﺟﺮﻫﺮﻫﺮﻭ ﺍﺳﻪﻭﺭﻭﻫﺮﻟﺎﻫﺮﻫﺮﻭﺭﻭﺷﺮﻭﺭ ﺭﻭﻫﺮ ﻫﺮﻫﺮﻭﺭ ﻭﻫﺮﻫﺮ ﻫﺮﻫﺮﻫﺮﻭﺭﻭﺷﺮﻩ ﺟﺮﻫﺮﻫﺮﻭﺭﻭﺷﺮﻩ ﻫ

458	ވިލާތްތަކާ	ހ. ހުޅުދޫ	ޢަބްދުﷲ ޒިޔާދު ޙުސައިނު	ފުރަތަމަ 4 ދަތުރުގައި ދިވެހި ހުޅުދޫ ސްކޫލްގެ ދަރިވަރުން ދިވެހި ރާއްޖެ) ފާހަގަކުރާ ދުވަހުގެ ކުރިން 90 ދުވަސް ތެރޭގައި ކުރިއަށް ގެންދާ ދަތުރުތަކަށް ބަލައި ދިވެހި ރާއްޖެ. ދަތުރުތަކުގެ ކުރިން ދިވެހި ރާއްޖެ 90 ދުވަހު
459	ތިނާ	ހ. ހުޅުދޫ	ދާދި ފަހަރު ދަނޑުވެ	ދާދި ފަހަރު ދަނޑުވެ ކަމުގައި ވާ ދުވަހުގައި ހަމައެކަނި ތިބާ ދަނޑުވެ ކަމުގައި ވާ ދުވަހުގައި ދެ

460	ތިލާދަންދޫ	ގ. ދަރަނޑު	ފަރާތުގެ ފިޔަވަޅު	ފަރާތުގެ ފިޔަވަޅުގައި ހުންނަ ތަކެތި ދަށުގައި ބަލައި ގެންދާ ގޮތަށް ބަދަލުކުރުން.

461	ތިލާނ	ގ. ކަނޑު	ހަނގު ދިވެހި	ހަނގު ދިވެހި، ތިބެގެންދާ ހަނގުގައި ދިވެހިންނާ ދެކޮޅަށް ދިވެހި ދައުލަތުގެ ތަރަފުން ހަނގުކުރާ ފަރާތް. ދިވެހި ދައުލަތުގެ ކަނޑައެޅުނު ދަށުގައި ހަނގުކުރާ ފަރާތް. ތިލާ، ގާދިވެހިންގެ ކިބައިން ކަނޑައެޅުނު ގޮތުގެ

