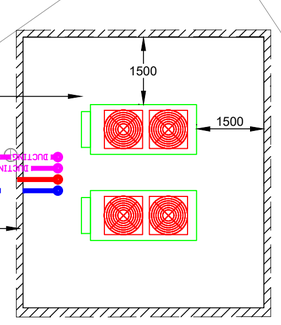
THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS

ALTERATIONS TO EXISTING GRAVEL WALKING TRACK AS SHOWN HATCHED. CONTRACTOR TO ALLOW FOR EXCAVATION AND CONSTRUCTION OF NEW GRAVEL PATH COMPRISING COMPACTED SUBGRADE, MINIMUM 150MM WELL-COMPACTED GRANULAR SUB-BASE AND 50MM GRAVEL WEARING COURSE TO MATCH EXISTING FINISH. CONTRACTOR TO ALLOW FOR THE RELOCATION OF ANY SEMI-MATURE TREES EFFECTED BY THE TRACK ALTERATIONS INCLUDING CAREFUL EXCAVATION, TRANSPORT AND REPLANTING IN ACCORDANCE WITH LANDSCAPE SPECIFICATION.

6.0 X 5.3M ASHP BASE. THE ASHP BASE SHALL BE MADE UP AS A MINIMUM OF THE FOLLOWING BUILD-UP:
- DIG DOWN 200mm TO FIRM SUB BASE
- ADD 100MM COMPACTED MOT TYPE 1
- INSTALL HEAVY DUTY GEOTEXTILE MEMBRANE
- ADD 100mm CLEAN ANGULAR GRAVEL AND RAKE LEVEL AND LIGHTLY COMPACT
- INSTALL BIG FOOT MOUNTING FRAME



6.0 x5.3 x 2.4M HIGH ACOUSTIC ENCLOSURE. THE ENCLOSURE SHALL BE CONSTRUCTED FROM A GALVANISED STEEL FRAME WITH TIMBER ACOUSTIC PANELS. A 1M WIDE GATE SHALL BE PROVIDED. THE SYSTEM SHALL BE DURAPOST REFLECTIVE ACOUSTIC FENCING OR SIMILAR APPROVED SYSTEM. THE FENCE SHALL OFFER A 28dB SOUND REDUCTION AND BE TESTED & COMPLIANT WITH EN 1793-2:2018 AND EN 16272-2 : 2012 STANDARDS.

