

Project Schedule Narrative Report

For The
BATHROOMS & GYM UPGRADES
- H.E.R.O HIGH SCHOOL BRONX

Awarded Company



Prepared by



January 6, 2023

Baseline Schedule Analysis

Contents

Executive Summary.....	4
Section 1 - Key Milestones Summary	4
Section 2 - Critical / Longest Path	4-5-6
Section 3 - Near Critical Path Activities	6-7-8-9
Section 4 - Schedule Analysis.....	10
Exhibits.....	11

Executive Summary

Renovation of a mixed-use development in New York, New York. Completed plans call for the renovation of an educational facility. *The value for this project is based on a financial range. The value is listed as the highest possible cost from the range provided by a stakeholder or official project document.

KEY FINDINGS

1. The current forecast completion [REDACTED] Consistent with the Baseline completion and from the contract completion date.
2. All calendars must be project-specific and ensure you are not inheriting any global calendars.

Section 1 - Key Milestones Summary

Notice to Proceed: August [REDACTED]

Substantial Completion: [REDACTED]

Contractual Completion Date: [REDACTED]

Project Duration: 428 Days

Section 2 - Critical / Longest Path

The critical path consists of the following activity and stages. The Longest path diagram is shown in Exhibit 1.

The Longest Path begins with Notice to Proceed and Mobilization.

The Longest path then goes to the submittals:

- General Requirements
- [REDACTED]
- [REDACTED]
- [REDACTED]
- Dust Control Work Plan
- TR1,TR2,T3

Then goes to approvals:

- General Requirements
- Shop Drawings
- Project Organization Chart
- [REDACTED]
- [REDACTED]
- [REDACTED]

Then goes through construction of the Basement with the following area of work:

- Demolition Works
 - Basement - Removal of Existing Suspended Ceiling, Track, Hangers & Accessories
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - Basement - Removal of Existing Ceramic Tile Wall Finish
 - Basement - Removal of Existing Wall Assembly
 - Basement - Removal of Existing Light Fixtures & Conduit
 - Basement - Removal of Existing HVAC Duct

- Upgradation Works
 - Basement – Installation of Floor Drain & Piping
 - [Redacted]
 - Basement - Installation of HVAC Duct
 - [Redacted] series
 - [Redacted]
 - [Redacted]
 - [Redacted]
 - [Redacted]
 - [Redacted]
 - [Redacted]
 - [Redacted]
 - [Redacted]

The Longest Path then goes through Construction of the Second Floor with the following area of work.:

- Upgradation Works
 - Second Floor– Installation of Floor Drain & Piping
 - Second Floor - Installation of Power Connections & Conduit
 - Second Floor - Installation of HVAC Duct
 - Second Floor - Installation of Wall Assembly
 - [Redacted]
 - Second Floor - Installation of Flooring
 - Second Floor - Installation of Toilet Partition
 - [Redacted]
 - [Redacted]
 - [Redacted]
 - [Redacted]

The Longest Path then goes through Part of the Construction of the Third Floor with the following area of work.:

- Upgradation Works
 - Third Floor - Installation of Flooring
 - [Redacted]
 - [Redacted]
 - Third Floor - Installation of Ceramic Tile Wall Finish
 - Third Floor - Installation of Plumbing Fixtures & Toilet Accessories
 - [Redacted]
 - [Redacted]
 - Third Floor - Installation of Metal Security Cage at Emergency Lighting
 - Third Floor - Installation of Bleachers
 - [Redacted]
 - [Redacted]
 - [Redacted]
 - [Redacted]

The Longest Path then goes through Construction of the Roof with the following area of work.:

- Demolition Works
 - [Redacted]
 - Roof - Removal of Stone Ballast & Roofing System
- Upgradation Works
 - [Redacted]
 - [Redacted]

The Longest Path then goes through the Closeout.

