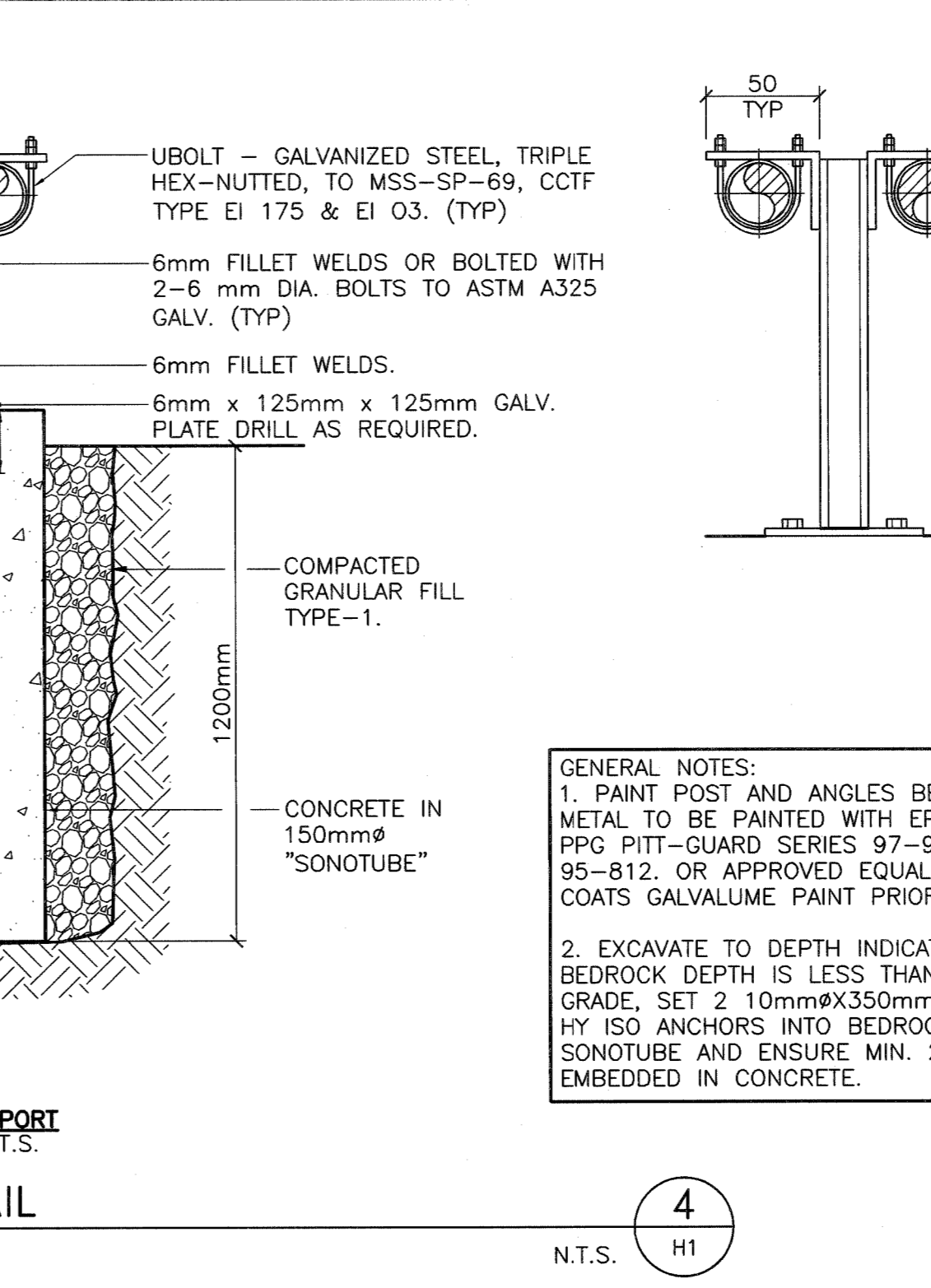