EXISTING LPG COMPOUND

NEW LPG GAS SUPPLY FROM EXISTING GAS TANK COMPOUND TO EXISTING PLANT ROOM TO SERVE NEW LPG BOILERS

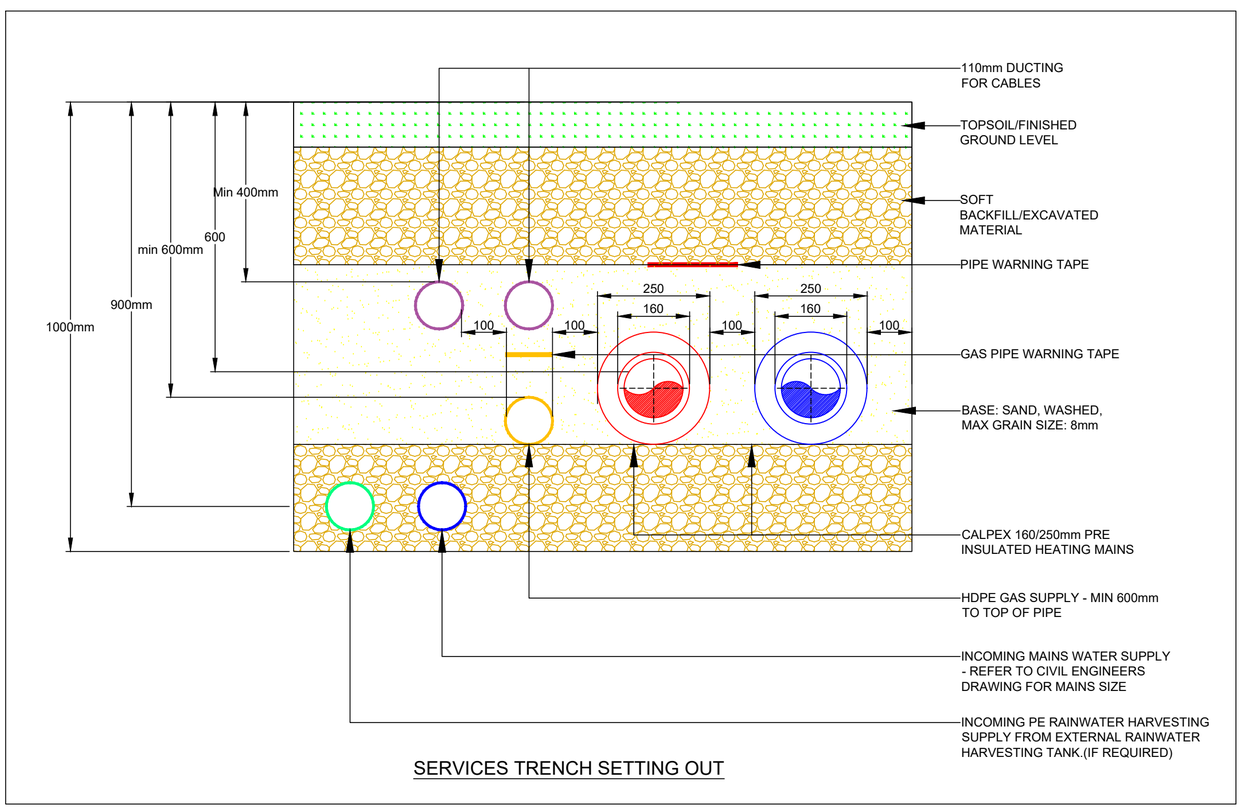
BUILDERS' WORKS – REMOVAL OF OIL TANK, COMPOUND AND UNDERGROUND OIL LINE
ALLOW FOR THE SAFE DECOMMISSIONING, REMOVAL AND DISPOSAL OF EXISTING OIL TANK, INCLUDING ALL ASSOCIATED FITTINGS, FILL POINTS, VENTS AND SUPPORTS, IN ACCORDANCE WITH CURRENT ENVIRONMENTAL AND HEALTH & SAFETY REGULATIONS.
ALLOW FOR THE DEMOLITION AND COMPLETE REMOVAL OF THE OIL TANK COMPOUND, INCLUDING PLINTHS, BUNDS, WALLS, SLABS AND ANY ASSOCIATED CONCRETE OR MASONRY CONSTRUCTION.
ALLOW FOR THE REMOVAL OF THE UNDERGROUND OIL SUPPLY LINE FROM THE OIL TANK LOCATION TO THE POINT OF ENTRY INTO THE SCHOOL BUILDING, INCLUDING EXCAVATION, EXPOSURE, DISCONNECTION AND REMOVAL OF PIPEWORK.
ALL EXCAVATIONS TO BE CARRIED OUT CAREFULLY, WITH EXISTING SERVICES LOCATED PRIOR TO BREAKING GROUND.
ALLOW FOR TEMPORARY PROTECTION OF EXISTING HARD AND SOFT LANDSCAPING, PAVEMENTS, KERBS, ROADWAYS AND EXTERNAL FINISHES, AND REINSTATE ALL DISTURBED AREAS TO MATCH EXISTING ON COMPLETION.
ANY REDUNDANT OR CONTAMINATED GROUND ENCOUNTERED TO BE DEALT WITH IN ACCORDANCE WITH STATUTORY REQUIREMENTS AND DISPOSED OF AT AN APPROVED FACILITY.
ALLOW FOR MAKING GOOD TO ALL AFFECTED SURFACES, INCLUDING CONCRETE, TARMAC, PAVING, WALLS AND FINISHES, TO A STANDARD EQUAL TO OR BETTER THAN EXISTING.
WORKS TO BE COORDINATED WITH THE SCHOOL TO MINIMISE DISRUPTION AND MAINTAIN SAFE ACCESS AT ALL TIMES.

