



### LEGEND

- NEW FOUL WATER PUMPED MAIN
- NEW FOUL WATER GRAVITY MAIN
- NEW STANDARD KERB
- NEW DROP KERB
- EXISTING TIMBER FENCE
- PROPOSED 1.2m HIGH TIMBER POST AND 3 RAIL FENCE
- NEW 1.8m HIGH GREEN WELDMESH SECURITY FENCE
- NEW GRASS (HAYMEADOW MIX) - E.G. GERMINAL RE1 (MGS GRASSLAND)
- EXISTING HEDGEROW TO BE RETAINED
- NEW HEDGEROW
- NEW CONCRETE HARD STANDING (AS PER ENGINEERS SPECIFICATION)
- NEW PERMEABLE HARD STANDING (AS PER ENGINEERS SPECIFICATION)
- NEW TYPE 1 (AS PER ENGINEERS SPECIFICATION)
- EXISTING GROUND LEVEL
- FINISHED GROUND LEVEL
- MH/IC MANHOLE / INSPECTION CHAMBER
- NEW BT POLE
- DEMARCATION CHAMBER

### REFERENCES

- JN.497392.0Z0711 PLANNING APPLICATION PUMPING STATION SITE LAYOUT
- JN.497392.0Z0713 INTERMEDIATE PUMPING STATION KIOSK PLINTH PLAN AND SECTION
- JN.497392.0Z0714 PLANNING APPLICATION INTERMEDIATE PUMPING STATION ELEVATIONS

SCALE 1:100

### CURRENT VERSION INFORMATION

B. HEDGEROW PLANTING MIX AMENDED. HEDGE PLANTING ADDED TO NORTH AREA

DATE	DRWN	CHKD	REVD	REV	REASON FOR ISSUE
30.05.2019	DWH	JAS	SG	A	AS BUILT
24.09.2019	GED	NMC	DGM	B	FOR PLANNING

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PROJECT TITLE  
MOUNTFIELD - FIRST TIME SEWERAGE SCHEME

DRAWING TITLE  
NEW INTERMEDIATE PUMPING STATION LANDSCAPE PLAN

SITE UNIT MEMORIC	SITE UNIT NO.
PRN 497392	SCALE 1:100
MASTER SIZE A1	REVISION B

### GENERAL NOTES

- THIS DRAWING IS NOT TO BE SCALED.
- ALL DIMENSIONS ARE IN MILLIMETRES & ALL LEVELS IN METRES ABOVE ORDNANCE DATUM (mAOD) UNLESS SHOWN OTHERWISE.
- ALL WORKS COMPLY WITH SOUTHERN WATER SPECIFICATION, CESWI 7th EDITION AND SFA 7th EDITION.
- THE LOCATION OF EXISTING PIPEWORK AND OTHER UTILITY SERVICES ROUTES BASED ON UTILITY COMPANY RECORDS, SUPPLEMENTED WHERE POSSIBLE BY ONSITE SERVICE TRACING AND ARE APPROXIMATE ONLY.
- REFER TO SPECIFICATION FOR GENERAL CONSTRUCTION.
- ALL EXISTING SURFACE WHERE DISTURBED REINSTATED TO THE SATISFACTION OF THE ENGINEER.
- FOR PUMPING STATION DETAILS REFER TO DRAWING 5105602-WA-116 AND PROPOSED LAYBY CROSS SECTION REFER TO DRAWING 5105602-WA-119.
- FOR LONG SECTION REFER TO DRAWING 5105602-WA-122, 126, AND 128.

### 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 SIGNIFICANT RESIDUAL RISKS
- CONSTRUCTION**
- STRIKING LIVE SERVICES (LOW PRESSURE GAS PIPELINE AND LV ELECTRICITY IN THE VICINITY OF WORKS). UTILITY SERVICE ROUTES BASED ON UTILITY COMPANY RECORDS, SUPPLEMENTED WHERE POSSIBLE BY ONSITE SERVICE TRACING. THERE ARE KNOWN SERVICES IN THE VICINITY OF PROPOSED SEWER WHICH ARE REQUIRED TO BE PROTECTED / DIVERTED DURING CONSTRUCTION. CONTRACTOR TO CONFIRM ALL SERVICES PRIOR TO COMMENCING OF WORK AND ADVISE THE ENGINEER OF ANY PERCEIVED CONFLICT WITH THE PROPOSED WORKS.
  - COLLISION WITH TRAFFIC DURING SITE ACCESS AND WORKING NEAR ACCESS ROAD. TRAFFIC MANAGEMENT TO BE IN PLACE.
- MAINTENANCE / CLEANING**
- COLLISION WITH TRAFFIC DURING SITE ACCESS AND WORKING NEAR ACCESS ROAD. TRAFFIC MANAGEMENT TO BE IN PLACE.
  - CONFINED SPACE-DEEP MANHOLES. METHOD STATEMENT TO BE AGREED BEFORE UNDERTAKING ANY MAINTENANCE WORKS IN DEEP MANHOLES.
- DECOMMISSIONING/DEMOLITION**
- COLLISION WITH TRAFFIC DURING SITE ACCESS AND WORKING NEAR ACCESS ROAD. TRAFFIC MANAGEMENT TO BE IN PLACE.