462	ڇڑيشن ۋەزىپىۋەگە مۇناسىپ	ـــ. ئەمەلدار	ئۇچرىغانلاشتۇرۇش جەريانى	ږىږگ ځىـــږەڈئ ږەږېږئەږ ئۇچرىغ ږاڤئۇگرىشئ جەريانىدە ھەرىكەت قىلغۇچىنىڭ 3 قېتىم ئەسكەرتىشىنى ږىږئەڑىش ۋەزنى يېڭىتىش ږەقەږۋەگە ھـــەمكارلاشقان. ځې ئىھتىياجلىقلارغا ږگرۇپقۇشئ ھەرىكىتى ۋەزىپىۋەگە جەمئىيەتلەرنى تەشكىللەشتە ئاكتىپ. ږگرۇپقۇشئ جەريانىدە زېھنى جىسمانىي مەسئۇلىيىتى بار كىشىلەرگە 1995-ح. ۋەسە ھەرىكىتى ھېچقانداق ئەسىئەتسىز زەخمىلەنمىگەن. سەكەتتىـــە 1996-ح. ۋەسە ھەرىكىتى ھېچقانداق ھادىسىلەرسىز ھەرىكەت قىلغۇچى، ئەتىبارچەرۋەر ئۇقۇغۇچى، ئۇچرىغ ږاڤئۇگرىشئ، ږېرس ھېڑدۇغىرىلەرنى ږاڤئۇ قىلغۇچ. ھ قۇرۇـــۋەتكەن ھېچ ھەقسىزلۇق ځېڑشگەر ځېگەر قۇدۇق ږەسمىگە ږەسىي ږاڤئۇ قىلغۇچ. ځې ږەسمىگە ږەسىگ ۋەزىگ ږاڤئۇ قىلغۇچ ږاڤگ ۋەڑئىږەڑئ. ـــۋەږىڑ ئەر ځەھەڑھەئۇ ھېشـــەشلىرىنى ږاڤىرەگ ږاڤئۇ قىلغۇچ ږاڤگ ۋەڑئىږەڑئ. ځې ڭىږىڤ ږاڤئۇگرىشئ ږىږىڑئەھ ڭەئۇ 1972-ح. ۋەسە ھەرىكىتى ھېچقانداق ۋەسىۋەزىغۇچ. ځې ڭىږىڤ ږاڤئۇگرىشئ ږىږىڑئەھ ڭەئۇ ږەسمىگە ږەسىگ ځېـــەمۇ ږەسمىگە ږەسىي ږاڤئۇ قىلغۇچ ږەسمىگە 500 ۋەسەږاڤ ڤڤغۇ. ځې ږەڑئ ږەسىگ ځېـــەمۇگە، ھ ځېـــەمۇئ ڭەمۇھېڑئەگەگ ږگرۇپقۇشئ ږگەئۇسىۋەږاڤ، ھەسىۋەۋئ ږگرۇپقۇشئ ږگەئۇسىۋەږاڤ، ڈئەشەۋئاھ ۋاږاڤ ڭەږئەڑئەۋەزىغۇچ. ږىږگ ځىـــږەڈئ ږەږېږئەږ ئۇچرىغ ږاڤئۇگرىشئ جەريانىدە ھەرىكەت قىلغۇچى ھـــەمكارلاشقان. ځې ئىھتىياجلىقلارغا ږگرۇپقۇشئ ھەرىكىتى ۋەزنى يېڭىتىش ږەقەږۋەگە ھـــەمكارلاشقان. ځې ئىھتىياجلىقلارغا ږگرۇپقۇشئ ھەرىكىتى ۋەزىپىۋەگە جەمئىيەتلەرنى تەشكىللەشتە ئاكتىپ. ږگرۇپقۇشئ جەريانىدە زېھنى جىسمانىي مەسئۇلىيىتى بار كىشىلەرگە 1995-ح. ۋەسە ھەرىكىتى ھېچقانداق ئەسىئەتسىز زەخمىلەنمىگەن. سەكەتتىـــە 1996-ح. ۋەسە ھەرىكىتى ھېچقانداق ھادىسىلەرسىز ھەرىكەت قىلغۇچى، ئەتىبارچەرۋەر ئۇقۇغۇچى، ئۇچرىغ ږاڤئۇگرىشئ، ږېرس ھېڑدۇغىرىلەرنى ږاڤئۇ قىلغۇچ. ځې ږەسمىگە ږەسىگ ۋەزىگ ږاڤئۇ قىلغۇچ ږاڤگ ۋەڑئىږەڑئ. ـــۋەږىڑ ئەر ځەھەڑھەئۇ ھېشـــەشلىرىنى ږاڤىرەگ

