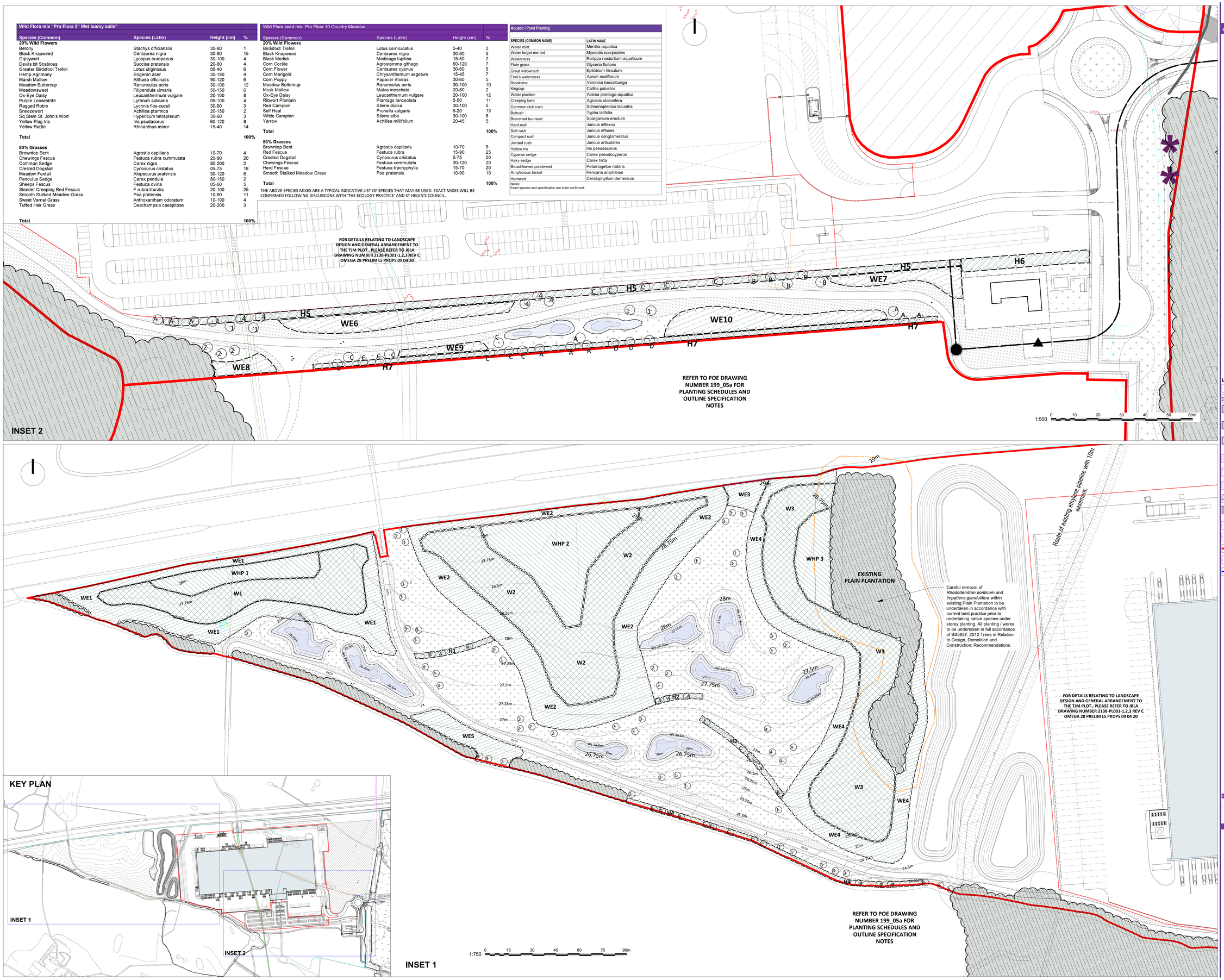
Wild Flora mix "Pro Flora 5" Wet loamy soils"			
Species (Common)	**Species (Latin)**	**Height (cm)**	**%**
20% Wild Flowers			
Betony	Stachys officianalis	30-80	1
Black Knapweed	Centaurea nigra	30-80	15
Gipsywort	Lycopus europaeus	30-100	4
Devils bit Scabious	Succisa pratensis	20-80	4
Greater Birdsfoot Trefoil	Lotus uliginosus	05-40	6
Hemp Agrimony	Erigeron acer	30-180	4
Marsh Mallow	Althaea officinalis	90-120	6
Meadow Buttercup	Ranunculus acris	30-100	12
Meadowsweet	Filipendula ulmaria	50-150	6
Ox-Eye Daisy	Leucanthermum vulgare	20-100	8
Purple Loosestrife	Lythrum salicaria	05-100	4
Ragged Robin	Lychnis flos-cuculi	30-80	3
Sneezewort	Achillea ptarmica	20-150	2
Sq.Stem St. John's Wort	Hypericum tetrapterum	30-60	3
Yellow Flag Iris	Iris psudacorus	60-120	8
Yellow Rattle	Rhinanthus minor	15-40	14
Total			**100%**
80% Grasses			
Browntop Bent	Agrostis capillaris	10-70	4
Chewings Fescus	Festuca rubra cummutata	20-90	20
Common Sedge	Carex nigra	80-200	2
Crested Dogstail	Cynosurus cristatus	05-75	18
Meadow Foxtail	Alopecurus pratensis	30-120	6
Pendulus Sedge	Carex pendula	80-150	2
Sheeps Fescus	Festuca ovina	05-60	5
Slender Creeping Red Fescus	F.rubra litoralis	20-100	25
Smooth Stalked Meadow Grass	Poa pratensis	10-90	11
Sweet Vernal Grass	Anthoxanthum odoratum	10-100	4
Tufted Hair Grass	Deschampsia caespitose	20-200	3
Total			**100%**