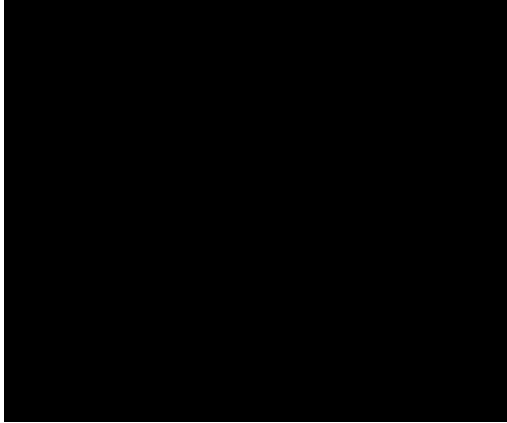
- Substantial Completion
- Final Inspection & Testing
- Punchlist & Rectifications
- O&M's
- As Built Submittal
- Certificate of Occupancy
- Final Completion

Section 3 - Near Critical Path Activities

The Near critical path Consists of:

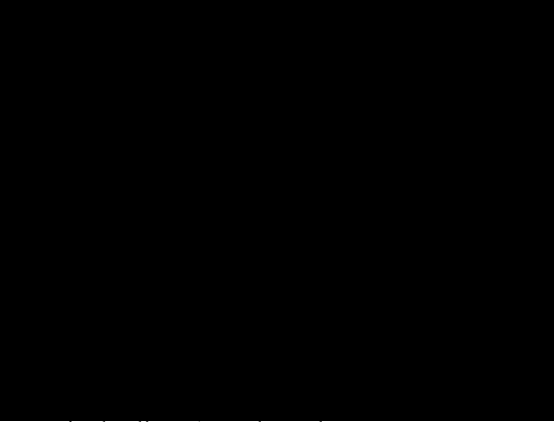
The Near Critical Path begins With Submittals:

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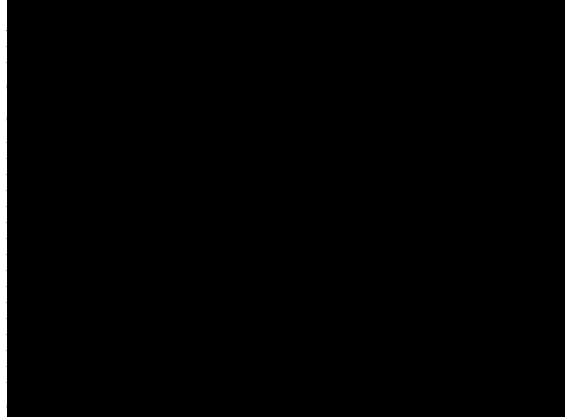
Raceways, Fittings, Supporting Devices, Boxes and Accessories

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- Mapei Ultralite S1 Product Sheet
- Mapei Ultralite S1 SDS
- Mapelastic AquaDefense Product Sheet
- Mapelastic AquaDefense SDS
- 10021143-D-Thermafiber-SAER-Data-Sheet

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- WC Carrier_259X-S12
- WC Flush Valve_259X-S13
- Lavatory Faucet_259X-S14
- Medical Sink Soap Dispenser_259X-S15
- Medical Sink Faucet_259X-S16
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The Near Critical Path then goes to approvals:

- Hilti Epoxy for dowels, 1-A701,4-A701
- Firestopping for 7-A700, 5-A701
- HB Spyra Lox rebar for 1-A701
- Truss mesh for 1-A701,6-A701
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- Sika self leveling
- Wirings Systems
- Raceways, Fittings, Supporting Devices, Boxes and Accessories
- Wiring Devices
- Lighting Control Devices
- Grounding and Bonding
- Motor Starters Letter - NA Letter
- LED Interior Lighting
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- Light gauge metal framing
- PB_Submittal_Cement Board Screws
- PB_Submittal_Cement Board Tape
- PB_Submittal_Cement Board
- PF_Submittal_All Purpose
- PF_Submittal_Paper Joint Tape
- PF_Submittal_Quick Set Lite
- Expansion Bolt_259X-S6
- Concrete Inserts_259X-S7
- Nuts Washers Rods_259X-S8
- Press Ball Valve_259X_S9
- Toilet Room FD_259X-S10
- Shower Stall FD_259X-S11
- WC Carrier_259X-S12
- WC Flush Valve_259X-S13
- Lavatory Faucet_259X-S14
- Medical Sink Soap Dispenser_259X-S15
- Medical Sink Faucet_259X-S16
- Water Closet_259X-S17
- Water Closet Seat_259X-S18
- Lavatory_259X-S19
- TMV_259X-S20
- Trap_259X-S21
- Angle Stop_259X-S22
- Lavatory Carrier_259X-S23
- Medical Room Sink_259X-S24
- Medical Sink Strainer_259X-S25
- Medical Sink Trap_259X-S26
- Elkay EHW214C_259X-S27
- Drinking Fountain Carrier_259X-S28
- Elkay LMABFDWSSK_259X-S29