463	ﻫﻪﺳﺮ	ﺳ. ﺩﻪﺭﻪﻗﺮ	ﺅﺷﻘﻘﺰﻭﺭ (ﻗﻘﺪﺯ)/ﻗﺴﺮﻗﺰ	ﺣ ﻣﻪﺭﻪﺭ ﻓﺮﻭﻪﺭ ﻗﻘﺪﺭﻪﺳﺰﺩﺮﻩﺭﻩﺣ ﻓﻪﺷﺰﻩﺭ ﺍﺳﺮﺯﺷﺴﻪﺵ ﻫﻪﺵﺪﻩﻫﻪﻗﺰﺩﻩﺭ ﻫﻪﺵﻩﺭﻩﺯﻩﺭﻩﻍ ﺅﺵﺪﺅﻍ. ﺣ ﻣﻪﺭﻪﺭ ﺣﺮﺭﻪﺭ ﺝﻪﻍﻪﺭﻪﺳﺪﻩﺭﻪﺭ ﺯﻪﺳﻪﻗﺮﺯﻩﺳﻪ ﻫﻪﺭﻪﺭﻩﻍﻫﻪﻍﺵﻍ. ﻫﻪﺣﺮ ﻓﺮﻭﻪﺭ ﻗﻘﺪﺭﻪﺳﺪﻩﺭﻩﺣ ﻓﺮﻭﻪﺳﻪﻭﻪﺭﺩ ﺭﻪﺳﻪﺭﺵﻪﻫ ﺭﻪﺩﺩﻩﺭ ﺣ ﺍﺣﺮﺭﻪﻫ ﺭﺣﺵﻪﻍ. ﺣﻣﻪﺭﻪﺭ ﺩﺯﻪﺭﻪﺯﻩ ﻗﻘﺪﺭﻪﺳﺪﻩﺭﻩﺣ ﻓﺮﻭﻪﺳﻪﻭﻪﺭﺩ ﺍﻩﺯﺷﺴﻪ ﺳﻩﺯﻪﺭﻪﺵﻪﻗﻘﺪﺭﻪﺯﻪﺭ ﺳﻩﺣﺵﻪﻫﻪ، ﻫﻪﺭﻪﺭ، ﺭﻩﺯﻪﻫﻪ ﻫﺯﻪﺳﻩﺵ ﻫﻪﺭﻪﺵﻪﻗﻘﺪﺵ ﻫﻪﺵﻪﻗﻘﺪﺭﻪﺯﻪﺭﻪﺯﻪﺭﻪﻍ ﻫﻪﺵﻪﻫ -97ﺩﻪﻗﻘﻪ * "6' 47 ﺣﻣﻪﺭﻪﺵ ﻫﻪﺵﻪﻗﻘﺪﺭﻪﺳﻪﺭﻪﺯﻪﺭﻪﺯﻪﺭﻪﺳ 1943 ﺭﻪﺵﻪﻫﻪﺯﻪﻫ ﺣﻣﻪﺭﻪﺵﻪﺯﻪﻫ 1950-1953 ﻫﻪﺭﻪﺵ ﺩﻪﻓﺪﻪﺭﻪﺳﻪﻫﻪﺭ ﻫﻪﺯﻪﻗﻪﺭﻪﻫﻪﻗﻪ ﺭﻪﺳﻪﺵ، 1959-1963 ﻫﻪﺵﻪﻫﻪﺭﻪﻫﻪﺭ ﺳﻪﻗﻪﻗﻪﺭﻪﻫﻪﻗﻪﻫﻪﻗﻪﺵ ﻗﻪﺭﻪﺯﻪﺭﻪﺳﻪﺭﻪﺵﻪﻫ ﻫﻪﻗﻪﻫﻪﺳ ﺭﻪﺵﻪﺵﻪ، 1964 ﻫﻪﺯﻪﺳﻪﻫ2 ﺯﻪﻫ ﺭﻪﻣﻪﻗﻪﺭ ﻫﻪﺯﻪﺭ ﻫﻪ ﻫﻪﺭ ﺭﻪﺳﻪﻫﻪﺵ ﺳﻩﺭﻪﺵﻪﻫﻪﺯﻪﻫ ﻓﺮﻪﺵﻪﺭﻪﺵ ﺭﻪﺵﻪﺯ ﺭﻪﺭﻪﺵﻪﻫ ﺯ ﺵﻪﻫﺭﻪﺳﻪﺵ ﻫﻪﺵﻪﺵﻪﺵﻪﺭﻪﺯﻪﺵ ﻫﻪﺵﻪﺵﻪﺵﻪﺭﻪﺵ 1966 -1964 ﺩﻪﺭﻪﻗﺮ ﻫﺰﻪﺳﻪ ﺯﻪﺭﻪﻣ ﺯﻪﻫﻪﺵ ﺭﻪﺵﻪﺵﻪﺵ، 1979-1975 ﺩﻪﺭﻪﻗﺮ ﺩﻪﺳﻪﻫ ﺵﻪﺭﻪﻫﻪﺵ ﻫﻪﻓﺰﻪﺵﻪﺯﻪﺵﻪﺯﻪﻫﻪﺭﻪ ﻫﻪﻫﻪﺵﻪﺵﻪﺵﻪﺵ، 1982-1993 ﻫﻪﺳﻪﻫﻪﺵﻪ ﺯﻪﺵﻪﻫﻪﺵ ﺅﺷﻘﻘﺰﻭﺭ ﺳﻩﺭﻪﺯﻪﺵ ﺭﻪﺵﻪﺯ ،1993-1995 ﻫﻪﺣﻪﻫﻪﺯ ﺯﻪﺵﻪﻫ ﺵﻪﺵﻪﺭﻪﺵﻪﺵﻪﻫﻪﺵﻪﺵ

Annex 7: Grievance Redress Mechanism (GRM)

