Llangatwg Community Comprehensive School

Existing Overview (incl. Site Levels & Car Parking No's)

Residential area to the south-west of the site. Located just behind the school boundary walls

Inlet 1

Residential area to the north of the site behind a row of mature trees

Existing HV fed from main substation to secondary substation

Watercourse: Covered Culvert (825mm Concrete)

Inlet 2

S1

Neath Coachbuilders

Existing drainage?? No visible manholes - area covered in thick overgrowth (Japanese Knotweed)

Gas Sub.

Water Valve

Implement Traffic Management consideration off busy junction at peak school times

Protect Existing incoming WATER

Protect Existing incoming GAS

Water Main

FH

Street lighting and road warning signage along the southern boundary

6no residential propoerties - opposite side of the road

Drainage (DCWW SS76998204) 300mm concrete (combined??)

A4230

Penscynor

Penscynor

Princes Trust Store

ABONT

Music Classroom

1-5B - Phasing Base

1 - 500

- Existing Trees (**to remain)
- Existing LIVE School Buildings
- +10.00 Existing School Levels
- +10.00 Proposed Site Levels
- Heras Type Fencing with Counterweight Bases
- Solid Hoarding with Fixed Posts
- Solid Hoarding with Precast Concrete Support Bases laid on Existing Road Surface
- Site Accommodation/ Welfare
- G Lockable Vehicle Gates
- Crossing Point for Construction Personnel
- Tree Felling/ Root Protection
- Construction Traffic Routes
- School Pedestrian Routes
- School Vehicle/ Traffic Route
- Construction Zone
- School Occupied Zone

Existing Car Parking Provision:

Existing Car Parking Spaces = 74no.

In addition, there are a handful of vehicles parking ad-hoc around the school (e.g. school minibus, etc.)

Llangatwg Community Comprehensive School

Timeslice 1:

Site Prep. Works: Site Set-up/ Demo/ Service Diversions/ Groundworks

Inlet 1

286.7 m

Heras Fencing

Install heras fencing along the north & eastern boundaries to secure the site from unauthorised access.

Install solid hoarding along the Phase 1 southern & eastern boundaries to protect adjacent school footpaths/ fire escape routes/ school buildings, providing security and a physical barrier to mitigate the impact of noise & dust

Solid Hoarding with ball stop fencing

Watercourse: Covered Culvert (825mm Concrete)

Inlet 2

S1

Decant Caretakers House & demolish & remove from site. Make good ground & lay temporary tarmac for staff car parking

Construct a temporary haul road through the site (as indicated) to enable the earthworks & water treatment works to commence

Remove fencing, vegetation, shrubs & hedgerows and strip topsoil

Commence retaining wall from Wk. 5

Construct 17no. temporary car parking spaces on grass verge with membrane, terram & stone (must protect tree roots)

Gas Sub.

Water Valve

Penscynnor

A4230

Caretakers House

Princes Trust Store

ABONT

Music Classroom

Solid Hoarding

Decant Princes' Trust Store, ABONT & Music Classroom and remove from site to enable car park construction

Dig, remove and dispose off-site all known Japanese Knot-weed (to treatment spec) & locate, identify and disconnect drainage if applicable in the first 4wks

Fell large tree

Fell trees & form crossover/ entrance

Tree root protection

S185 approval required for connection to existing combined sewer

Initial site compound for earthworks/ demo/ car parking works

Main Gate-person (& Control Point)

G1

Construct temporary crossover & dig through heavy vegetation/ grass verge for early demolition, car park works and site compound

Install solid hoarding along the southern to protect adjacent footpath and road users, providing security and a physical barrier to mitigate the impact of noise and dust

Prog: Wk. 1 to 8

1. Start on site 05.01.262.
2. Install initial site accommodation/ welfare
3. Decant terrapin classrooms & demolish (& make good)
4. Site clearance & hoarding installed & arboricultural works
5. Undertake Japanese Knot-weed removal works to the NE corner by Wk 4 to enable the retaining wall to commence.
6. Following topsoil strip lay stone platform for construction vehicles (crane/ MEWPs)
7. Divert existing combined sewer
8. Divert existing Water & Gas mains (location/ depth TBC)
9. Complete cut & fill exercise by Wk. 6
10. Commence substructure/ founds on Wk. 7

2025				2026											2027												2028											
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Possible advanced works (hoarding/ entrances)

05/01/26

02/03/26

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- +10.00 Existing School Levels
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- School Vehicle/ Traffic Route
- Construction Zone
- School Occupied Zone

Existing Car Parking Provision:

Existing Car Parking Spaces = 74no.