Wild Flora seed mix: Pro Flora 10 Country Meadow			
Species (Common)	**Species (Latin)**	**Height (cm)**	**%**
20% Wild Flowers			
Birdsfoot Trefoil	Lotus corniculatus	5-40	3
Black Knapweed	Centaurea nigra	30-80	5
Black Medick	Medicago lupilina	15-50	2
Corn Cockle	Agrostemma githago	60-120	7
Corn Flower	Centaurea cyanus	30-60	5
Corn Marigold	Chrysanthemum segetum	15-45	7
Corn Poppy	Papaver rhoeas	30-60	5
Meadow Buttercup	Ranunculus acris	30-100	10
Musk Mallow	Malva moschata	20-80	2
Ox-Eye Daisy	Leucanthemum vulgare	20-100	12
Ribwort Plantain	Plantago lanceolata	5-50	11
Red Campion	Silene dioica	30-100	5
Self Heal	Prunella vulgaris	5-20	13
White Campion	Silene alba	30-100	8
Yarrow	Achillea millifolium	20-45	5
Total			**100%**
80% Grasses			
Browntop Bent	Agrostis capillaris	10-70	5
Red Fescue	Festuca rubra	15-90	25
Crested Dogstail	Cynosurus cristatus	5-75	20
Chewings Fescue	Festuca commutata	30-120	20
Hard Fescue	Festuca trachyphylla	15-70	20
Smooth Stalked Meadow Grass	Poa pratensis	10-90	10
Total			**100%**

THE ABOVE SPECIES MIXES ARE A TYPICAL INDICATIVE LIST OF SPECIES THAT MAY BE USED. EXACT MIXES WILL BE CONFIRMED FOLLOWING DISCUSSIONS WITH 'THE ECOLOGY PRACTICE' AND ST HELEN'S COUNCIL.

Aquatic / Pond Planting	
SPECIES (COMMON NAME)	**LATIN NAME**
Water mint	Mentha aquatica
Water forget-me-not	Myosotis scorpioides
Watercress	Rorippa nasturtium-aquaticum
Flote grass	Glyceria fluitans
Great willowherb	Epilobium hirsutum
Fool's watercress	Apium nodiflorum
Brooklime	Veronica beccabunga
Kingcup	Caltha palustris
Water plantain	Alisma plantago-aquatica
Creeping bent	Agrostis stolonifera
Common club rush	Schoenoplectus lacustris
Bulrush	Typha latifolia
Branched bur-reed	Sparganium erectum
Hard rush	Juncus inflexus
Soft rush	Juncus effuses
Compact rush	Juncus conglomeratus
Jointed rush	Juncus articulates
Yellow iris	Iris pseudacorus
Cyperus sedge	Carex pseudocyperus
Hairy sedge	Carex hirta
Broad-leaved pondweed	Potamogeton natans
Amphibious bistort	Pericaria amphibian
Hornwort	Ceratophyllum demersum

Notes:
Exact species and specification are to be confirmed.



SAFETY - HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards / risks normally associated with the types of work detailed on this drawing, note the following:

Construction

1. No abnormal risk.

Maintenance / Cleaning

1. The Contractor and Facilities Manager are reminded that the perimeter of the site is maintained as fully accessible to the public. In this, all footpaths and roadways, including those upon which soft landscape impacts, are to be maintained in a clean and tidy condition and free from over hanging vegetation.
2. Particular care is to be taken when maintaining shrub planted areas to avoid accidental contact with dangerous waste materials, which may have been discarded in such areas.
3. The use of chemical based herbicides in landscape maintenance is to be discouraged in favour of organically based herbicides.
4. Pruning of trees and shrubs during the bird nesting season must be undertaken following a thorough inspection for the presence or otherwise of active nests.

Decommissioning / Demolition

1. In the event of existing tree removal, all soft landscape areas and trees must first be inspected for the presence of nesting birds and all protected species generally. Ideally, tree and shrub removal should be undertaken outwith of the recognised bird nesting season which is March to September.
2. Prior to the removal of shrub planting, a thorough site cleanse must be undertaken to establish the absence of any potential dangerous waste material, which could cause accidental harm.

It is assumed that all works will be carried out by a competent contractor, working where appropriate, to an approved method statement.This is not an exhaustive list and reference should be made to the Health and Safety Plan. Where no items are indicated no residual risks are thought to be present.