I. GRIEVANCE REDRESS MECHANISM

A. General Principle

1. Upon commencement of activities under Output 3.1, the PMU will operationalize a project-specific, simple, acceptable, transparent, and effective Grievance Redress Mechanism (GRM). The GRM will stipulate the required levels and responsible focal points at contractor, Grievance Redress Committee (GRC), and PMU levels. The mechanism will provide a time-bound and transparent process to manage and resolve any social or environmental concerns that may arise during pre-construction, construction, and operation of the subproject. This includes matters related to negotiated or voluntary land donation, involuntary land acquisition (if any), relocation, income restoration, environmental management, occupational health and safety, inclusion and participation, accessibility, and other related issues.
2. It is the responsibility of the PMU, in coordination with Island/City Councils and contractors, to provide information on the GRM to stakeholders in all locations where Output 3.1 activities are undertaken. This information will be disseminated within three months of commencement of activities. Multiple means will be utilized, including community meetings, public notices, information leaflets, mainstream media, and social media platforms, where appropriate.
3. The GRM will ensure that concerns and complaints are promptly addressed through an understandable and transparent process that is gender-responsive, culturally appropriate, and readily accessible to all stakeholders at no cost and without retribution. The mechanism will be accessible to affected persons (APs), community members, and workers upon approval of the Project by ADB. The GRM does not impede access to Maldivian judicial or administrative remedies.
4. The PMU, Island/City Councils, and contractors will inform APs about the GRM upon approval and initiation of the subproject. Through public consultations and dissemination of public information materials, APs will be informed of their right to file complaints with the GRC. For issues pertaining to sexual exploitation and abuse and sexual harassment (SEA/SH), grievance materials and notice boards will provide direction on the appropriate contact numbers of the Ministry of Gender, Family and Social Services. Confidentiality of the aggrieved party will be strictly maintained in such cases.
5. The GRC will function independently and ensure equitable treatment of women and men in all decision-making processes. The GRM will take effect immediately upon loan/grant effectiveness or award of contract, whichever is earlier. The mechanism will prioritize mediation and early resolution of conflicts to avoid lengthy litigation that may be inconvenient to APs.
6. The GRC does not possess legal mandate or authority to adjudicate matters requiring judicial determination. Rather, it functions as an advisory and facilitative mechanism to resolve concerns between affected persons and implementing agencies. Matters requiring formal legal resolution under Maldivian legislation will not be decided through the GRC. APs retain the right to seek recourse through national legal channels at any time. However, every effort will be made to resolve grievances through dialogue and mediation at the earliest possible tier.
7. Should an AP wish to pursue legal recourse, the Project will provide support to access appropriate institutions. The PMU will provide contact details of the Attorney General's Office and other relevant authorities and will assist aggrieved persons in accessing these institutions, if required. No fees will be charged to complainants for accessing the GRM, and no financial payments will be required for grievances to be addressed under the mechanism.

B. Mechanism

8. A three-tier mechanism is proposed for grievance redress of environmental and social matters related to the implementation and operation of activities under Output 3.1. The mechanism will be accessible to APs, community members, contractors, workers, organizations, and other stakeholders, any of whom may be complainants. Should a grievance not be resolved or if the complainant is not satisfied with the outcome at a given tier, the complaint will be referred to the next tier for review. The grievance recording form is provided in the relevant Annex, and grievance registers will be maintained at contractor, GRC, and PMU levels, as applicable.

9. The GRM will operate through three tiers, with access to the national legal system available at all levels:

10. **Tier 1: Contractor Level:** The first point of contact for grievances will be the construction company responsible for works under Output 3.1.A designated focal person will be assigned at the contractor's office and project site to receive, register, and address complaints. Grievances may be submitted verbally or in writing. All grievances will be recorded in a site-level register, and acknowledgement of receipt will be provided within two working days. Efforts will be made to resolve the grievance within fourteen (14) working days. If the issue cannot be resolved within this timeframe, or if the complainant is not satisfied with the outcome, it will be escalated to Tier 2.

11. **Tier 2: Grievance Redress Committee (GRC).** A Grievance Redress Committee will be established at the subproject level. The composition of the GRC will include relevant stakeholders such as representatives from the Island/City Council, Women's Development Committee, community-based organizations (CBOs)/NGOs, affected persons, and other relevant parties, ensuring gender and social inclusion. The GRC will review grievances escalated from Tier 1 and facilitate resolution through mediation, consultation, and joint problem-solving. The GRC will aim to resolve grievances within fourteen (14) working days of receipt. If unresolved, the complaint will be escalated to Tier 3.