Construction of First Floor with the following area of works:

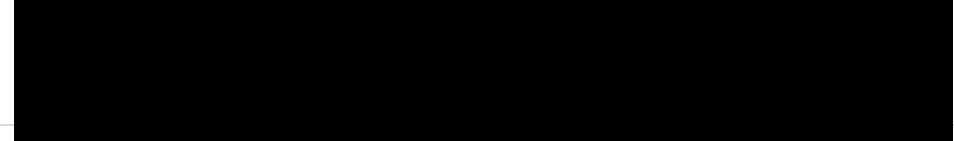
Demolition Works

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Upgradation Works

- First Floor - Installation of Floor Drain & Piping
- First Floor - Installation of Power Connections & Conduit
- First Floor - Installation of HVAC Duct
- First Floor - Installation of Wall Assembly
- First Floor - Installation of Suspended Ceiling, Track, Hangers & Accessories
- First Floor - Installation of Flooring
- First Floor - Installation of Toilet Partition


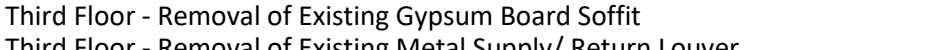

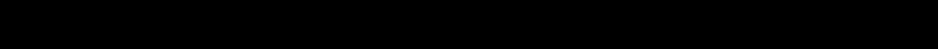
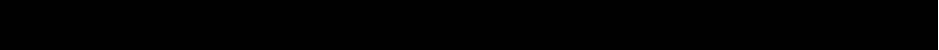
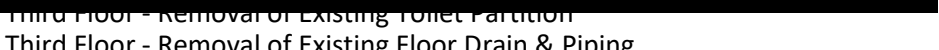
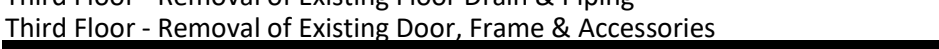
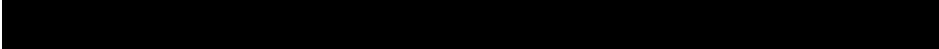
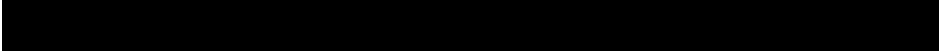
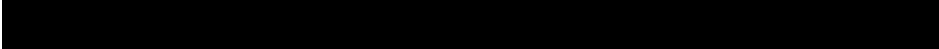

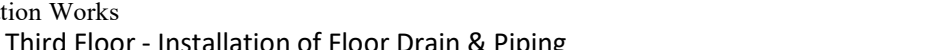

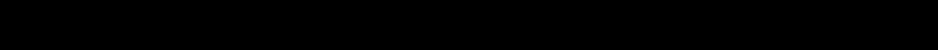
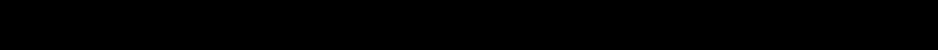


- First Floor - Installation of Lights & Fixtures
- First Floor - Installation of HVAC Valves & Accessories
- First Floor - Installation of Signage

Construction of Second Floor with the following area of works:

- Demolition Works
 - Second Floor - Removal of Existing Suspended Ceiling, Track, Hangers & Accessories
 - Second Floor - Removal of Existing Water Closet Fixture
 - Second Floor - Removal of Existing Lavatory Fixture
 - Second Floor - Removal of Existing Toilet Partition
 - Second Floor - Removal of Existing Floor Drain & Piping
 - Second Floor - Removal of Existing Shower Body, Base & Accessories
 - Second Floor - Removal of Existing Mosaic Tile Flooring
 - Second Floor - Removal of Existing Wall Assembly
 - Second Floor - Removal of Existing Light Fixtures & Conduit
 - Second Floor - Removal of Existing HVAC Duct

Construction of Third Floor with the following area of works:

- Demolition Works
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 - Third Floor - Removal of Existing Gypsum Board Soffit
 - Third Floor - Removal of Existing Metal Supply/ Return Louver
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 - Third Floor - Removal of Existing Toilet Partition
 - Third Floor - Removal of Existing Floor Drain & Piping
 - Third Floor - Removal of Existing Door, Frame & Accessories
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- Upgradation Works
 - Third Floor - Installation of Floor Drain & Piping
 - Third Floor - Installation of Power Connections & Conduit
 - Third Floor - Installation of HVAC Duct
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Section 4 - Schedule Analysis

1. Work Breakdown Structure (WBS): The Contractor Built the schedule as:
 - a. Level 1 - is the project level, BATHROOMS & GYM UPGRADES - H.E.R.O HIGH SCHOOL



2. High Total Float Value -Activities
“Total Float is not for exclusive use or benefit of either the Contractor or the Authority but must be used for the benefit of the Work as the Authority may in its discretion decide.”

3.



7.) In addition to the Work Breakdown Structure, the Schedule shall incorporate the Activity Code Structure shown in Attachment A at the end of this numbered Section, and other coding, if any, requested by the Engineer.

ATTACHMENT A

MANDATORY ACTIVITY CODE STRUCTURE

- 1.) Contract Name
- 2.) Responsibility (Authority, Contractor)
- 3.) Area in the Construction Site (building, bridge or area)
- 4.) Trade/Specification Section Number (concrete, steel, etc. as required)
- 5.) Location in the Work area (3rd Fl, etc.)
- 6.) Stage of Activity, if applicable
- 7.) Added/Changed Work, if applicable
- 8.) Other, as required by the Engineer