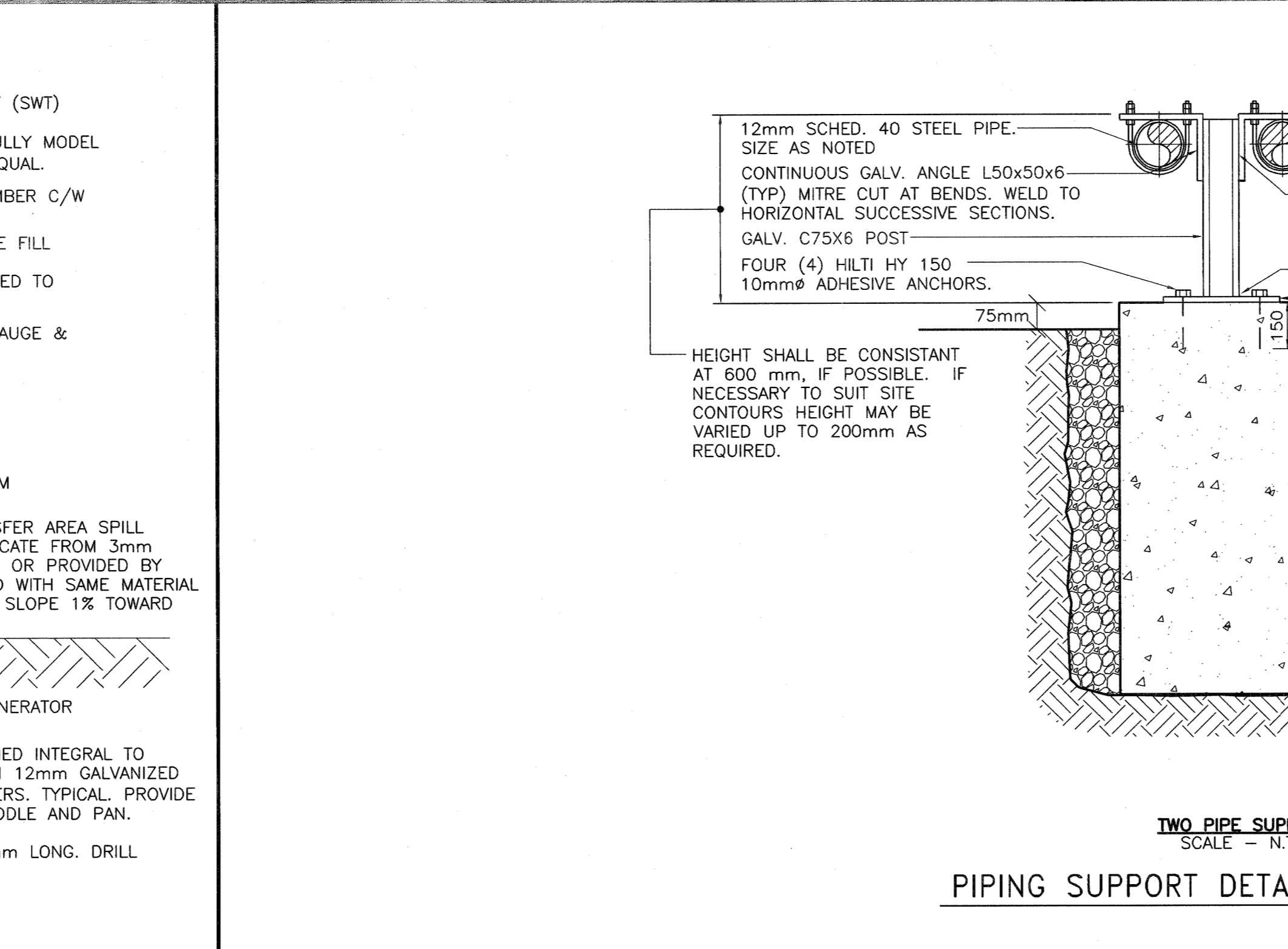