12. **Tier 3: Project Management Unit (PMU) Safeguards Team.** Grievances not resolved at Tier 2 will be referred to the PMU Safeguards Team. The PMU's Social and Environmental Safeguards Specialists, together with the PMU Gender Expert as required, will review, investigate, and coordinate solutions in consultation with relevant stakeholders. The PMU will ensure that no cost is imposed on the complainant and that decisions are communicated transparently within fourteen (14) working days. All grievances escalated to this level will be documented in the Project GRM Register and reported in project monitoring reports, as applicable.

13. At all tiers, confidentiality will be maintained where requested, and no retaliatory action will be tolerated. The GRM will function in a gender-responsive, culturally appropriate, and inclusive manner and will not impede access to formal judicial or administrative remedies available under Maldivian law.

Figure 1: Flow chart of Grievance Redress Mechanism

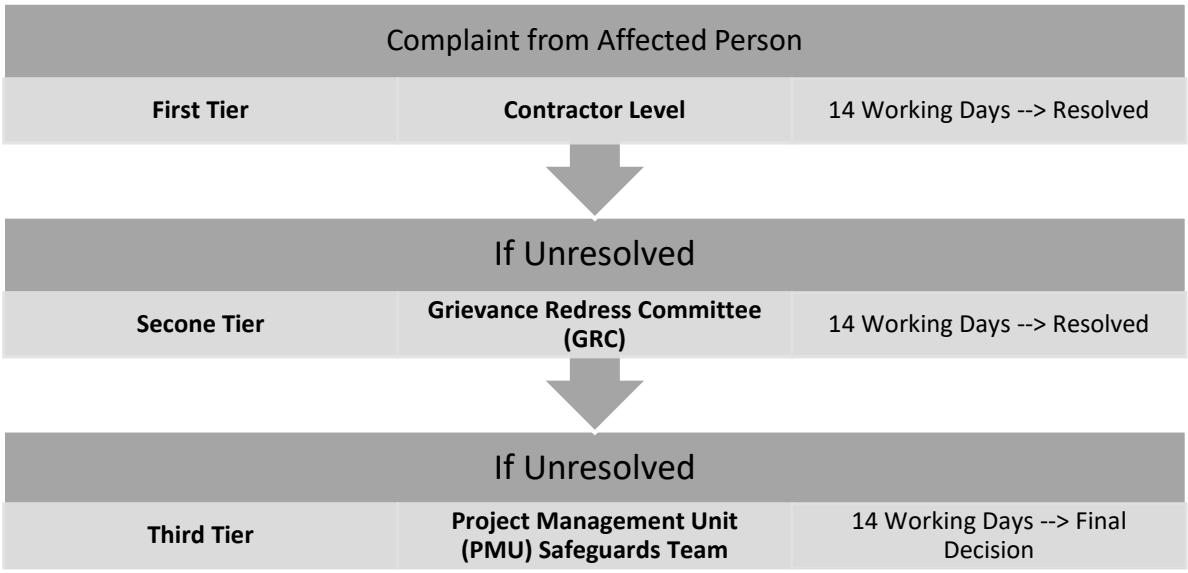


Table 6: Grievance Redress Mechanism

Focal Person for Contact	Contacts, Communication and Other Facilitation by Project	Timeframe to address grievance
First Tier: Contractor		
Designated contact persons should be established within the Contractor's Company with a designated contact number.	• In the contractor's office and the project site there will be an Information Board providing details of the GRM listing the names, sex and contact telephones/emails. • Grievances will be registered informally by contacting the designated focal point. If the grievance cannot be resolved informally, a formal complaint can be registered through phone/email or by submitting the complaint form. The form must be available online (digital form) on the websites of all implementation partners and physical forms should be available from the contractor's office, at the council offices and at PMU, including drop boxes to submit physical forms. A hotline will be established to receive grievances via phone call and mobile message. • For those who cannot properly write, a staff will assist in filling the complaint form and get it signed by the aggrieved party. • The contractor's office will screen the grievance to determine if the issues and concerns raised in the complaint falls within the mandate of the project. • If it is related to the project, the contractor's office will inform the aggrieved party in writing (copied to PMU) how the case will be processed as per this GRM. This should occur within 03 working days of receiving the complaint. If the aggrieved party is unable to read (for whatever reason) the issued letter will be read to the person in presence of a witness and the witness should declare their witness to this event. • Alternatively, if it is not related to the project, contractor's office will inform the aggrieved party that it is not related to the project in writing	14 working days