Exhibits

1. Exhibit 1: CRITICAL / LONGEST PATH
2. Exhibit 2: NONE CRITICAL ACTIVITIES

Exhibit 1

BATHROOMS & GYM UPGRADES - H.E.R.O HIGH SCHOOL PROJECT SCHEDULE

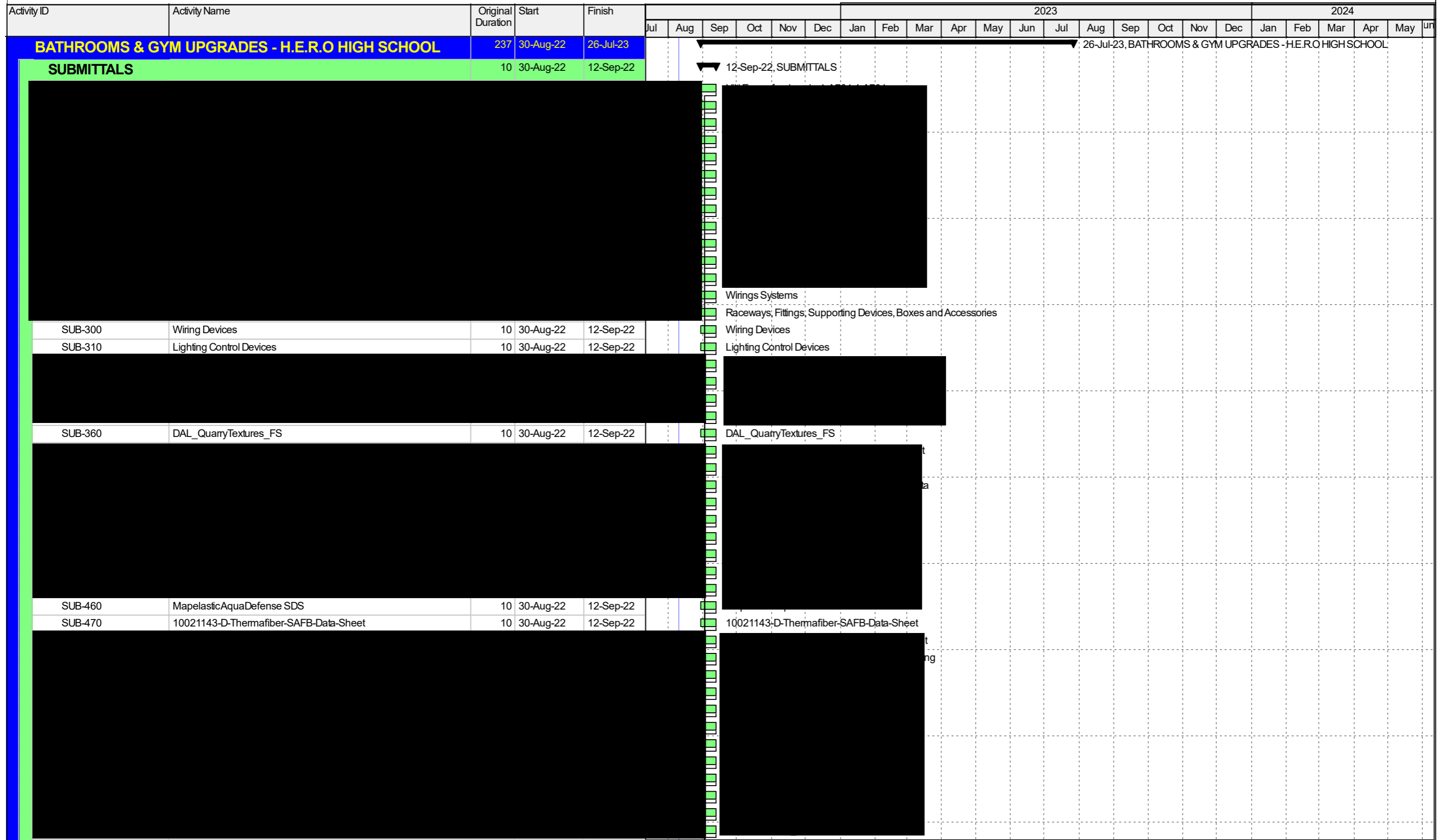


Activity ID	Activity Name	Original Duration	Start	Finish	2023												2024												
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
BATHROOMS & GYM UPGRADES - H.E.R.O HIGH SCHOOL					01-Apr-24, BATH																								
PRE-100	Notice to Proceed (NTP)	0	11-Aug-22*		◆ Notice to Proceed (NTP)																								
PRE-110	Mobilization	0	19-Aug-22*		◆ Mobilization																								
SUBMITTALS					▼ 29-Aug-22, SUBMITTALS																								
SUB-100	General Requirements	7	19-Aug-22	29-Aug-22	▼ General Requirements																								
SUB-110	Shop Drawings	7	19-Aug-22	29-Aug-22	▼ Shop Drawings																								
SUB-140	Dust Control Work Plan	7	19-Aug-22	29-Aug-22	▼ TR1,TR2,T3																								
SUB-150	TR1,TR2,T3	7	19-Aug-22	29-Aug-22	▼ TR1,TR2,T3																								
APPROVALS					▼ 16-Sep-22 APPROVALS																								
APP-100	General Requirements	14	30-Aug-22	16-Sep-22	▼ General Requirements																								
APP-110	Shop Drawings	14	30-Aug-22	16-Sep-22	▼ Shop Drawings																								
APP-120	Project Organization Chart	14	30-Aug-22	16-Sep-22																									
APP-130	Safe Work Plans (SWP)	14	30-Aug-22	16-Sep-22																									
BASEMENT																													
