



MASTERS ACADEMY
MASTER'S ACADEMY INNOVATION CENTER
4414 CROWCHILD TRAIL SW
CALGARY, AB T2T 5J4

WalterFedy Project No.: 2025-4021
Issued for DP 2026-07-23

ARCHITECTURE	
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DP301	BLDG ELEVATIONS
DP400	BLDG SECTIONS
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CIVIL	
C101	Functional Grading Plan
C201	Functional Servicing Plan

Project Data			
PLANNING INFORMATION			
Municipal Address	4414 Crowchild Trail SW Calgary, AB T2T 5J4		
Legal Description	Plan: 8810824; Block: & Plan: 9812370; Block:D		
Zoning	S-CI Special Purpose - Community Institution		
Proposed Development	School - Private		
SETBACKS		Required	Provided
Front Yard		6 m	6 m
Side Yard Abutting a Street		3 m	0 m
Side Yard		1.2 m	0 m
Rear Yard		1.2 m	0 m
SITE DATA		Metric	Imperial
Site Area	0%	27,101.6 m ²	291,719.2 ft ²
Existing Building Coverage	22.9%	6,205.0 m ²	66,790.0 ft ²
Proposed Building Coverage	1.8%	496.7 m ²	5,346.4 ft ²
Total Building Coverage	24.7%	6,701.7 m ²	7,2136.5 ft ²
PROPOSED BUILDING DATA		Maximum	Provided
Existing Net Building Area	FAR	No Max	7,891.1 m ²
Building Floor Area		No Max	496.7 m ²
Building Height		No Max	6.5 m
No. of Storeys (Proposed)		1	1
Existing Floor Area Ratio	0.291	7,891.1 m ² / 27,101.6 m ²	
Proposed Floor Area Ratio	0.018	496.7 m ² / 27,101.6 m ²	
Total Combined Floor Area Ratio	0.309	8,387.8 m ² / 27,101.6 m ²	
PARKING DATA		Required	Provided
(1.0 motor vehicle stalls per 100.0 sqm of gross usable floor area)		7,891.1 m ² + 496.7 m ² = 8,387.8 m ²	
Existing Parking Space		84	107
Existing Barrier Free Parking			2
Bicycle Parking			15