Focal Person for Contact	Contacts, Communication and Other Facilitation by Project	Timeframe to address grievance
	(copied to PMU) and will inform how the case will be handled. This communication will occur within 03 working days of receiving the complaint. If the aggrieved party is unable to read (for whatever reason), the issued letter will be read to the person in presence of a witness and the witness should declare their witness to this event. • Where the grievance is related to the project, the contractor's office will come up with a solution either by (i) discussing within the contractor's office; (ii) joint problem solving with the aggrieved parties, PMU and the contractor or; (iii) a combination of both options. • The contractor's office will communicate the final decision in writing, in terms of how the grievance was handled to the aggrieved party within 14 working days of receiving the complaint. If the aggrieved party is unable to read (for whatever reason) the issued decision will be read to the person in presence of a witness and the witness should declare their witness to this event. • The aggrieved party must acknowledge the receipt of decision and submit their agreement or disagreement with the decision within 10 days. • If no acknowledgement is submitted from the aggrieved party, then the decision will be considered as accepted. • If the grievance is not resolved to the satisfaction of the aggrieved party within 14 working days of submission of the grievance to tier 1 then the aggrieved party may notify the GRC and Ministry of Tourism and Environment, in writing, of the intention to move to tier 2. • The contractor's office will maintain records of all complaints received and share with PMU.	
Second Tier: Grievance Redress Committee (GRC)		
Designated contact persons should be established within the GRC with a designated contact number.	• The composition of the GRC will be based on relevant stakeholders of the subproject, such as representatives from the council, Women's Development Committee, CBO/NGOs, and affected persons, ensuring gender and social inclusion. • Where the aggrieved party is not satisfied with the outcome of the decision by the contractor's company or where the aggrieved party is of the view that the contractor's company is not capable of justly solve the issue or where the grievance is not resolved within 14 working days the grievance can be upgraded to tier 2. • The contractor's company will forward the grievance to the Grievance Redress Committee (GRC). • A formal receipt of the complaint will be provided to the aggrieved party. • The GRC will come up with a solution either by (i) discussing within the council;(ii) joint problem solving with the aggrieved parties, the council and the contractor, undertaking site visits and holding onsite discussions or; (iii) a combination of all these options. • The GRC will be responsible to ensure that there is no cost imposed on the aggrieved person, due to the GRM at the third tier. • GRC will communicate the final decision in writing, in terms how the grievance was handled to the aggrieved party within 14 working days of receiving the complaint. If the aggrieved party	14 working days

Focal Person for Contact	Contacts, Communication and Other Facilitation by Project	Timeframe to address grievance
	• is unable to read (for whatever reason) the issued letter should be read to the person in presence of a witness and the witness should declare their witness to this event. • The aggrieved party must acknowledge the receipt of decision and submit their agreement or disagreement with the decision within 10 days. • If no acknowledgement is submitted from the aggrieved party then the decision will be considered as accepted. • If the grievance is not resolved to the satisfaction of the aggrieved party within 14 working days of submission of the grievance to tier 1 then the aggrieved party may notify the Ministry of Tourism and Environment, in writing, of the intention to move to tier 3. • The GRC will maintain records of all complaints received and will share with PMU.	
Third Tier: Ministry of Tourism and Environment (Project Management Unit)		
The social and environmental safeguards specialist of the PMU or the designated contacts for the PMU.	• Where the aggrieved party is not satisfied with the outcome of the decision by the council or GRC or where the aggrieved party is of the view that the council or GRC is not capable of justly solve the issue or where the grievance is not resolved within 14 working days the grievance can be upgraded to tier 3. • The Island Council or GRC will forward the grievance to the Ministry of Tourism and Environment. Ministry of Tourism and Environment will forward the grievance to the PMU. • A formal receipt of the complaint will be provided to the aggrieved party. • The PMU will come up with a solution either by (i) discussing in the project steering/technical committee; (ii) joint problem solving with the aggrieved parties, the council and the contractor (iii) undertaking site visits and holding onsite discussions or; (iii) a combination of all these options. • The PMU will be responsible to ensure that there is no cost imposed on the aggrieved person, due to the GRM at the third tier. • Ministry of Tourism and Environment will communicate the final decision in writing, in terms how the grievance was handled to the aggrieved party within 14 working days of receiving the complaint. If the aggrieved party • is unable to read (for whatever reason) the issued letter should be read to the person in presence of a witness and the witness should declare their witness to this event. • The aggrieved party must acknowledge the receipt of decision and submit their agreement or disagreement with the decision within 10 days. • If no acknowledgement is submitted from the aggrieved party then the decision will be considered as accepted	14 working days

C. Key Parties

14. Under Output 3.1, the first tier of the Grievance Redress Mechanism (GRM) will be managed by the construction contractor responsible for implementation of works at the HAC site. The contractor will designate a focal person at site level to receive, register, and facilitate resolution of grievances arising during pre-construction, construction, and operation phases.