DEMOLITION WORKS																													
B-DW-120	Basement - Removal of Existing Lavatory Fixture	3	28-Sep-22	30-Sep-22	Basement - Removal of Existing Lavatory Fixture																								
B-DW-130	Basement - Removal of Existing Urinal Fixture	3	03-Oct-22	05-Oct-22	Basement - Removal of Existing Urinal Fixture																								
B-DW-140	Basement - Removal of Existing Toilet Partition	2	06-Oct-22	07-Oct-22	Basement - Removal of Existing Toilet Partition																								
B-DW-150	Basement - Removal of Existing Floor Drain & Piping	3	10-Oct-22	12-Oct-22	Basement - Removal of Existing Floor Drain & Piping																								
B-DW-160	Basement - Removal of Existing Window, Frame & Accessories	2	13-Oct-22	14-Oct-22	Basement - Removal of Existing Window, Frame & Accessories																								
B-DW-170	Basement - Removal of Existing Door, Frame & Accessories	3	17-Oct-22	19-Oct-22	Basement - Removal of Existing Door, Frame & Accessories																								
UPGRADATION WORKS																													
B-UW-100	Basement - Installation of Floor Drain & Piping	6	18-Nov-22	25-Nov-22	Basement - Installation of Floor Drain & Piping																								
B-UW-110	Basement - Installation of Power Connections & Conduit	5	28-Nov-22	02-Dec-22	Basement - Installation of Power Connections & Conduit																								
B-UW-120	Basement - Installation of HVAC Duct	7	05-Dec-22	13-Dec-22	Basement - Installation of HVAC Duct																								