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF ANY WORK. PLACEONEARTH ARE TO BE NOTIFIED OF ANY OMISSIONS OR ERRORS PRIOR TO COMMENCEMENT OF ANY SETTING OUT, WORKS OR ORDERING OF MATERIALS.

DO NOT SCALE FROM THIS DRAWING.
FIGURED DIMENSIONS ONLY ARE TO BE USED.

PLACEONEARTH LTD. CAN NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF INFORMATION PRODUCED BY OTHERS FOR THE PURPOSES OF PRODUCING OUR DRAWINGS I.E. TOPOGRAPHICAL SURVEYS, ARCHITECTS LAYOUTS, AREA MEASUREMENTS ARE PROVIDED FOR INFORMATION ONLY. ANY VERIFICATION OF MEASUREMENTS SHOULD BE SOUGHT FROM A SUITABLY QUALIFIED SURVEYOR.

PLACEONEARTH LTD CAN NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF COMPUTER SOFTWARE USED TO DETERMINE MEASUREMENTS.

EXACT SERVICES LOCATIONS ARE NOT KNOWN AND ARE TO BE CONFIRMED BY THE ENGINEER.
IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO UNDERTAKING ANY WORK OR BREAKING GROUND TO SCAN/CHECK FOR THE LOCATION OF ALL SERVICES AND MARK OUT ON SITE. ANY CONFLICT WITH PROPOSED LANDSCAPE/PLANTING AREAS SHOULD BE REPORTED TO PLACEONEARTH PRIOR TO UNDERTAKING ANY WORKS.

TREE LOCATIONS ARE DEPENDANT ON LOCATION OF ADJACENT/PROPOSED SERVICES AND REQUIRED STANDOFF AND TO BE CONFIRMED BY THE ENGINEER (SEE ABOVE).

ROOT BARRIERS ARE TO BE INSTALLED (WHERE REQUIRED) TO TREES ADJACENT TO SERVICES , BUILDINGS, ROADS AND PATHWAYS AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETRES (UNLESS STATED).

THIS DRAWING IS FOR PLANNING PURPOSES ONLY AND NOT FOR CONSTRUCTION.

LEGEND

- Proposed Extra Heavy Standard / Standard Tree Planting (Refer to Schedules)
- Proposed Native Hedgerow Transplant Planting (Refer to Schedules)
- Proposed Native Woodland Whip Planting (DLF Pht 26 Ecoward Low Maintenance Landscape: Mix Amenity Grass Seed Sown to All Native Woodland Edge Areas. Sowing rate in accordance with manufactures recommendations.) (Refer to Schedules)
- Proposed Native Woodland Planting (DLF Pht 26 Ecoward Low Maintenance Landscape: Mix Amenity Grass Seed Sown to All Native Woodland Edge Areas. Sowing rate in accordance with manufactures recommendations.) (Refer to Schedules)
- Proposed Native Woodland Edge Planting (DLF Pht 26 Ecoward Low Maintenance Landscape: Mix Amenity Grass Seed Sown to All Native Woodland Edge Areas. Sowing rate in accordance with manufactures recommendations.) (Refer to Schedules)
- Proposed Amenity Grass Seeding (DLF Pht 26 Ecoward Low Maintenance Landscape: Mix Amenity Grass Seed or similar approved: Sowing rate in accordance with manufactures recommendations.)
- Proposed Wild Flora / Wildflower Meadow Seeding (DLF Pro Flora 10 Seed Mix (Country Meadow with Annuals) Mix or similar approved: Exact mix to be confirmed. Sowing rate in accordance with manufactures recommendations)
- Proposed Wild Flora Seeding To Attenuation Basin and Margins (DLF Pro Flora 5 Wet Loamy Soils Mix or similar approved: Exact mix to be confirmed. Sowing rate in accordance with manufactures recommendations)
- Proposed Ponds (Habitat Creation) (Exact details TBC)
- Existing Woodland / Trees / Vegetation To Be Retained and Protected (In full accordance with BS 5837:2012 Trees in Relation to Design, Demolition and Construction; Recommendations.)
- Existing Contours
- Proposed Contours
- Proposed Red Line Boundary (Refer to Chelwoods drawings for details)
- Root Protection Area (RPA) Refer to The Ecology Practice Tree Survey for details.
- TJM Site/Plot Boundary

Rev	Date	Description	Designer
C	16 04 20	Note added to TJM plot.	NRW
B	01 04 20	TJM Plot layout revised in line with architects layout. Cycleway alignment revised in line with amended TJM plot.	NRW
A	20.03.20	Schedules added.	NRW

Client
OMEGA ST. HELENS LTD / T.J.MORRIS LIMITED

Project
OMEGA ZONE 8

Title
DETAILED PLANTING PLAN (INFRA DWG 26)

Drawn	Checked	Scale@A1	Issue
NRW/PT	NRW	AS SHOWN	PLANNING

Drawing No.	Date	Revision
POE_199_005b	03/20	C

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