15. At the second tier under Output 3.1, a Grievance Redress Committee (GRC) will be established comprising representatives from the respective Island/City Council, Hanimaadhoo Agriculture Centre (HAC), and the Ministry of Agriculture and Animal Welfare (MAAW). The GRC will review grievances escalated from Tier 1 and facilitate resolution through consultation and mediation.

16. For reference, under Output 2, a Tier 2 GRC is similarly proposed to be established in Kulhudhuffushi City due to the scale and duration of activities implemented on that island. The approach under Output 3.1 follows a comparable structured mechanism, while reflecting the institutional context of HAC and MAAW.

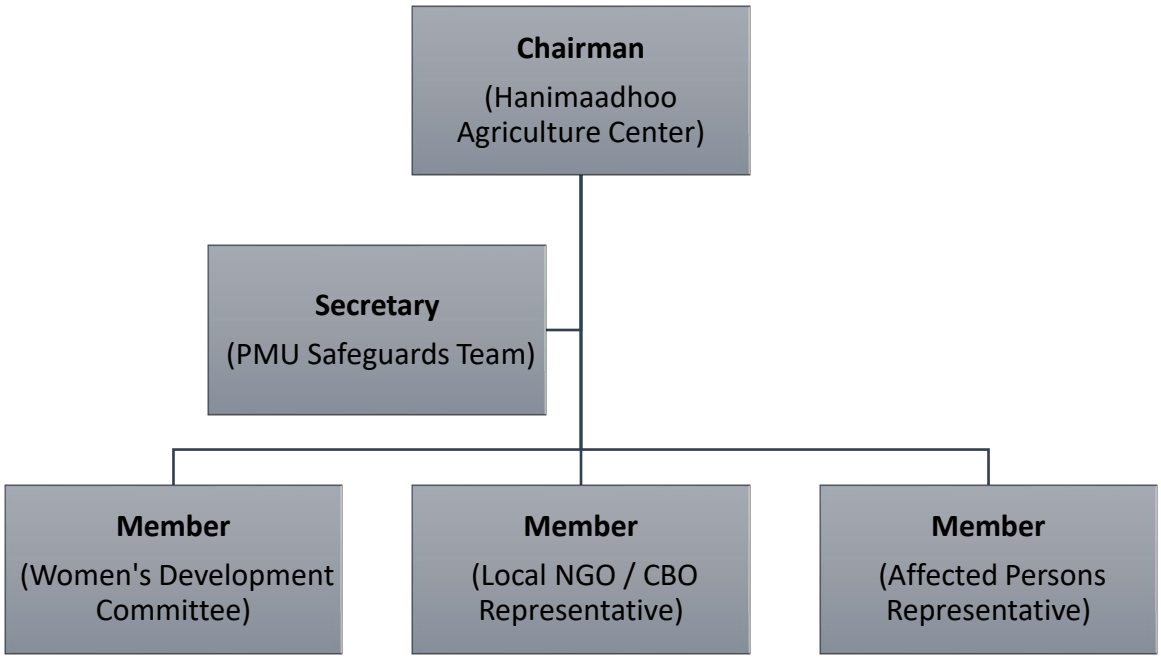
17. The GRC under Output 3.1 will function as a multi-stakeholder body to facilitate timely resolution of affected persons' (APs') concerns and grievances related to environmental and social performance, including land use within HAC premises, construction-related disturbances, occupational health and safety, access, inclusion, and other related matters.

18. The PMU Safeguards Team will organize orientation and training sessions for GRC members under Output 3.1 to clarify roles, responsibilities, documentation procedures, confidentiality standards, and timelines for grievance handling. The proposed composition of the GRC is presented in Table 7 and Figure 12.