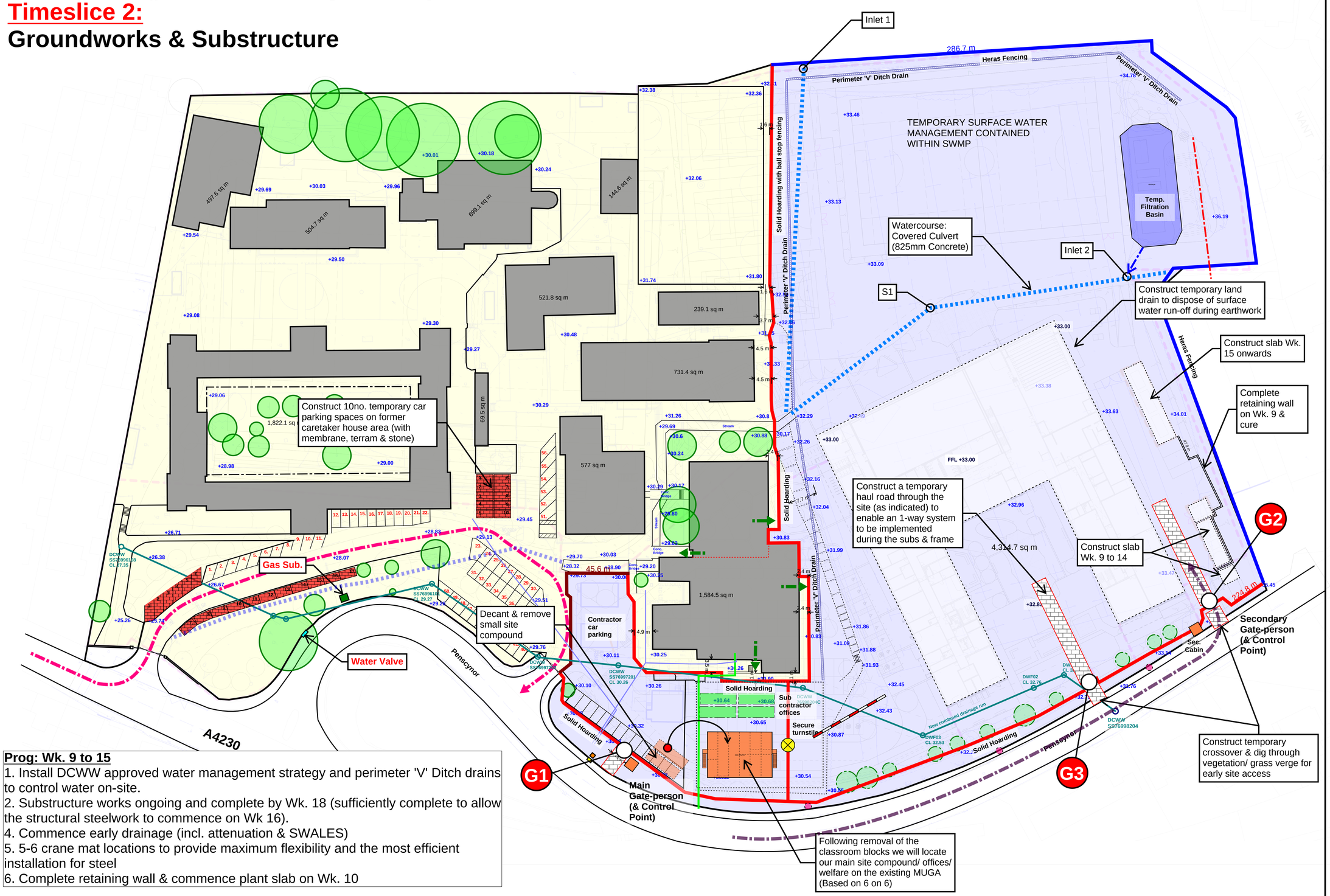
Phase 1 Loss of Car Parking Spaces = 17no.

Temporary provision for 17 car parking spaces made on grass verge.

Llangatwg Community Comprehensive School

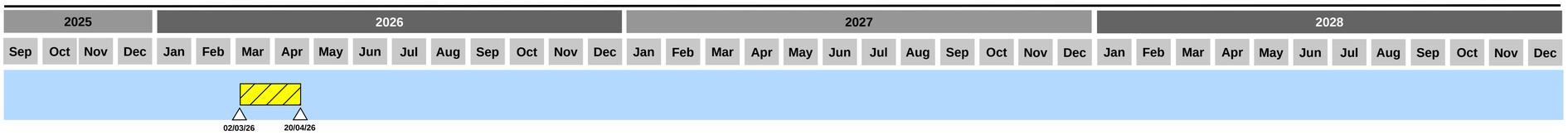
Timeslice 2:

Groundworks & Substructure



Prog: Wk. 9 to 15

1. Install DCWW approved water management strategy and perimeter 'V' Ditch drains to control water on-site.
2. Substructure works ongoing and complete by Wk. 18 (sufficiently complete to allow the structural steelwork to commence on Wk 16).
4. Commence early drainage (incl. attenuation & SWALES)
5. 5-6 crane mat locations to provide maximum flexibility and the most efficient installation for steel
6. Complete retaining wall & commence plant slab on Wk. 10



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Existing Car Parking Provision:

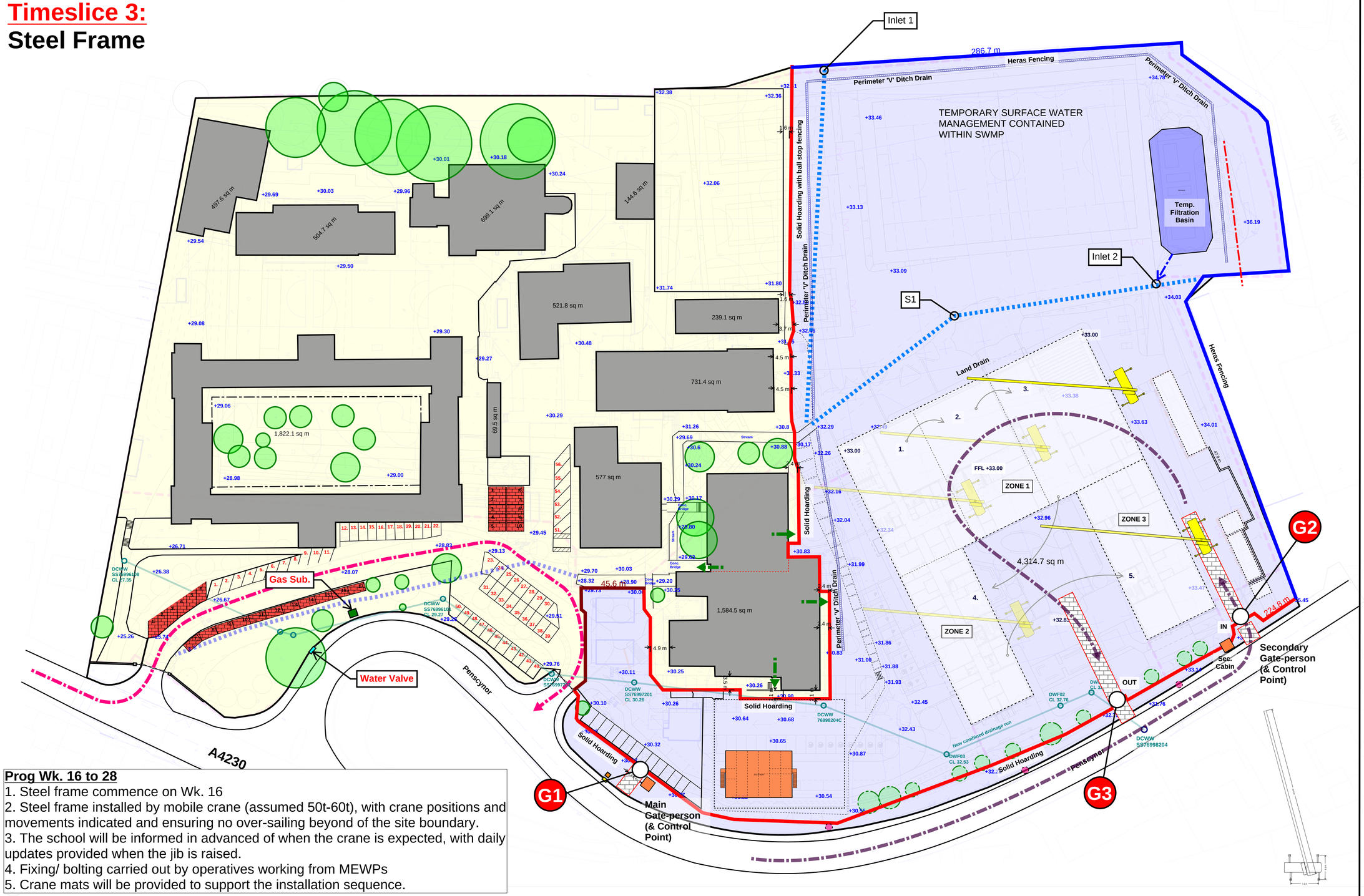
74no. Car Parking spaces available during this phase

10 additional car parking spaces made available on the former Caretaker House site for School Use

Llangatwg Community Comprehensive School

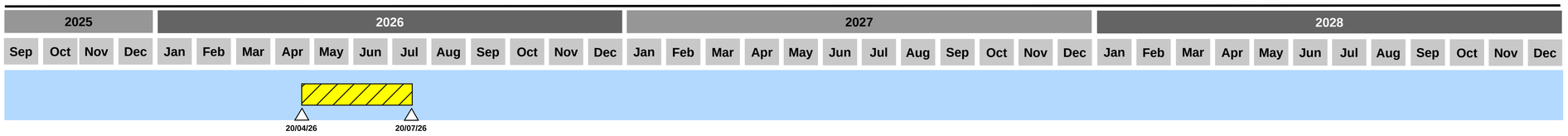
Timeslice 3:

Steel Frame



Prog Wk. 16 to 28

1. Steel frame commence on Wk. 16
2. Steel frame installed by mobile crane (assumed 50t-60t), with crane positions and movements indicated and ensuring no over-sailing beyond of the site boundary.
3. The school will be informed in advanced of when the crane is expected, with daily updates provided when the jib is raised.
4. Fixing/ bolting carried out by operatives working from MEWPs
5. Crane mats will be provided to support the installation sequence.