SITE CONTEXT



SITE LAND USE ZONING MAP



SITE IMAGE 1



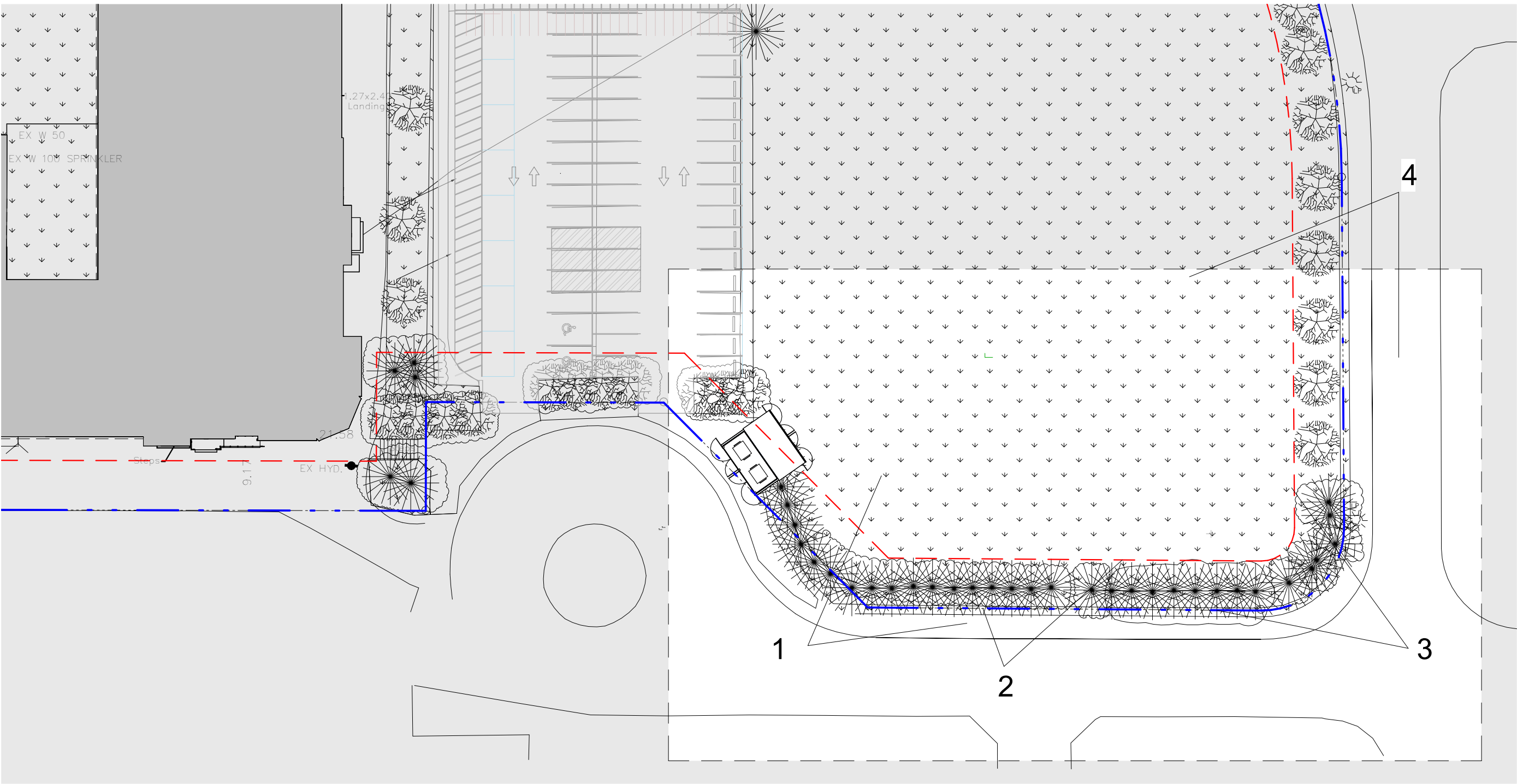
SITE IMAGE 2



SITE IMAGE 3



SITE IMAGE 4



2 SITE PLAN SITE IMAGES
DP001 Scale: 1 : 500

CLIENT LOGO

TRUE NORTH

PROJECT NORTH

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PROJECT

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INNOVATION CENTER

4414 CROWCHILD TRAIL SW
CALGARY, AB T2T 5J4

TITLE

PROJECT STASTICS / SITE
CONTEXT

WALTERFEDY

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DATE:	2026-07-23	DP001
PROJECT NO:	2025-4021	
DRAWN BY:	MAC GARVIN	
CHECKED BY:	PETER SCHULZ	

DESIGN NARRATIVE

Constructed from shipping containers, the Innovation Center provides a cost-effective and rapidly deployable solution that can adapt to the evolving needs of Masters Academy. Its modular design allows the facility to be expanded, disassembled, or relocated in the future, ensuring long-term flexibility and continued use.

Designed to support learning, collaboration, and innovation, the center accommodates two cohorts of 25 students at a time. Dedicated spaces for experimentation, project-based learning, and teamwork are organized around a central atrium, which serves as the heart of the building. This shared gathering space promotes interaction between students while bringing natural light deep into the interior.

A continuous wood screen wraps the exterior of the building, softening the industrial character of the shipping containers and helping the structure blend into the surrounding trees on site. Integrated wood shutters animate the facade and reference the residential character of the neighboring community while providing daylight control for the classroom spaces. Together, these elements create a thoughtful transition between the residential context, the school yard, and the adjacent Military Museum.

To further break down the perceived mass of the building and reinforce its innovative identity, an additional non occupiable shipping container is cantilevered above the central atrium. This functions as a clerestory, introducing natural light into the classrooms below while being a visible landmark and branding opportunity for the Innovation Center. The result is an inspiring place where students can imagine, design, build, and learn.



SOUTH EAST VIEW



NORTH WEST VIEW



SOUTH VIEW



NORTH WEST VIEW



SOUTH VIEW



NORTH EAST VIEW

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PROJECT

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INNOVATION CENTER

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TITLE

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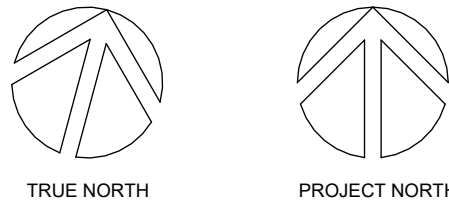
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PROJECT

