

## Scope of Work

### Access Ramps, Warehouse Drainages & Connecting Drainage Systems

**Project Name:** Construction of Access Ramps, North & South Warehouse Drainages, and Connecting Drainage Systems

**Location:** G Store 2 Project site, G City, Mc Doom

**Client:** GYSBI

#### 1. Introduction & Purpose

This Scope of Work (SOW) outlines the key details of the projects to be executed at G Store 2 Warehouse. It defines the objectives, deliverables, tasks, timelines, and responsibilities to ensure proper planning and execution of the following:

1. Construction of drainage systems north and south of G Store 2 Warehouse; P.D1 & P.D2 (Primary Drain) Figure 2: GS2 Primary & Secondary Drains and Catch Basins.
2. Installation of access ramps and curb walls at G Store 2 Warehouse Figure 1: GS2 Access Ramps.
3. Installation of interconnecting drainage systems (S.D 1 to 4), catch basins (C.B 1 to 4), and other miscellaneous drainage works to integrate the site drainage system Figure 2: GS2 Primary & Secondary Drains and Catch Basins.

#### 2. Scope of Work

##### 2.0. Preliminary site assessment

Prior to submitting a bid, each bidder must conduct a comprehensive site assessment to determine the actual site conditions and the full scope of work. Any questions arising from this assessment should be directed to the Project Management Team (PMT) for clarification before bids are finalized and submitted.

##### 2.1. Installation of Access Ramps and Curb Wall at G Store 2 Warehouse

- Site preparation, including clearing and grading.
- Preparation of starter bars, which includes but is not limited to the application of rust remover solution prior to concrete pouring.
- Excavation and compaction of subgrade to achieve required soil stability.
- Formwork and reinforcement installation for the ramp structure as per structural design specifications (Drawing **C-105**).

- Concrete pouring with controlled curing to prevent shrinkage cracking.
- Surface finishing to meet non-slip standards, including trowel and broom finish where applicable.
- Final inspection and quality assurance.
- Handover.

## 2.2. Construction of Drainage Systems North and South (P.D 1 & 2) of G Store 2 Warehouse

- Site assessment and excavation of drainage paths, ensuring proper slope and alignment.
- Installation and finishing of concrete.
- Compaction and backfilling as necessary.
- Surface restoration and grading to ensure proper water flow.

## 3. Technical Requirements

All project technical specifications are outlined within drawing **C-105**.

Any discrepancy or question should be raised with the site project management team.

## 4. Execution Plan

1. Site preparation and layout marking.
2. Excavation and foundation work.
3. Preconstruction of catch basins.
4. Formwork and reinforcement installation for
  - a. North and south drains.
  - b. Building access ramps.
  - c. Interconnecting drains
5. Concrete works.
6. Surface finishing to meet non-slip standards, including trowel and broom finish where applicable.
7. Backfilling, grading, quality control, and site restoration.
8. Inspection, testing, and project handover.

**N.B:** All work shall be executed in a coordinated manner to minimize disruption to site operations. Regular site meetings will be held to track progress and resolve any challenges.

## 5. Safety & Compliance

- PPE (Personal Protective Equipment) must always be worn.
- Site induction for any new site personnel.
- Trenching and excavation safety measures must be strictly followed.
- Work areas must be barricaded to prevent unauthorized access.
- Compliance with OSHA and local safety regulations is mandatory

## 6. Timeline & Milestones

Milestone	Activity	Estimated Completion Date
1. Mobilization	Site preparation, layout marking	2 <sup>nd</sup> June 2025
2. Excavation	Trenching for ramps and drainage	3 <sup>rd</sup> June 2025
3. Prefabrication of Catch Basins	Construction of catch basins	3 <sup>rd</sup> June 2025
4. Drainage Installation	Pipe laying, catch basins, and concrete works	
a. North Drain	Construction of the north drain	4 <sup>th</sup> June – 4 <sup>th</sup> July 2025
b. South Drain	Construction of the south drain	4 <sup>th</sup> July – 4 <sup>th</sup> August 2025
5. Ramp Installation	Construction of traffic ramps	4 <sup>th</sup> August – 4 <sup>th</sup> September 2025
6. Catch Basins + interconnecting drains	Backfilling, grading, and final finishing	4 <sup>th</sup> September – 4 <sup>th</sup> October 2025
7. Final Inspection & Handover	Testing, quality checks, and client approval	5 <sup>th</sup> October 2025

## 7. Deliverables & Acceptance Criteria

Access ramps and curb wall: Properly constructed, smooth, and compliant with required gradients.