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Existing Car Parking Provision:

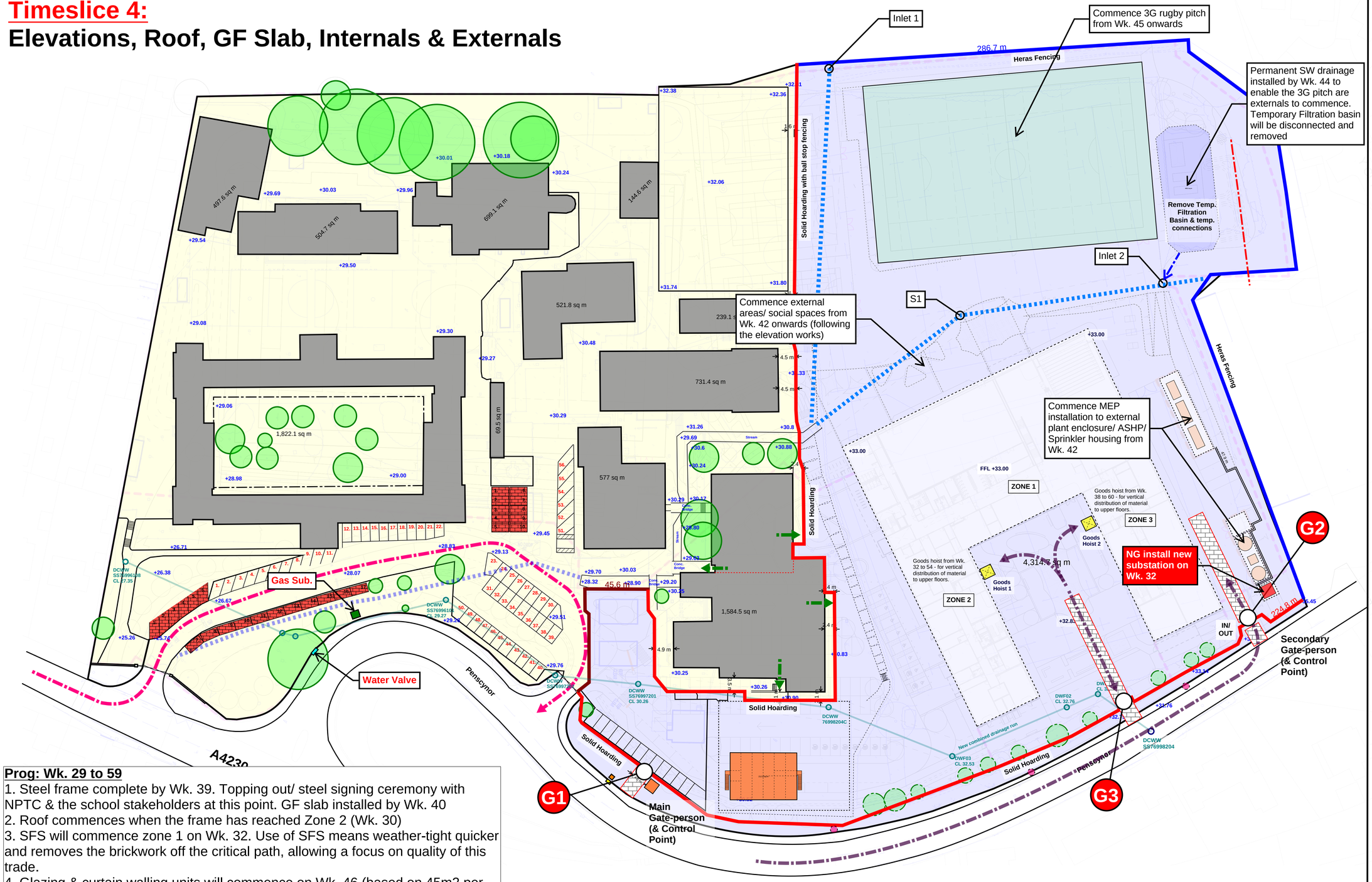
74no. Car Parking spaces available during this phase

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Llangatwg Community Comprehensive School

Timeslice 4:

Elevations, Roof, GF Slab, Internals & Externals



Prog: Wk. 29 to 59

1. Steel frame complete by Wk. 39. Topping out/ steel signing ceremony with NPTC & the school stakeholders at this point. GF slab installed by Wk. 40
2. Roof commences when the frame has reached Zone 2 (Wk. 30)
3. SFS will commence zone 1 on Wk. 32. Use of SFS means weather-tight quicker and removes the brickwork off the critical path, allowing a focus on quality of this trade.
4. Glazing & curtain walling units will commence on Wk. 46 (based on 45m2 per week per gang). 2 sections of glazing within the courtyard will be left last to allow for material hoist access to upper floors.
5. Final elevational: brickwork/ cavities/ cladding/ canopies Wk. 42 to 68. Fully watertight by Wk. 55
6. Initial fit-out commence for partitions, containment & pipework from Wk. 34

2025				2026											2027												2028											
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20/07/26 — 22/02/27