Table 7: Composition of Island Grievance Redress Committee

Member	Number	Position
Chairperson	1	Representative Hanimaadhoo Agriculture Center
Member	1	Representative from Island Council
Member	1	Representative of Affected Persons
Member	1	Representative from Ministry of Agriculture and Animal Welfare

Figure 12: Composition of Island Grievance Redress Committee



19. Where the aggrieved person is female, the GRC will ensure the participation of at least one female member during grievance review and decision-making to ensure gender-sensitive handling. In the absence of any designated member, an appropriate substitute will be nominated by the respective institution to ensure continuity and fairness.

20. At the third tier, the Project Management Unit (PMU) under the Ministry of Tourism and Environment (MoTE), based in Malé, will address grievances that remain unresolved at Tier 2. The PMU Safeguards Team, including the Social Safeguards Specialist and Environmental Safeguards Specialist, will review, investigate, and coordinate resolution in consultation with relevant stakeholders. The PMU will liaise regularly with the Committee, HAC, MAAW, contractors, and other relevant national agencies as required.

21. At all tiers of the GRM under Output 3.1, aggrieved parties retain the right to seek recourse through the Maldivian judicial system.

22. The PMU will provide necessary support to complainants, including sharing contact details of the Attorney General's Office and facilitating access to relevant authorities, particularly for vulnerable groups where required.

23. For the workforce engaged under Output 3.1, including PMU staff and contractor personnel, employment contracts will define the applicable grievance redress procedures. General workplace grievances may be addressed through the respective Human Resource Committee or department of the organization, while grievances related to sexual exploitation and abuse or sexual harassment (SEA/SH) will be handled in accordance with the procedures of the relevant Ministry's SEA/SH Committee.

24. For issues pertaining to gender-based violence (GBV), sexual exploitation and abuse (SEA), and sexual harassment (SH), grievances must be referred to the hotline of the Ministry of Gender, Family and Social Services (1421). Confidentiality of complainants will be strictly

maintained. This information will be clearly displayed on grievance information boards at the HAC site and contractor offices.

25. Affected Persons (APs) under Output 3.1 have the right to submit complaints at any time directly to the respective Project Officer at ADB Headquarters, in writing and in any of the official languages of ADB's Developing Member Countries.

Mr. Takeshi Ueda
Officer-in-Charge
Telephone: +63 2 8632 6973
Email: taueda@adb.org
Asian Development Bank
Emerging Areas Team, Food, Nature, and
Rural Development Sector Office (SG-AFNR)

26. The PMU Social Safeguards Specialist shall support aggrieved persons in accessing ADB grievance channels, including providing the following contact information:

Ms. Aminath Shareef

Social Safeguards Specialist
Telephone: +960 3019143
Email: aminath.shareef@environment.gov.mv
(ECRFS Project, CCD, MOTE)

Annex 1: Grievance Recording Form

(to be made available in Dhivehi)

The Enhancing Climate Resilience and Food Security Project welcomes suggestions, complaints, queries and comments regarding the project. We encourage persons with grievance to provide their name and contact information to enable us to get in touch for clarification and feedback.

Should you opt to include your personal details but want that information to remain confidential, please inform us my writing 'CONFIDENTIAL' above your name.

No.	GRIEVANCE RECORDING FORM		
1	**Date of Grievance Reporting**		
2	**Location of Grievance Reporting**		
CONTACT INFORMATION AND GRIEVANCE			
3	**Name**		
4	**Gender**	Male	Female
5	**Age**		
6	**Home address**		
7	**Atoll, Island, Community**		
8	**Phone**		
9	**Email**		
10	**Complaint, comment or question –** please provide details (who, what, where, how)		
11	**How do you want to be reached for updates?**		
12	**Signature**		
FOR OFFICIAL USE			
11	**Registered by:** (Name, position, phone number of the official registering the grievance)		
12	**Mode in which grievance is received**:	○ Note/Letter ○ E-mail ○ Verbal/telephone	
14	**Signature and date** of the official recording grievance:		
15	**Has AP/Complainant been handed over a copy of the grievance form?**	Yes	No
16	**Reviewed by:** (Name, position, phone number of the official reviewing the grievance)		

17	**Action taken:**		
18	**Whether action taken disclosed:**	Yes	No
19	**Means of disclosure**:		

Annex 2: Grievance Records

Grievances Record and Action Taken

Record Number	**Date**	**Name and Contact Number of Complainant**	**Type of Complaint**	**Place**	**Status of Redress**	**Remarks**