█ Actual Work
 █ Critical Remaining Work
 ▼ Summary
 ◆ Milestone

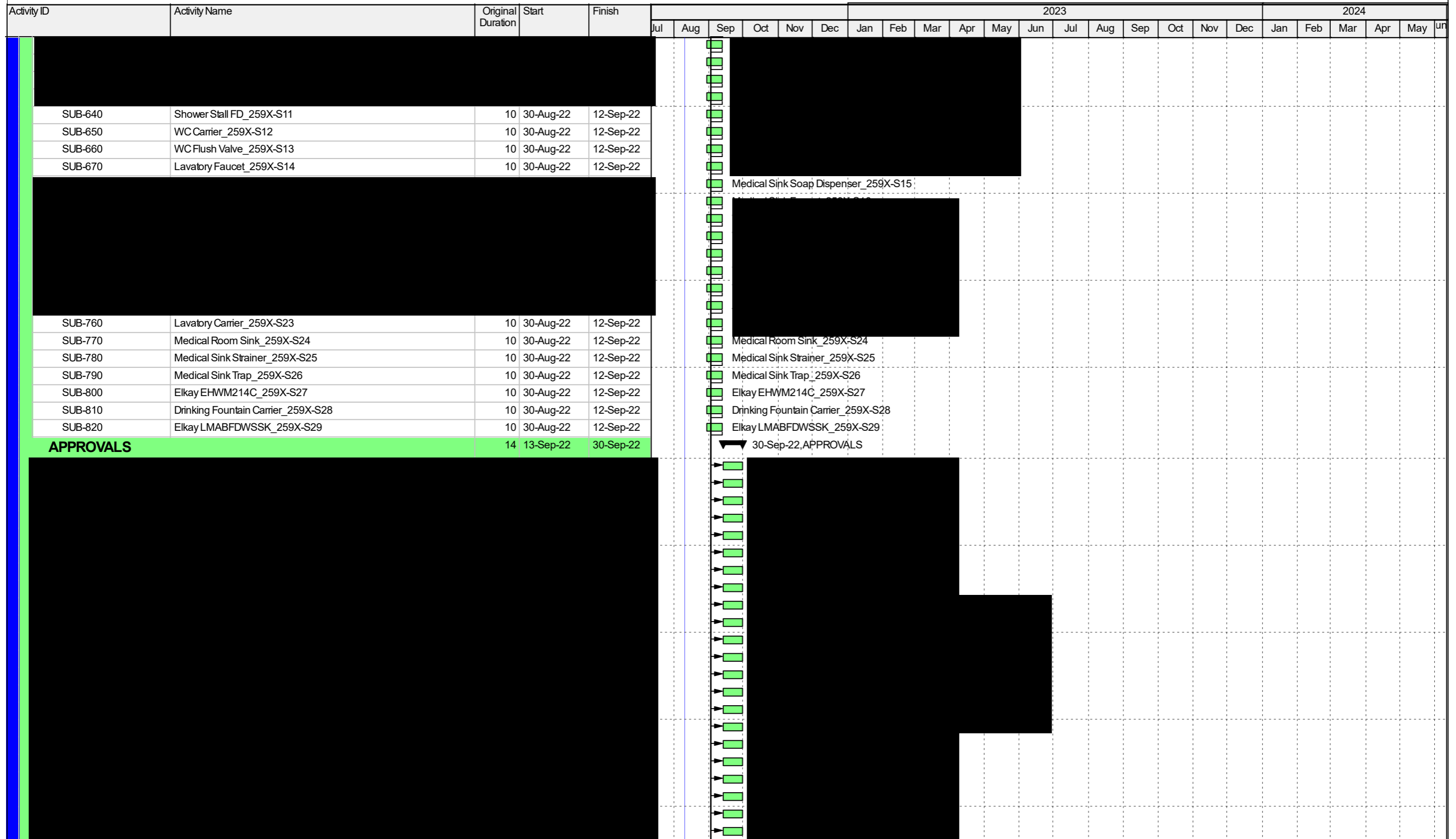
Exhibit 2

BATHROOMS & GYM UPGRADES - H.E.R.O HIGH SCHOOL
PROJECT SCHEDULE



■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

BATHROOMS & GYM UPGRADES - H.E.R.O HIGH SCHOOL PROJECT SCHEDULE



█ Actual Work
 █ Critical Remaining Work
 ▼ Summary
█ Remaining Work
 ◆ Milestone