Drainage systems: Fully functional, with effective water flow and no blockages.

Work Schedule - MS Project

Concrete compressive strength test results from a competitive lab at 7 and 28 days.

Site cleanup: All construction debris removed, and the site restored.

Final approval: Walkthrough and acceptance by the client.

## **8. Provision of Materials by Client**

- Rebar
- Concrete
- Geocell
- Geofabric
- Blinding
- Drain Covers
- Vapor Barrier

## **9. Provision of Services by Client**

- Surveying
- Compaction Test
- Dewatering off-site
- Toilets
- Changing Room

## **10. Appendices**

- Project drawings and drainage layout plans. **C - 105**

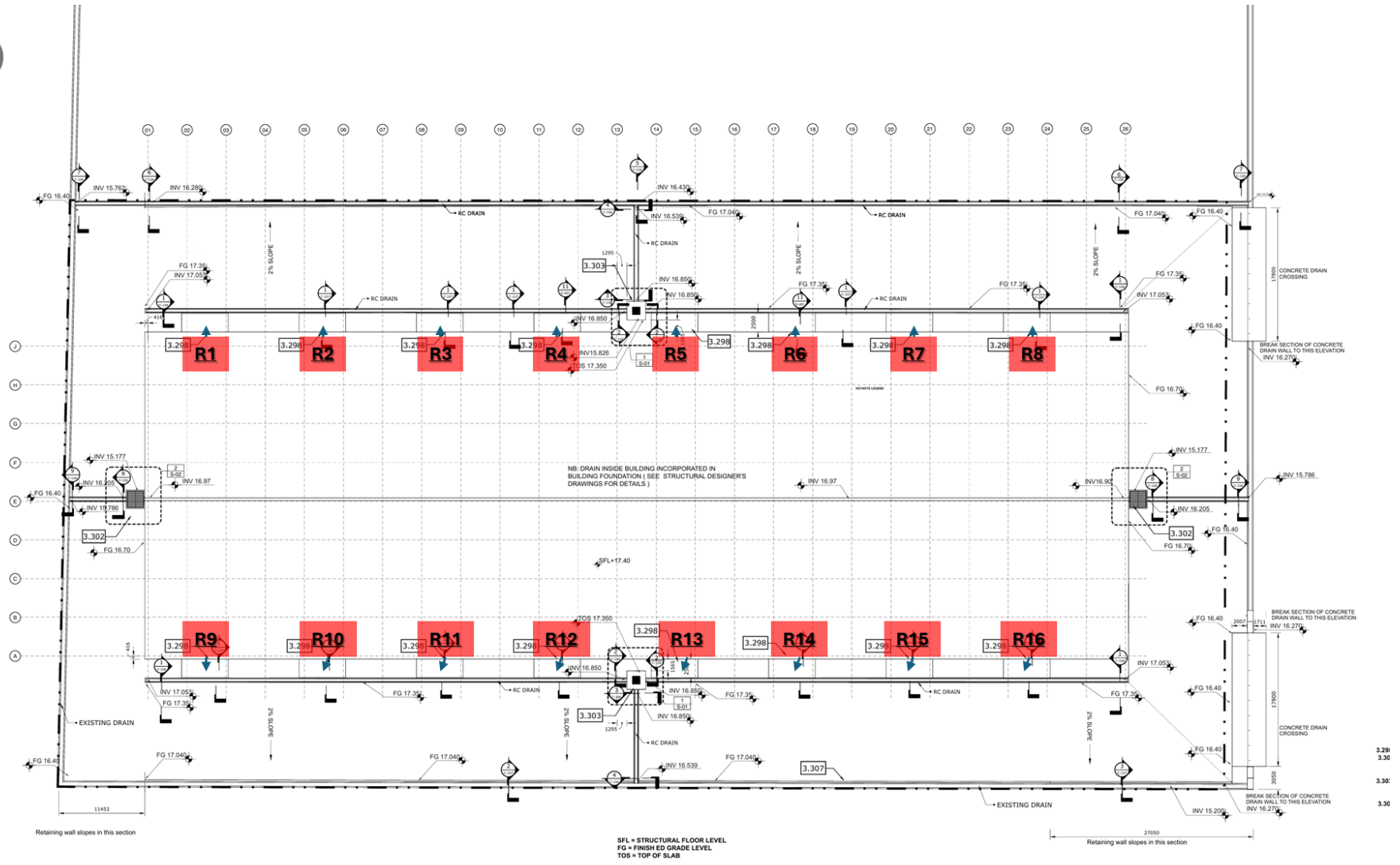


Figure 1: GS2 Access Ramps

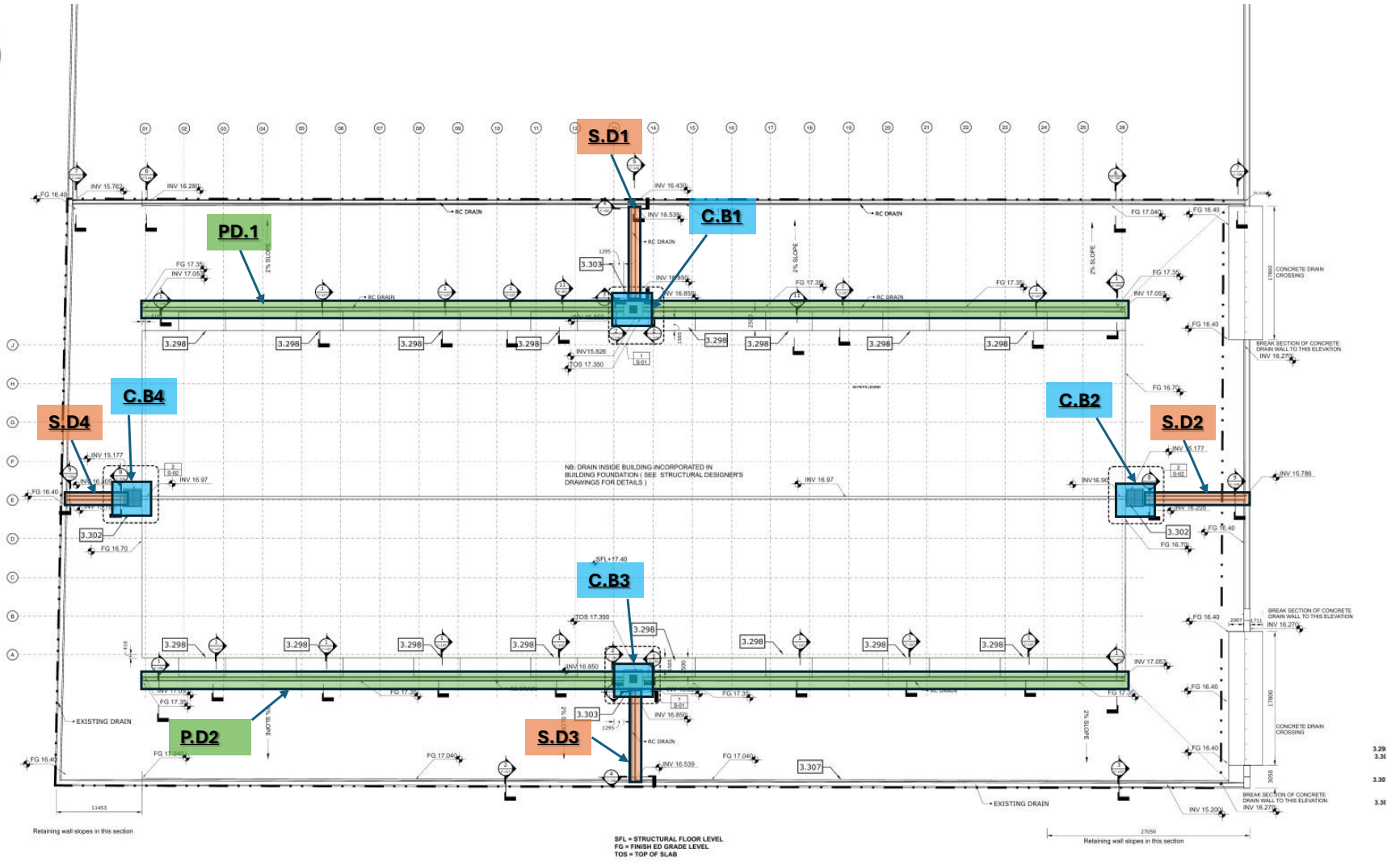


Figure 2: GS2 Primary & Secondary Drains and Catch Basins