MASTER'S ACADEMY
INNOVATION CENTER

4414 CROWCHILD TRAIL SW
CALGARY, AB T2T 5J4

TITLE

OVERALL SITE PLAN

WALTERFEDY

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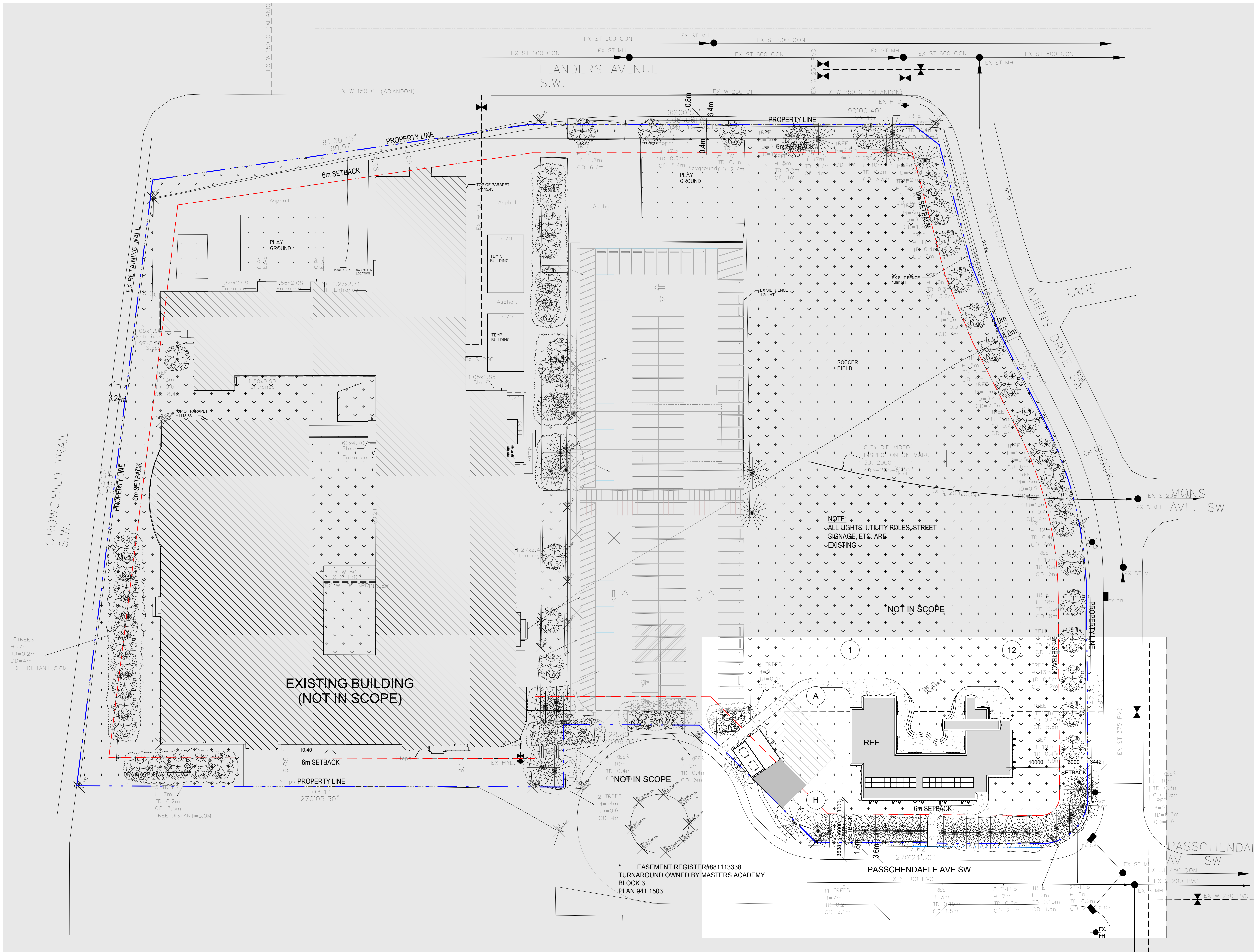
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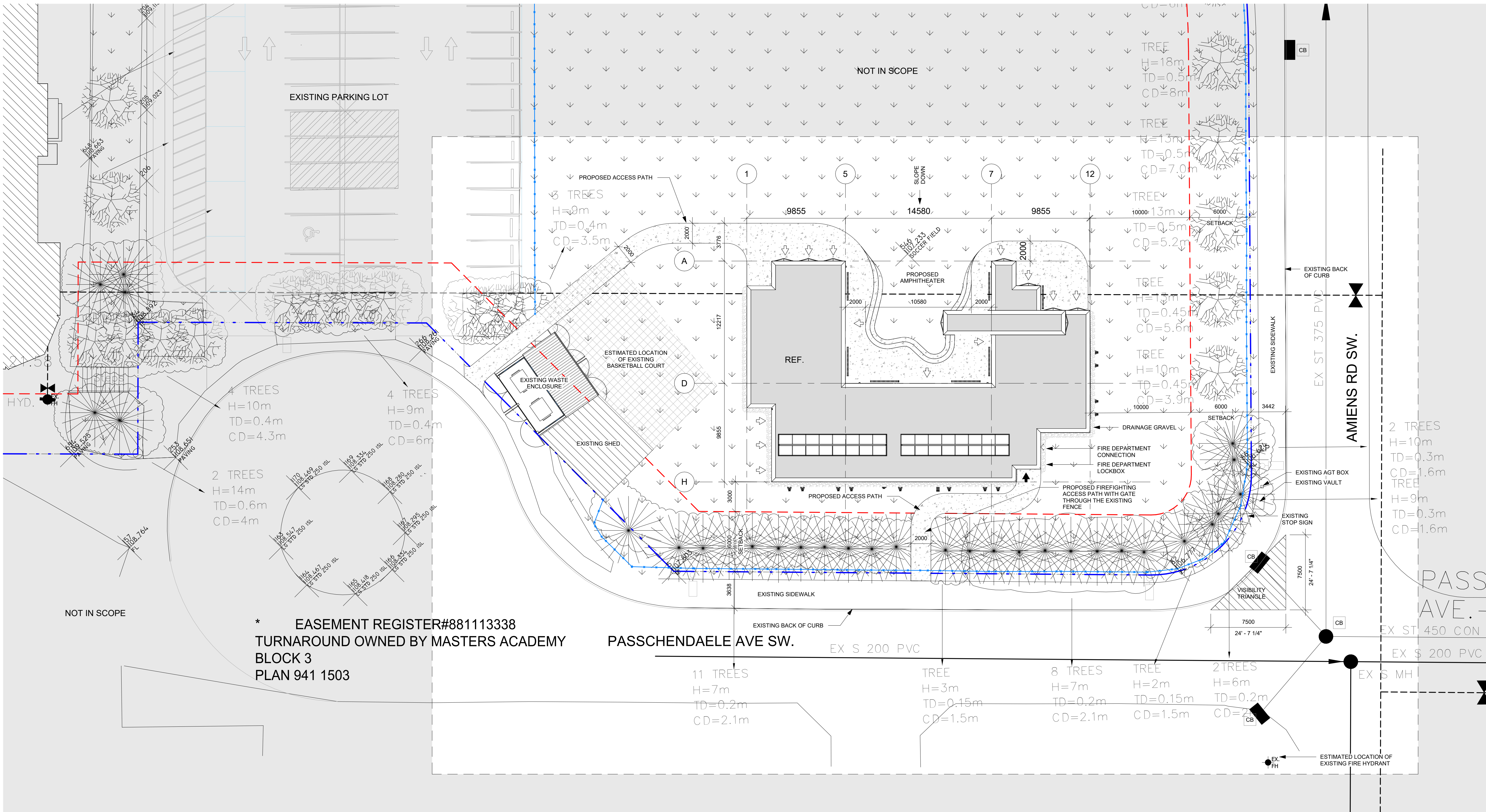
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DP100