### LANDSCAPING NOTES

- ROOT BARRIER:-**  
PRODUCT: REROOT1000 - GREEN BLUE URBAN  
APPROXIMATE POSITIONING OF THE ROOT BARRIER IS DEPENDANT ON LOCAL GROUND, CONDITIONS AND SERVICES. SITE ENGINEER AND SITE CONTRACTOR TO HAVE FINAL POSITIONING.
- NATIVE MIXED HEDGE PLANTING:-**  
ALL PLANTING STOCK TO UTILIZE UK PROVENANCE SUPPLY, WITH PREFERENCE GIVEN TO REGION 405 STOCK (SOUTH EAST ENGLAND). ALL PLANTING TO COMPLY WITH BS: 3936:-1:1992 NURSERY STOCK - SPECIFICATION FOR TREES AND SHRUBS.
- ALL WORKS TO CONFORM TO BS 4428:1989 - CODE OF PRACTICE FOR GENERAL LANDSCAPE OPERATIONS (EXCLUDING HARD SURFACES).
- BREAKING UP EXISTING HARD SURFACE AND REMOVAL:-  
THE MAIN CONTRACTOR SHALL BREAK UP AND REMOVE ANY ROAD OR OTHER HARD SURFACING WITHIN THE IMMEDIATE VICINITY OF THE PROPOSED PLANTING, PRIOR TO WORKS BY THE LANDSCAPE SUB CONTRACTOR.
- PREPARATION OF SOFT LANDSCAPE AREAS:-**  
NEW PLANTING AREAS  
PRIOR TO PLACING OF TOPSOIL, ENSURE THAT SUBSOIL IS THOROUGHLY BROKEN UP TO ALLOW FREE DRAINAGE. REMOVE ALL RUBBLE, CONCRETE WASHINGS AND OTHER BUILDERS DEBRIS TO PROVIDE SUFFICIENT DEPTHS FOR TOPSOIL PLACEMENT. CUT BACK EXCESSIVE HAUNCHING WHERE IT RESTRICTS TOPSOIL DEPTHS. EXCAVATE PLANTING AREA INTO SUBGRADE PRIOR TO TOPSOILING TO ENSURE SUFFICIENT DEPTHS OF SOIL.
- TOPSOIL DEPTHS:-**  
TOPSOIL DEPTHS FOLLOWING CONSOLIDATION SHALL BE: SHRUB AREAS 300mm DEEP.  
FINISHED LEVELS OF TOPSOIL IN PLANTED AREAS FOLLOWING CONSOLIDATION SHALL BE 10mm BELOW ADJACENT KERBS AND MANHOLES TO ALLOW FOR MULCHING. 70mm OF MULCH TO BE APPLIED, WHICH SHALL GRADE DOWN TO KERBS.
- TOPSOIL SPECIFICATION:-**  
TOPSOIL SHALL CONFORM TO BS3882:2015 - SPECIFICATION FOR TOPSOIL AND REQUIREMENTS FOR USE).
- TOPSOIL HANDLING:-**  
TOPSOIL SHALL BE HANDLED IN THE DRIEST CONDITIONS REASONABLY POSSIBLE. TOPSOIL SHALL NOT BE MOVED, LAID OR WORKED DURING OR AFTER PERIODS OF HEAVY RAIN OR WHEN SUCH WORK WILL DAMAGE THE SOIL STRUCTURE. PLACED TOPSOIL SHALL BE PROTECTED FROM TRAFFICKING BY VEHICLES AND PEOPLE. ANY AREAS OF TOPSOIL THAT DO BECOME COMPACTED SHALL BE LOOSENEED BY MEANS OF APPROPRIATE MACHINERY OR IN SMALL BEDS BY HAND FORKING.
- CULTIVATION:-**  
ALL AREAS OF SHRUB BEDS AND GRASS WORKS SHALL BE BROUGHT TO A FINE TILTH BY HOING. ALL SHALL BE CLEAR OF WEED GROWTH PRIOR TO PLANTING OR SEEDING BY EITHER HAND PULL WEEDING OR THROUGH THE APPLICATION OF BIODEGRADABLE (GLYPHOSPHATE BASED) CHEMICAL. A MINIMUM OF TEN DAYS PRIOR TO PLANTING. ALL USE OF SOIL CONDITIONERS INCLUDING COMPOSTS, MULCHES AND FEEDS ARE TO BE PEAT FREE.

HEDGEROW MIX		Hedgerow Mix A (Plant in a single row at 450 mm c/s (Length = 30 m))	Hedgerow Mix B (Plant in a db row at 5 per linear m (Length = 6 m))	Hedgerow Mix C (Plant in a db row at 5 per linear m (Length = 5.5 m))	Hedgerow Mix D (Plant in a db row at 5 per linear m (Length = 3.5 m))	Totals
Species	%	Size, height and type				
Corylus avellana	25	60 - 80 cm high, bare root 1 + 1 transplant	17	7	7	5
Crateagus monogyna	25	60 - 80 cm high, bare root 1 + 1 transplant	17	7	7	5
Ligustrum vulgare	25	60 - 80 cm high, bare root 1 + 1 transplant	17	7	7	4
Sambucus nigra	25	60 - 80 cm high, bare root 1 + 1 transplant	17	7	7	4
		TOTAL	68	28	28	18

Hedgerow A to be planted as a single row 450 mm apart. Hedgerow B,C & D to be planted as double staggered rows 350mm apart. Reduce Hedgerow B to single row close to man-hole as required. Each whip placed 300 mm apart along row at 5 per linear metre each with clear spiral guard & cane. Ilex species to be guarded with plastic mesh tube and sawn timber stake. Species planted in random naturalistic groups.