- Existing Trees (**to remain*)
- Existing LIVE School Buildings
- **+10.00** Existing School Levels
- **+10.00** Proposed Site Levels
- Heras Type Fencing with Counterweight Bases
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Existing Car Parking Provision:

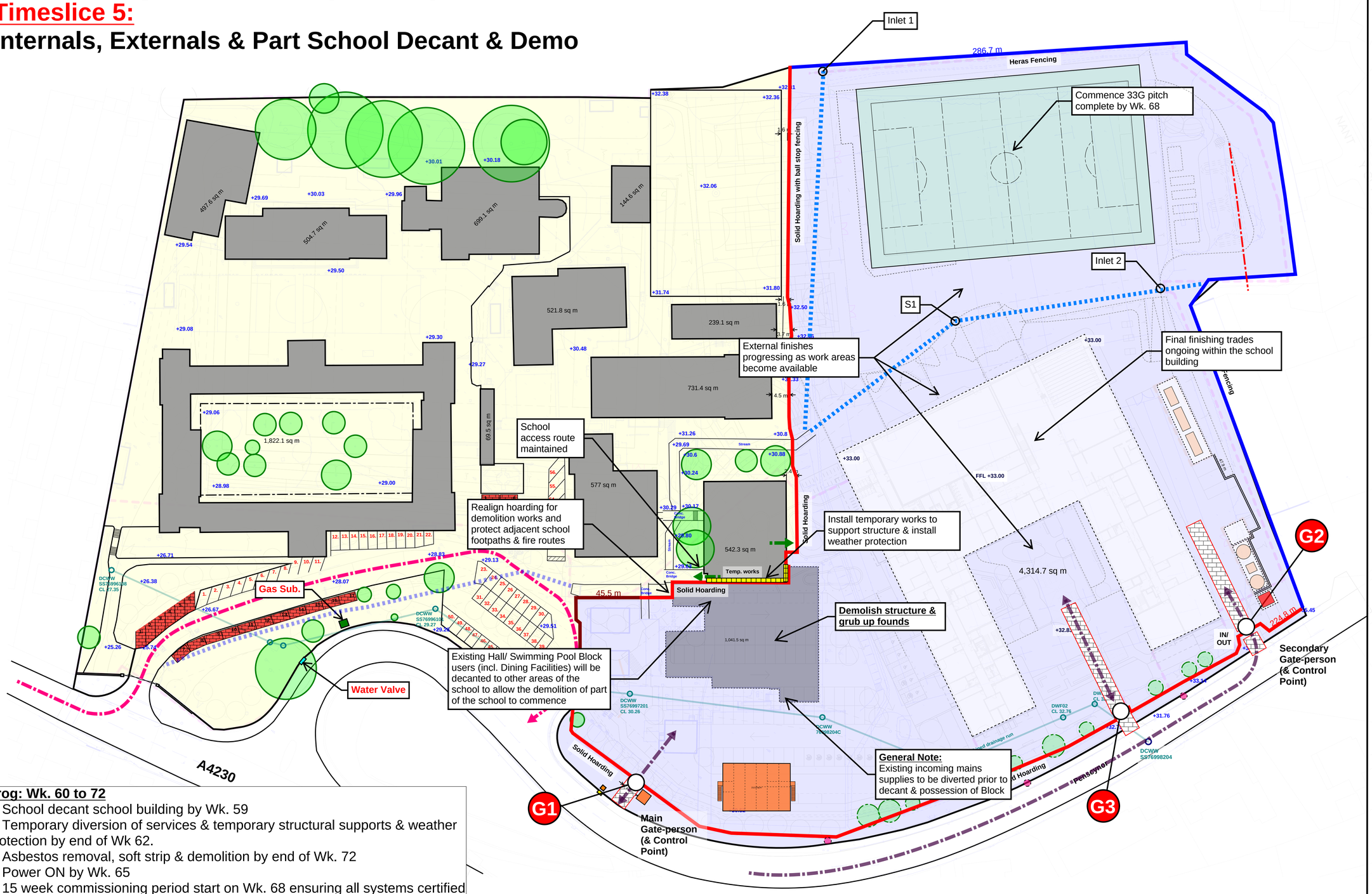
74no. Car Parking spaces available during this phase

10 additional car parking spaces made available on the former Caretaker House site for School Use

Llangatwg Community Comprehensive School

Timeslice 5:

Internals, Externals & Part School Decant & Demo



Prog: Wk. 60 to 72

1. School decant school building by Wk. 59
2, Temporary diversion of services & temporary structural supports & weather protection by end of Wk 62.
3. Asbestos removal, soft strip & demolition by end of Wk. 72
4. Power ON by Wk. 65
5. 15 week commissioning period start on Wk. 68 ensuring all systems certified and witnessed prior to

New staff car parking works start from Wk. 73

2025				2026										2027										2028											
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22/02/27 24/03/27

- Existing Trees (**to remain*)
- Existing LIVE School Buildings
- +10.00 Existing School Levels
- +10.00 Proposed Site Levels
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Existing Car Parking Provision:

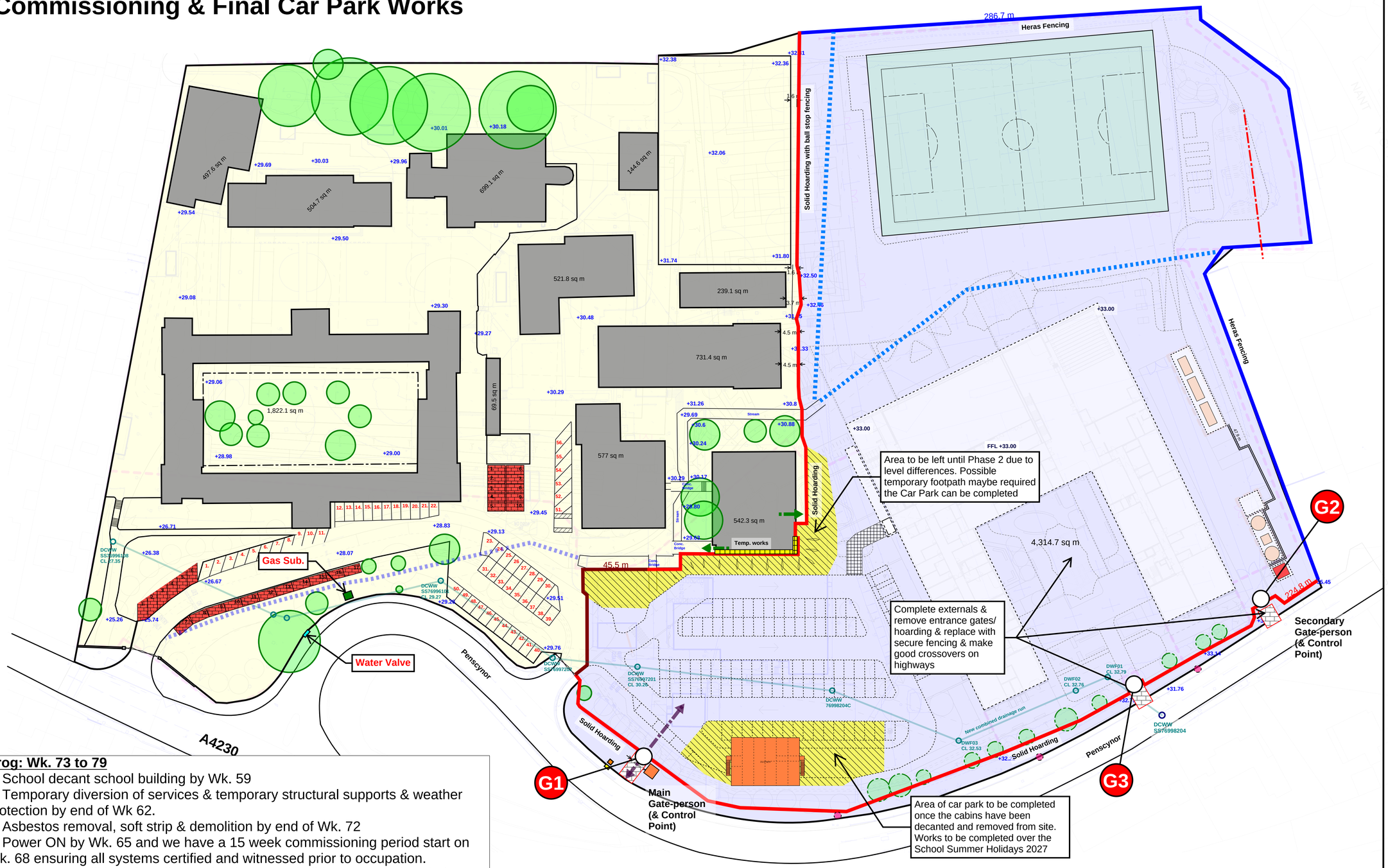
74no. Car Parking spaces available during this phase

10 additional car parking spaces made available on the former Caretaker House site for School Use

Llangatwg Community Comprehensive School

Timeslice 6:

Commissioning & Final Car Park Works



Prog: Wk. 73 to 79

1. School decant school building by Wk. 59
2. Temporary diversion of services & temporary structural supports & weather protection by end of Wk 62.
3. Asbestos removal, soft strip & demolition by end of Wk. 72
4. Power ON by Wk. 65 and we have a 15 week commissioning period start on Wk. 68 ensuring all systems certified and witnessed prior to occupation.
6. Some areas will be left until the school summer holidays to complete & decant / re-occupy areas
7. New staff car parking works start from Wk. 73
8. Commence New bus-drop off area to be undertaken 2w prior to summer holiday and the 6w summer holidays Wk 77-85

2025				2026												2027												2028											
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24/03/27 — 12/07/27

- Existing Trees (**to remain*)
- Existing LIVE School Buildings
- +10.00 Existing School Levels
- +10.00 Proposed Site Levels
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- Construction Zone
- School Occupied Zone

Existing Car Parking Provision:

74no. Car Parking spaces available during this phase

10 additional car parking spaces made available on the former Caretaker House site for School Use

Llangatwg Community Comprehensive School

Timeslice 7:

Works during School Summer Holiday [End of Phase 1 & Start of Phase 2]

During the school summer holiday 2027 - we will install a solid hoarding along the south and eastern boundaries that interface with school areas with high-pupil movements (shown in red). A Heras type fencing will be installed to the remaining perimeter (shown in blue) in lower risk areas

Fell trees

Bus lay-by kerbs & tarmac will be constructed during the summer holidays. The pavement is too close to the demolition areas so this will be completed in phase 2

Fell trees

Fell trees

Realign hoarding for Phase 2 works to protect adjacent school car park

Shared access with School during Phase 2. Our gate-man will control all vehicle movements through this gate to ensure the School has priority

Main Gate-person (& Control Point)

G1

A4230

Phase 2 site compound located on the former school car park

Penscynor

Relocate gate-man cabin and make good crossover & install new fence

Solid Hoarding

Decant & remove main site compound & install a smaller set-up for Phase 2

Complete externals & remove entrance gates/ hoarding & replace with secure fencing & make good crossovers on highways

Complete car park following cabin removal

Heras Fencing

Solid Hoarding with ball stop fencing

Temp. works

FFL +33.00

4,314.7 sq m

New combined drainage run

Prog: Wk. 80 to 85

1. Phase 1 complete by Wk. 85
2. Decant site compound and relocate to a smaller satellite set-up for Phase 2 & complete car park
3. Commence New bus-drop off area to be undertaken 2w prior to summer holiday + the summer holidays Wk 77-85
4. School decant existing school - 19/07/27 to 09/08/27 (for 3wks)

2025				2026												2027												2028											
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12/07/27 23/08/27

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Llangatwg Community Comprehensive School

Timeslice 9:

Phase 2 - Demolition

Following completion of Phase 1; and the school has relocated into the new school building (decanted from existing school builings) - we will relocate our site hoarding and vehicle gates to positions shown. We will position our hoarding lines away from the proposed/ existing pedestrian routes and fire escape routes ensuring protective buffer zones are maintained. Special attention is required to areas along the school bus drop-off and front and side of the new school car park where narrow footpaths/ routes are shared. We will install a 3m high solid impact hoarding along the edge of these footpaths to ensure the footpath are maintained for school use.

Commence Block (1) first and work our way into the school site. Temporary protection required along the culvert to prevent debris/ material from entering the watercourse during the demolition works

Our gate-man will supervise vehicle movements on the main entrance (& shared access) to ensure school vehicles remain a priority and enforce construction delivery curfews

Lockable Vehicle gate (kept in the closed position when not in use

Install temporary bridges to span the culvert for demolition/ ground-work ccess

Install a temporary pedestrian crossing for safe access across the bus drop-off zone

Lockable pedestrian gate (kept in the closed position when not in use

Main Gate-person (& Control Point)

Secondary Gate-person (& Control Point)

Phase 2 site compound located on the former school car park

Heras Fencing

Solid Hoarding with ball stop fencing

Temp. Bridge to span culvert

Temp. works

Penscynor

A4230

Prog: Wk. 86 to 92

1. Demolish & remove Blocks 1, 2, 3 & 4a by end of Wk. 92 to enable the completion of the car park, footpaths, bus drop-off and commence the culvert diversion works
2. Blocks 4, 5, 6, 7 & 8 asbestos removal and soft strip activities will be undertaken