1 OVERALL SITE PLAN
Scale: 1 : 400



1 ENLARGED SITE PLAN
DP101 Scale: 1 : 200

SITE PLAN LEGEND:			
	PRIMARY ENTRANCE		FENCING - REFER TO LANDSCAPE
	SECONDARY ENTRANCE		SETBACKS
	EXISTING BUILDINGS TO REMAIN		PROPERTY LINES (LEGAL METES & BOUNDS)
	CATCH BASIN - REFER TO CIVIL		EASEMENT
	FIRE HYDRANT - REFER TO CIVIL		EXISTING CURB TO REMAIN
	EXISTING FIRE HYDRANT - REFER TO CIVIL		REINFORCED CONCRETE
	LIGHT STANDARD - REFER TO ELEC		FIRE DEPARTMENT CONNECTION
			SITE PLAN DRAWING NOTE
			NOT IN SCOPE

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TITLE

ENLARGED SITE PLAN

WALTERFEDY

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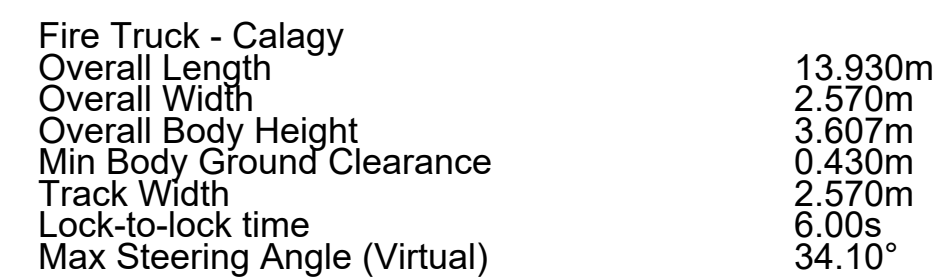
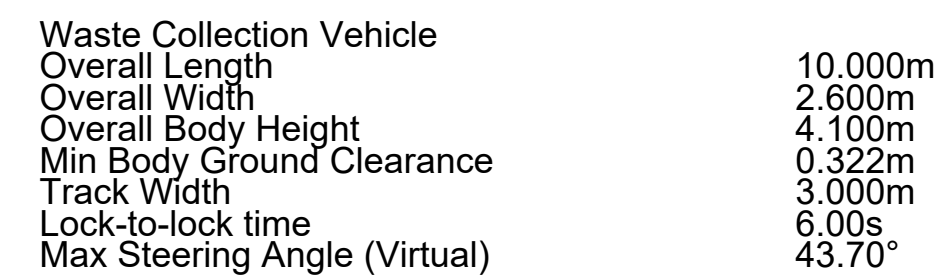
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DP101



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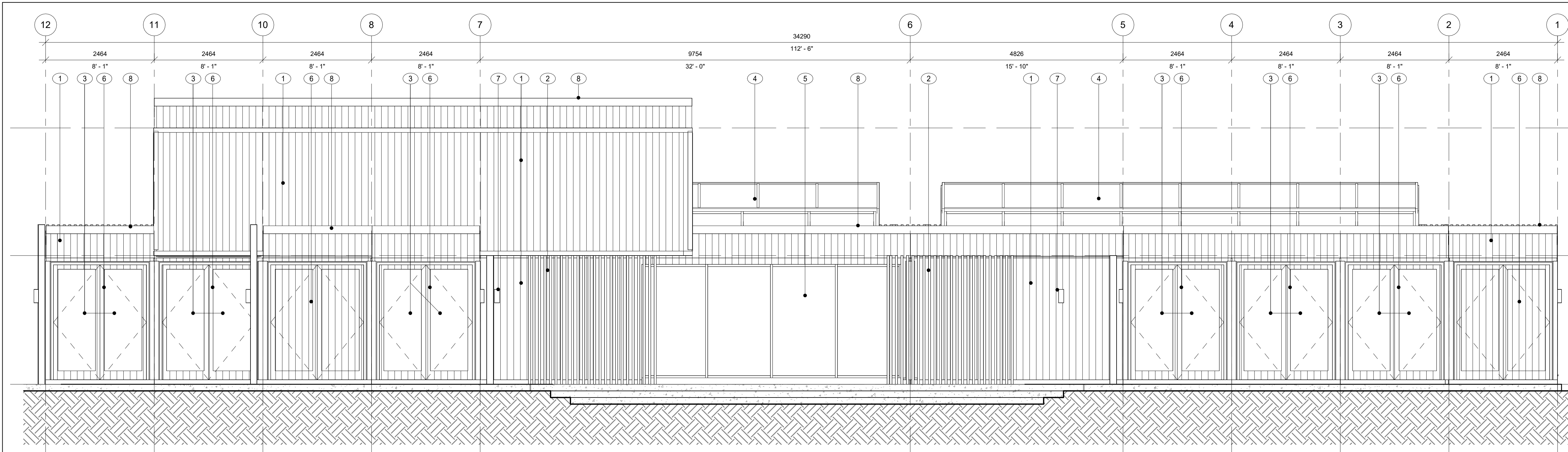
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PROJECT MASTER'S ACADEMY INNOVATION CENTER 114 CROWCHILD TRAIL SW CALGARY, AB T2T 5J4
TITLE VEHICLE TURNING ANALYSIS
WALTERFEDY WalterFedy Architecture Inc. operating as WalterFedy TORONTO CALGARY EDMONTON KITCHENER HAMILTON 800.685.1378 walterfedy.com