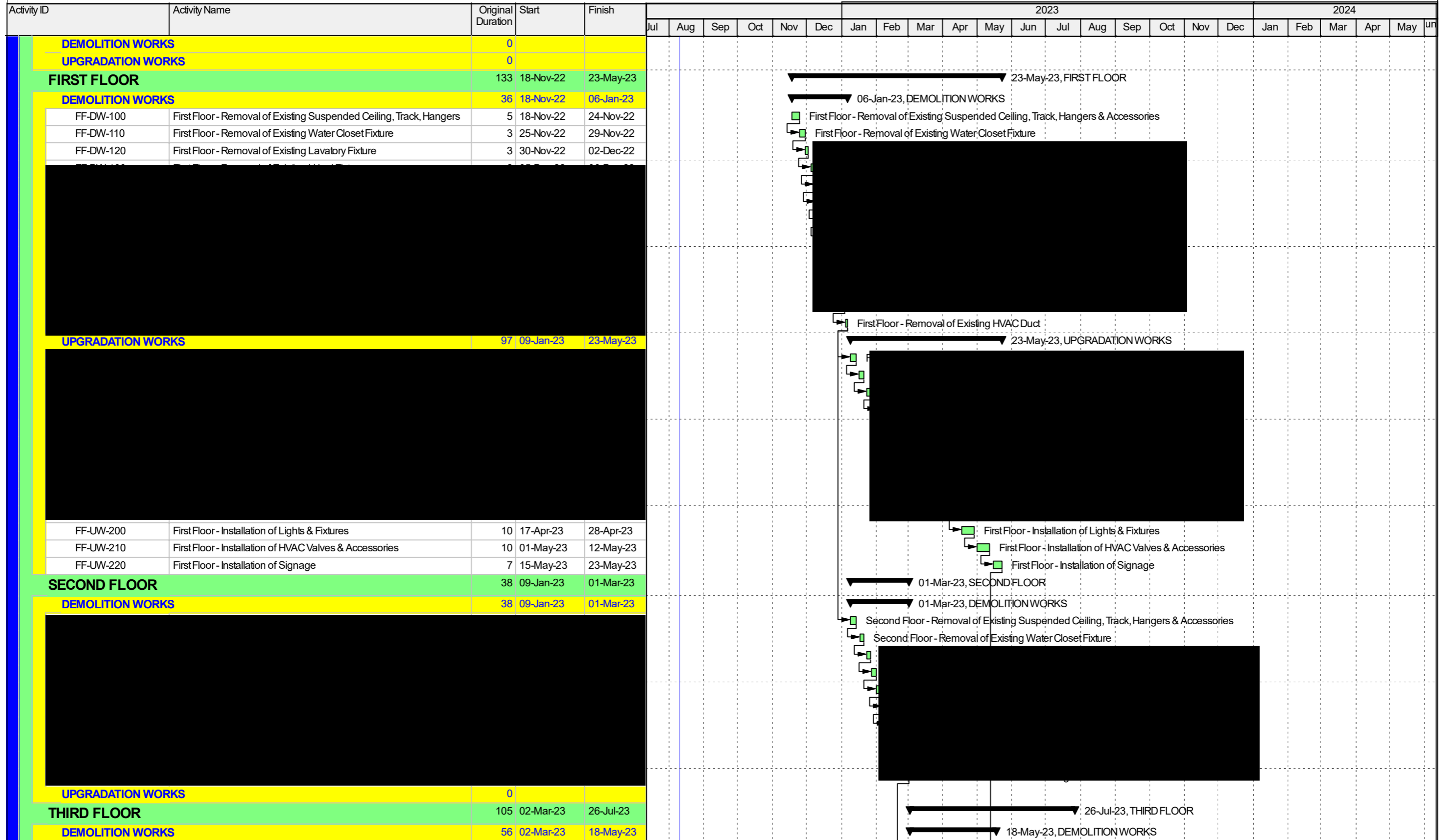
**BATHROOMS & GYM UPGRADES - H.E.R.O HIGH SCHOOL
PROJECT SCHEDULE**



Activity ID	Activity Name	Original Duration	Start	Finish	2023												2024											
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
APP-460	MapelasticAquaDefense SDS	14	13-Sep-22	30-Sep-22																								
APP-470	10021143-D-Thermafiber-SAFB-Data-Sheet	14	13-Sep-22	30-Sep-22																								
APP-480	AFB (Acoustical Fire Batts) Technical Datasheet	14	13-Sep-22	30-Sep-22																								
APP-490	Black Iron @ Conc Slab - Flat Strap for gyp ceiling	14	13-Sep-22	30-Sep-22																								
APP-530	PB_Submittal_CementBoard Screws	14	13-Sep-22	30-Sep-22																								
APP-540	PB_Submittal_CementBoard Tape	14	13-Sep-22	30-Sep-22																								
APP-550	PB_Submittal_CementBoard	14	13-Sep-22	30-Sep-22																								
APP-640	Shower Stall FD_259X-S11	14	13-Sep-22	30-Sep-22																								
APP-650	WC Carrier_259X-S12	14	13-Sep-22	30-Sep-22																								
APP-660	WC Flush Valve_259X-S13	14	13-Sep-22	30-Sep-22																								
APP-670	Lavatory Faucet_259X-S14	14	13-Sep-22	30-Sep-22																								
APP-680	Medical Sink Soap Dispenser_259X-S15	14	13-Sep-22	30-Sep-22																								
APP-720	Lavatory_259X-S19	14	13-Sep-22	30-Sep-22																								
APP-730	TMV_259X-S20	14	13-Sep-22	30-Sep-22																								
APP-740	Trap_259X-S21	14	13-Sep-22	30-Sep-22																								
BASEMENT		0																										

█ Actual Work
 █ Critical Remaining Work
 ▼ Summary
█ Remaining Work
 ◆ Milestone

**BATHROOMS & GYM UPGRADES - H.E.R.O HIGH SCHOOL
PROJECT SCHEDULE**



█ Actual Work
 █ Critical Remaining Work
 ▶ Summary
█ Remaining Work
 ◆ Milestone