PROVIDE TRENCHING FOR NEW BELOW GROUND SERVICES AS PER THE TRENCH DETAIL. MAKE GOOD SURFACES TO MATCH EXISTING

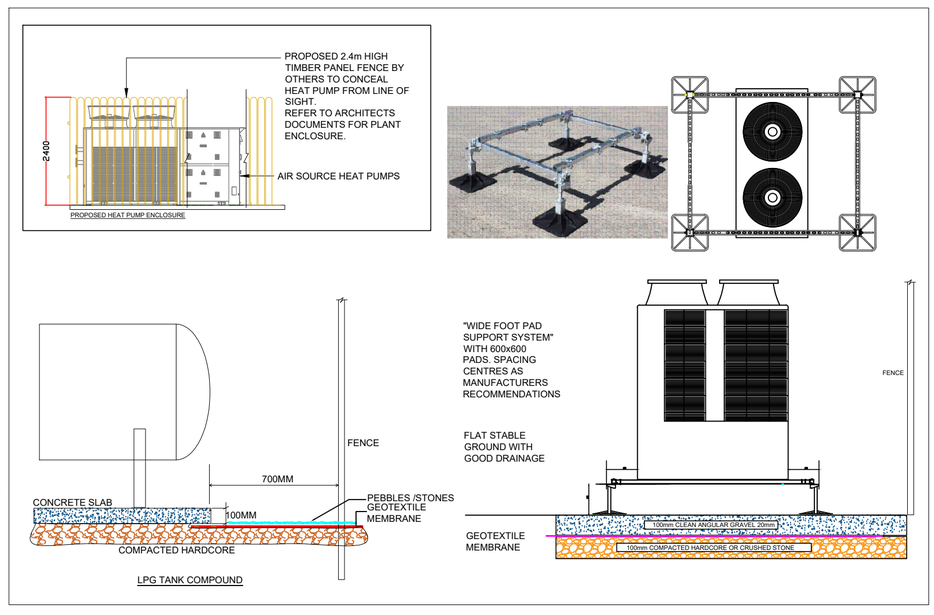
600 X 150 OPENING THROUGH INTERNAL WALL AND MAKING GOOD TO MATCH EXISTING

REMOVE AND MAKE GOOD 2NR OLD BOILER PLINTH APPROXIMATELY 1.5X1.5X0.15m MAKING GOOD FLOOR FINISH WITH CONCRETE SCREED AND LATEX AS NECESSARY

BOILERHOUSE



SERVICES TRENCH SETTING OUT



Gravel Bed Preparation for Heat Pump Installation (Wide Foot System)

The following provides guidance on the preparation of a gravel base for the heat pump installation using a Big Foot - style mounting frame. The setup supports the unit without using high carbon concrete while natually draining condensate into the ground.

1. Choose a Suitable Location
- Flat, stable ground with good drainage
- Avoid shaded, waterlogged, or windy funnel areas
- Maintain manufacturer-recommended clearances

2. Mark Out the Area
- Make the gravel bed larger than the unit and mounting frame
- Recommended minimum: 1.5 m x 1 m for small heat pumps

3. Excavate the Base
- Dig down 150-200 mm
- Remove all turf, soft soil, and organic material to create a firm foundation

4. Lay a Sub-Base (Optional but Recommended)
- Add 50-100 mm of compacted MOT Type 1 hardcore or crushed stone
- Compact thoroughly using a vibrating plate or hand tamper

5. Install a Geotextile Membrane
- Lay a weed-suppressing geotextile membrane over the sub-base
- Prevents gravel migration and weed growth

6. Add the Gravel
- Use 20 mm clean angular gravel (e.g., limestone or granite)
- Depth: 100-150 mm
- Rake level and lightly compact for stability

7. Install the Big Foot Mounting Frame
- Place the frame directly on gravel
- Adjust feet to ensure level and stable support
- Ensure contact points are secure, not tipping

8. Set the Heat Pump on the Frame
- Mount the heat pump as per manufacturer instructions
- Check for levelness
- Confirm no sinking or instability

Maintenance Tips
- Inspect the gravel bed and frame seasonally
- Re-level or top up gravel if necessary
- Clear debris and vegetation around the unit

REV	DESCRIPTION	DRN	CKD	DATE
P02	TENDER STAGE	KC	SK	20.04.2026
P01	TA ISSUE	SK	SF	02-04-2026

ISSUE: TENDER STAGE

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PROJECT TITLE: SCHOOLS ENERGY PATHFINDER - 8.7 ST OLIVERS POST PRIMARY

DRAWING TITLE: BUILDERS WORKS

DRAWING REFERENCE: 3232-SMK-8.7-SI-DR-ME-5901 (Project - Originator - Volume - Level - Type - Role - Number)

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SCALE: A1 ASI