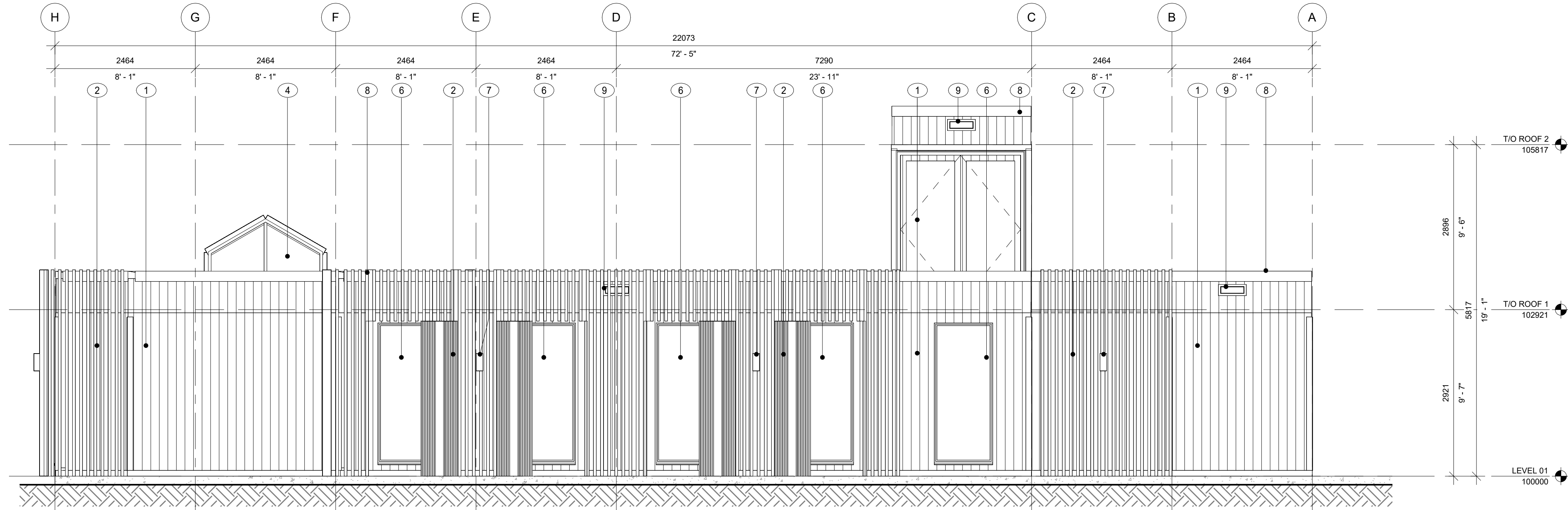
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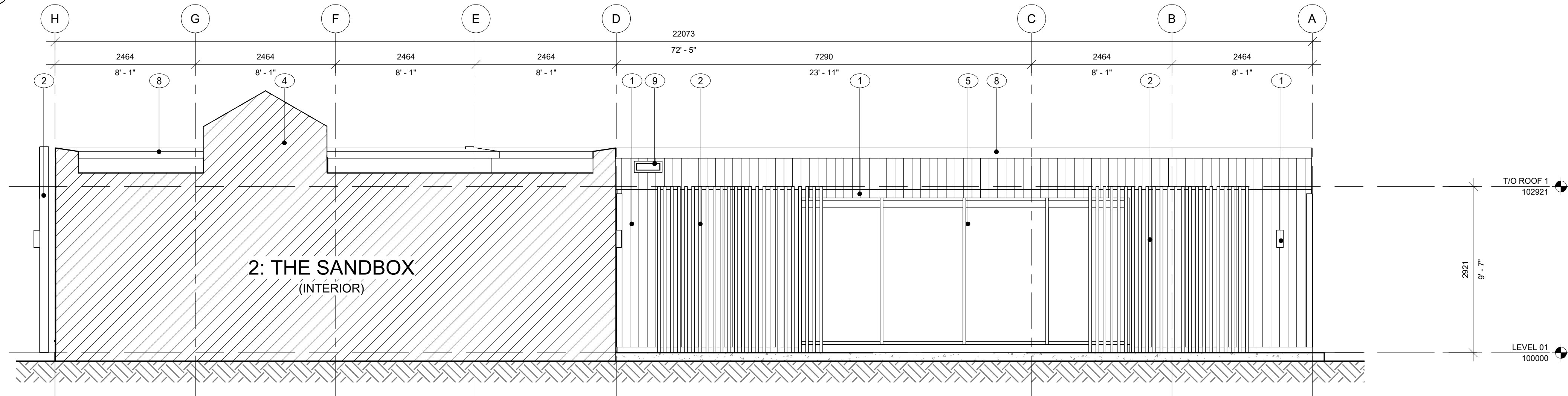
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1 NORTH ELEVATION
Scale: 1 : 50