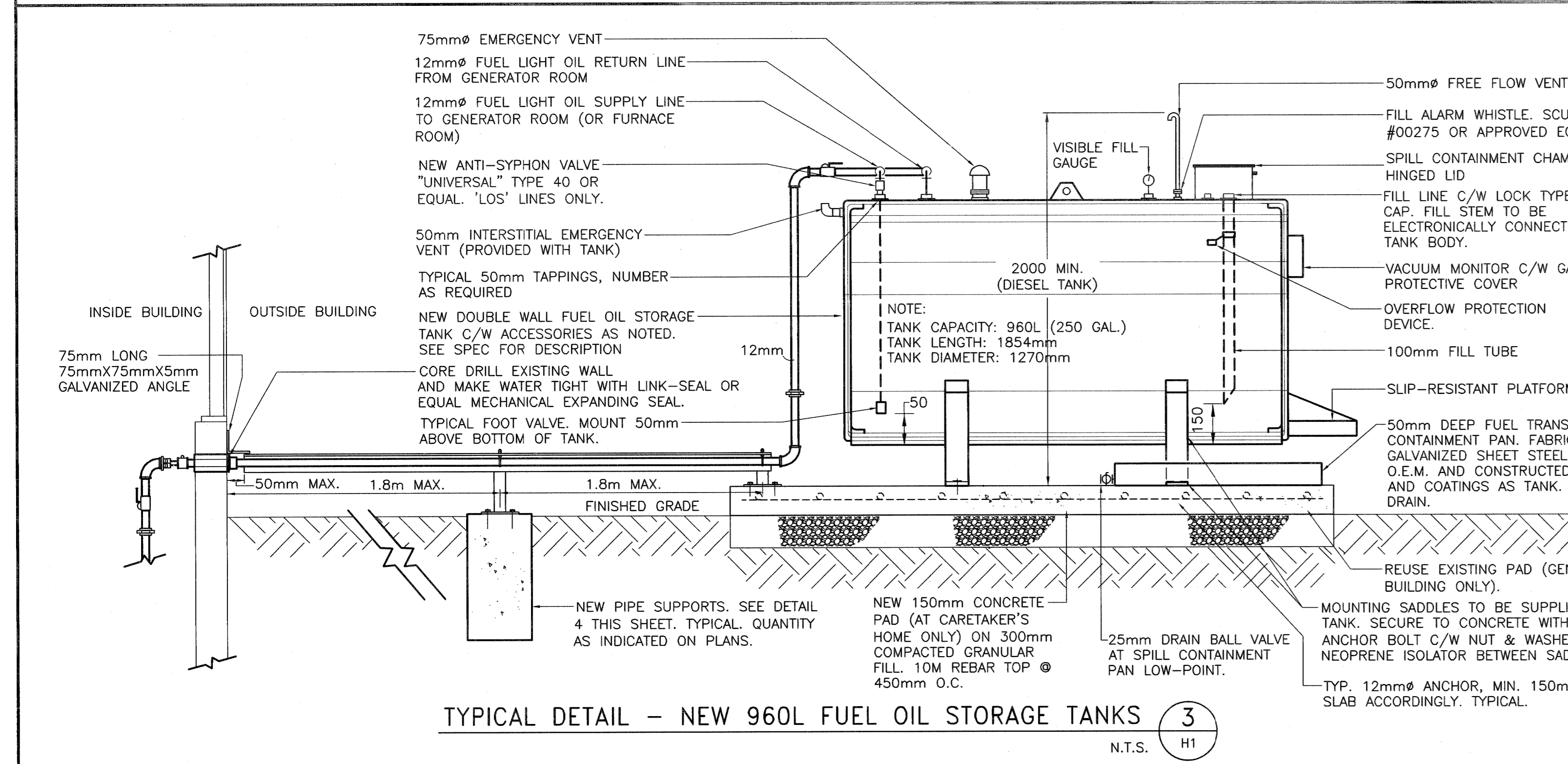