1 1-5B - Phasing Base 1 : 500

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23/08/27 — 11/10/27

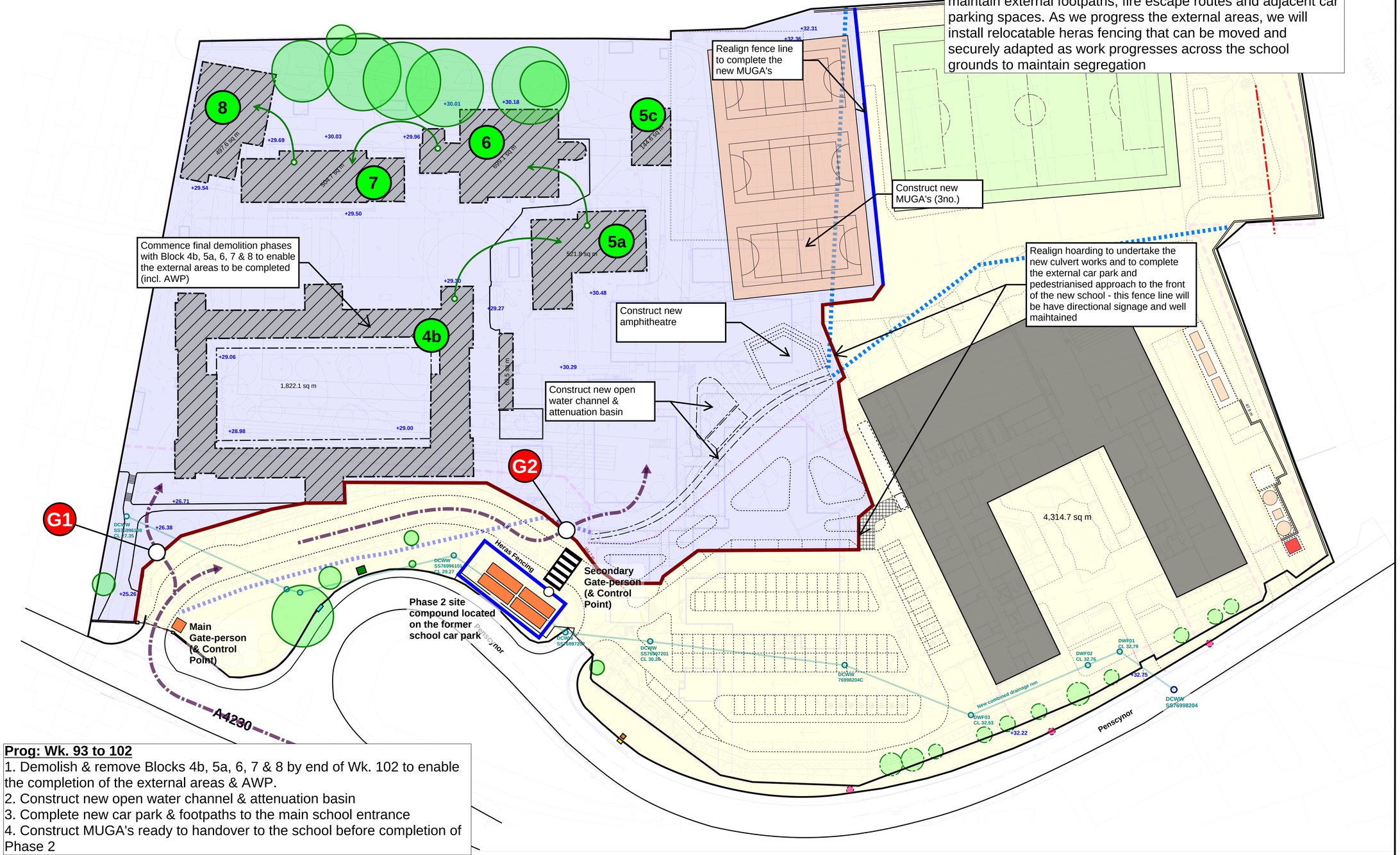
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- Construction Zone
- School Occupied Zone
- 1 Demolition Sequence

Llangatwg Community Comprehensive School

Timeslice 10:

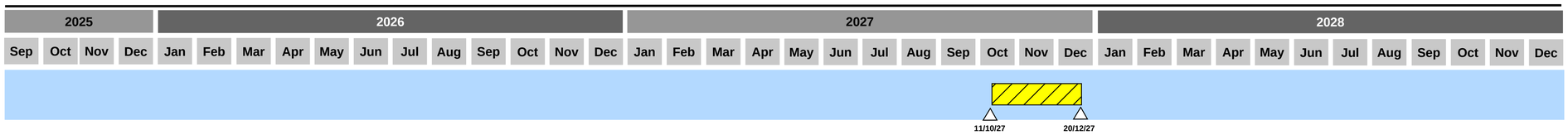
Phase 2 - Demolition/ SW Culvert Works/ Complete Access Routes

Upon removal of Blocks 1, 2, 3 & 4a allows us to commence the final phases of the works with the demolition of Blocks 4b, 5a, 6, 7 & 8 and the formation of the external landscaping. We will ensure the perimeter secure hoarding will be positioned to maintain external footpaths, fire escape routes and adjacent car parking spaces. As we progress the external areas, we will install relocatable heras fencing that can be moved and securely adapted as work progresses across the school grounds to maintain segregation



Prog: Wk. 93 to 102

1. Demolish & remove Blocks 4b, 5a, 6, 7 & 8 by end of Wk. 102 to enable the completion of the external areas & AWP.
2. Construct new open water channel & attenuation basin
3. Complete new car park & footpaths to the main school entrance
4. Construct MUGA's ready to handover to the school before completion of Phase 2



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- School Occupied Zone
- 1 Demolition Sequence

Llangatwg Community Comprehensive School

Timeslice 11:

Phase 2 - Complete Externals

Complete externals & AWP

Realign hoarding for completion of bus drop-off footpath. NB: maybe out-of-hours working or weekends due to close proximity to drop-off areas during term time

MUGA's available for school use

Full car park & entrance footpath available for school use

4,314.7 sq m

Heras Fencing

Main Gate-person (& Control Point)

Phase 2 site compound located on the former school car park

G1

A4230

Penscynor

New combined drainage run

Prog: Wk. 103 to 124

1. Car park, MUGA's & open water channel & Amphitheatre are all complete by end of Wk. 102 - and available for school use.
2. Following the completion of the demolition works, works to AWP will be undertaken and the footpath to the bus drop-off finished.

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20/12/27 — 25/05/28

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- 1 Demolition Sequence