2 EAST ELEVATION
Scale: 1 : 50



3 EAST COURTYARD ELEVATION
Scale: 1 : 50

MATERIAL LEGEND	
1	EXISTING SEA-CAN METAL CLADDING - PAINTED GREEN
2	VERTICAL WOOD SLAT SUNSHADE
3	THERMALLY BROKEN INSULATED GLAZING UNIT, LOW-E COATING
4	THERMALLY BROKEN INSULATED SKYLIGHT UNIT, LOW-E COATING
5	DOUBLE GLAZING SLIDING DOOR C/W ANODIZED FRAME COLOUR: GREY
6	PAINTED INSULATED METAL DOOR COLOUR: GREEN
7	WALL MOUNTED DOWN LIGHT COLOUR - BLACK
8	PARAPET CAP FLASHING - PAINTED GREEN (TO MATCH CLADDING)
9	EMERGENCY SCUPPER - PAINTED GREEN (TO MATCH CLADDING)

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PROJECT

MASTER'S ACADEMY
INNOVATION CENTER

4414 CROWCHILD TRAIL SW
CALGARY, AB T2T 5J4

TITLE

BLDG ELEVATIONS

WALTERFEDY

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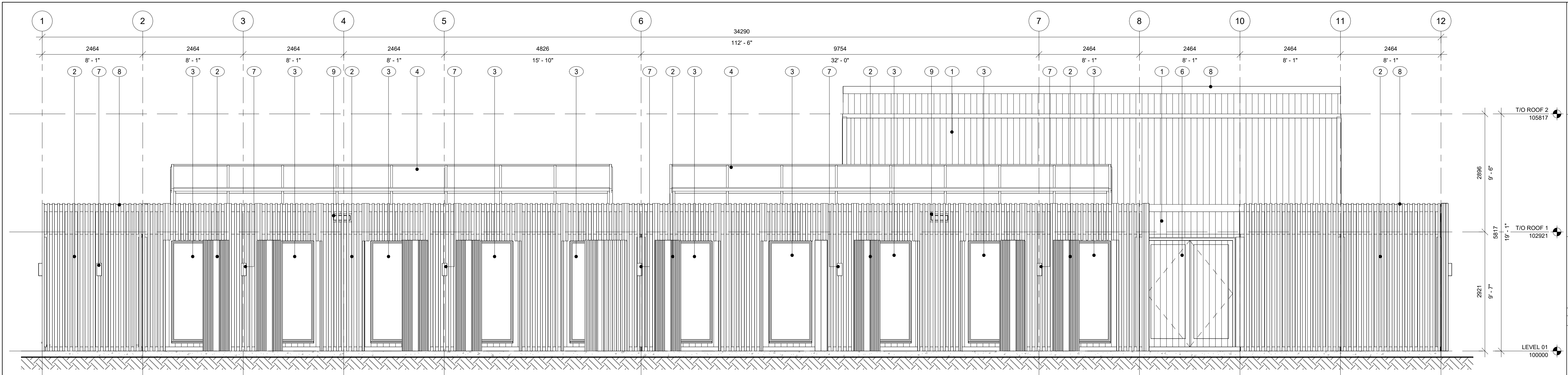
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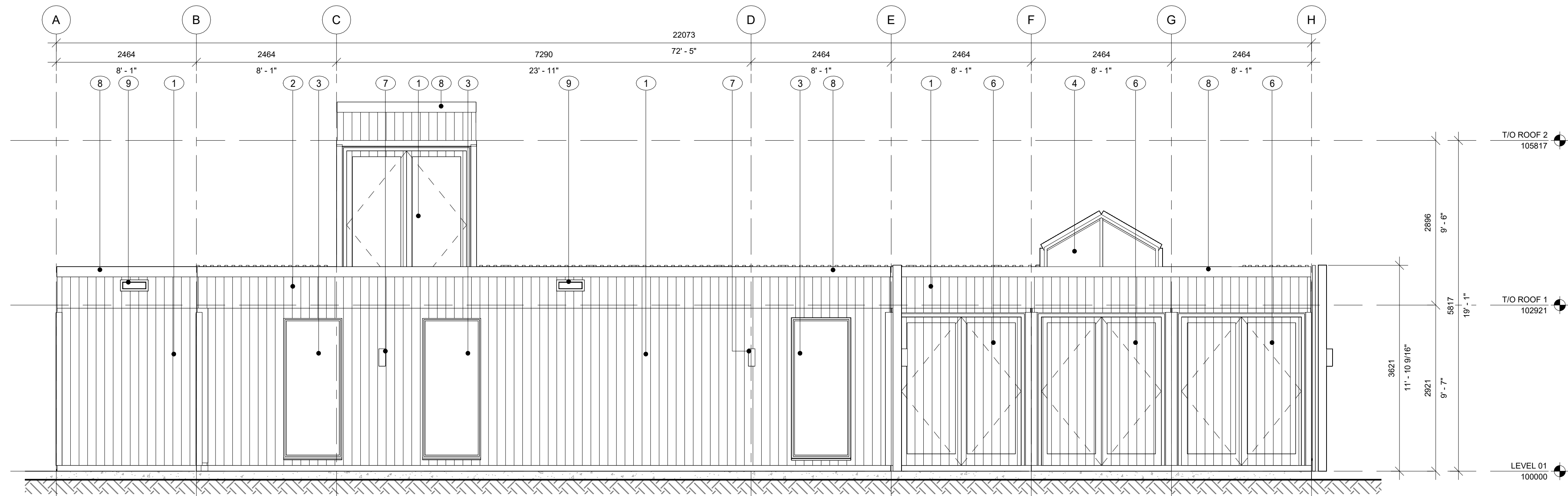
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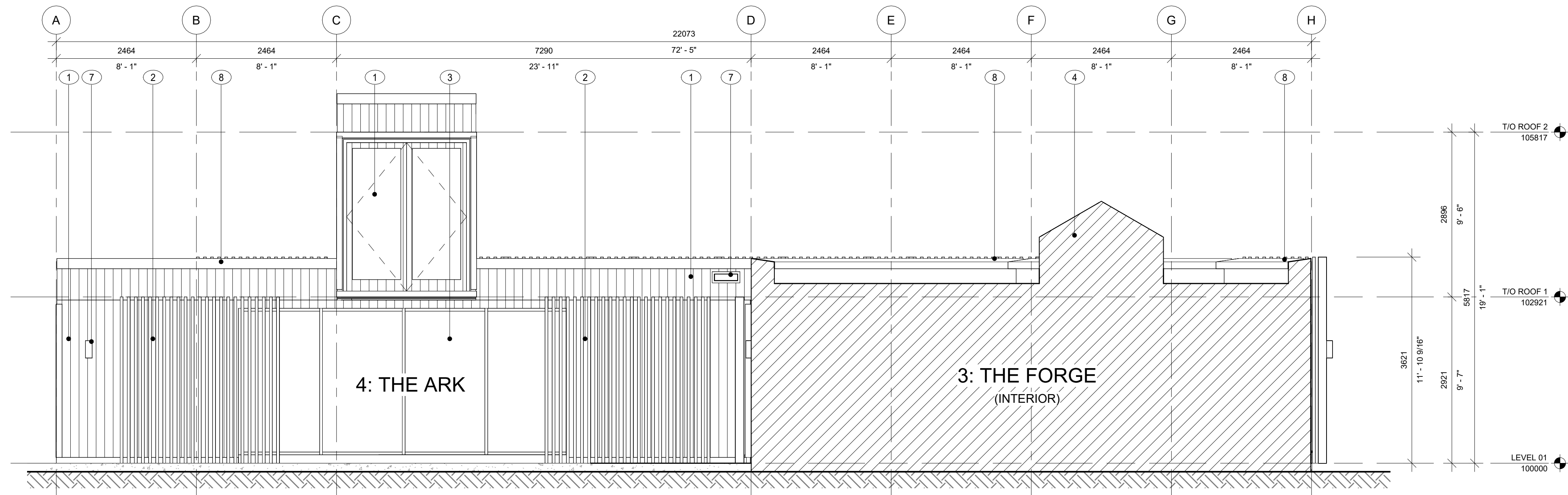
DP300



1 SOUTH ELEVATION
DP301 Scale: 1 : 50



2 WEST ELEVATION
DP301 Scale: 1 : 50



3 WEST COURTYARD ELEVATION
DP301 Scale: 1 : 50

MATERIAL LEGEND	
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DP301