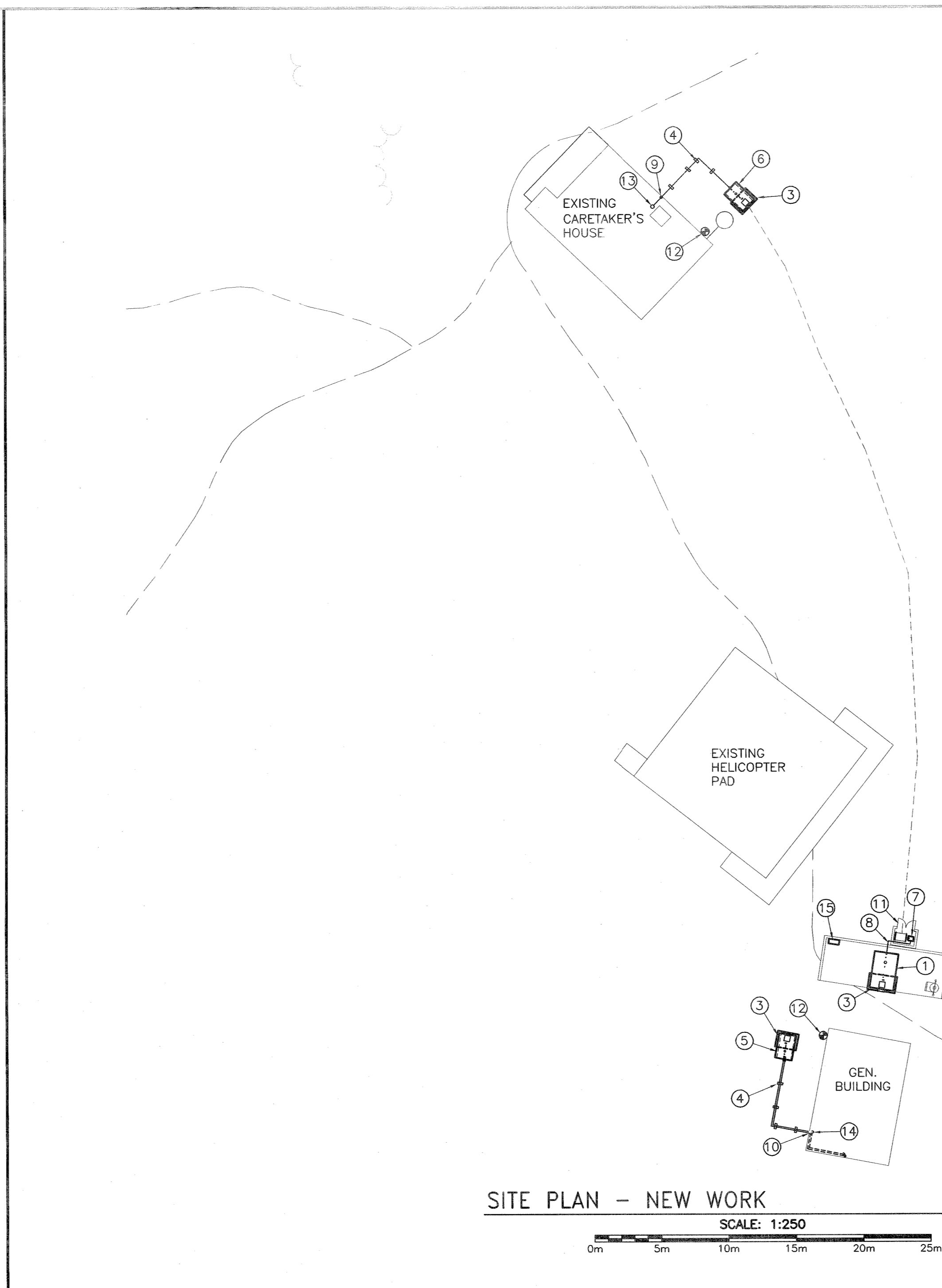
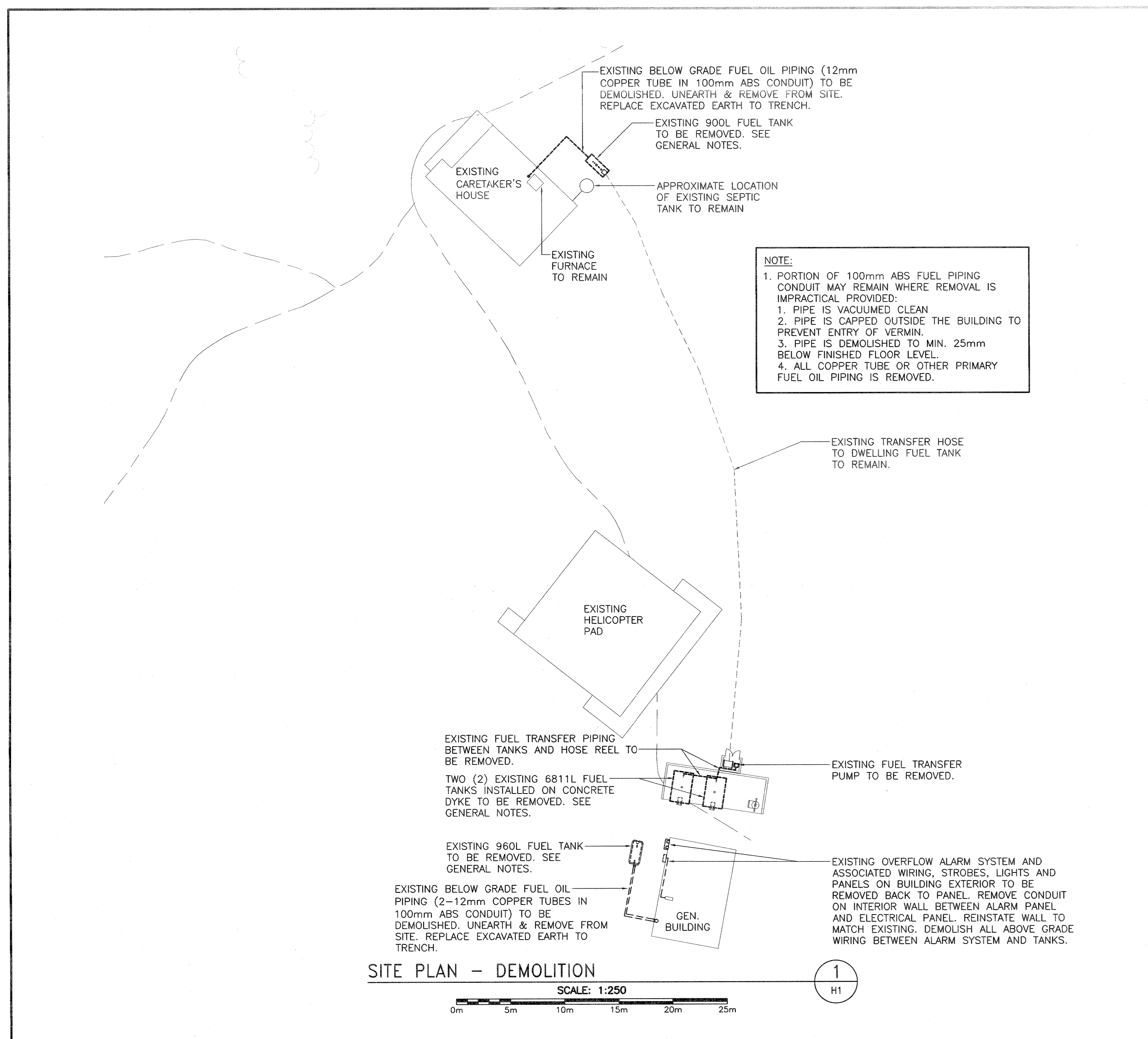


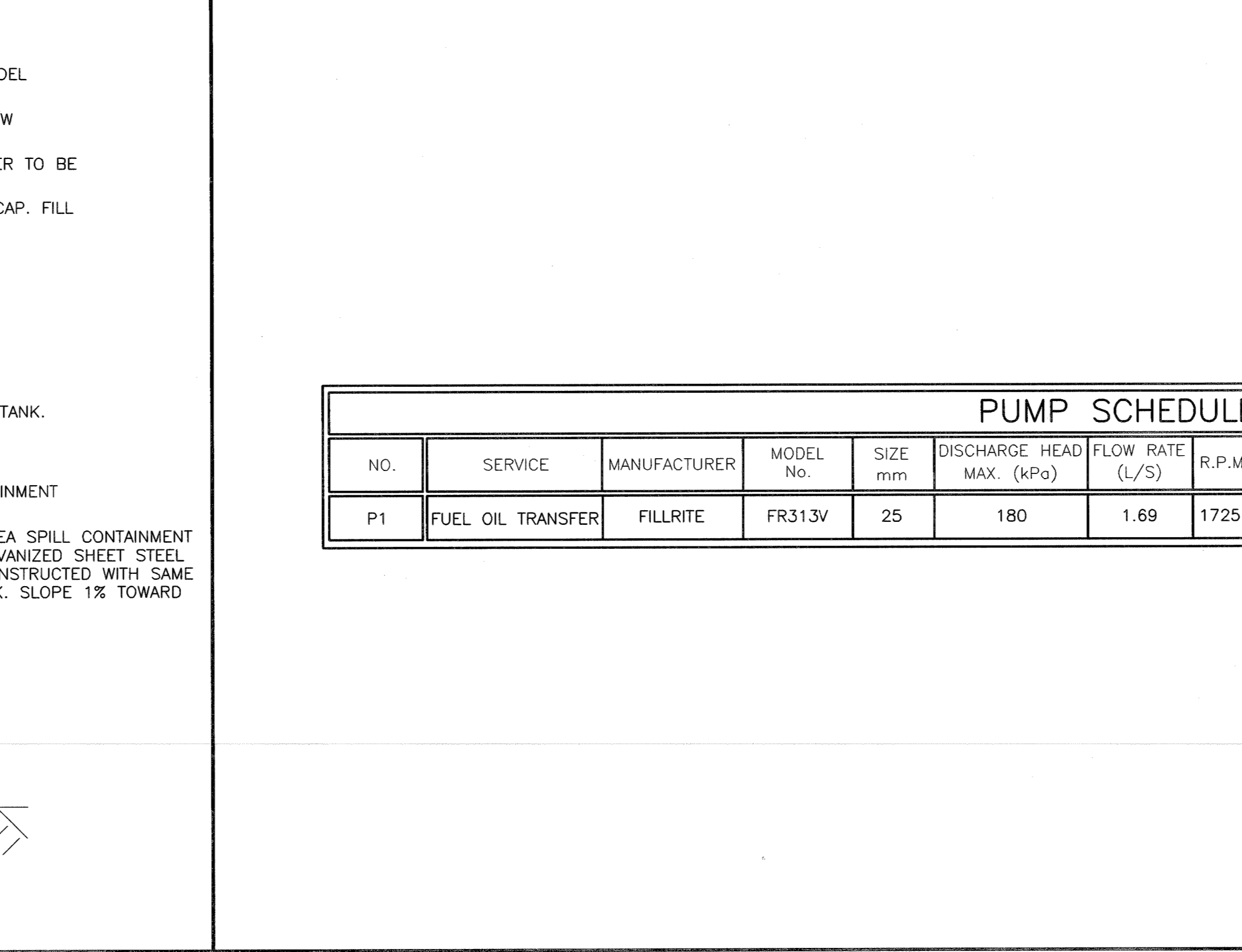
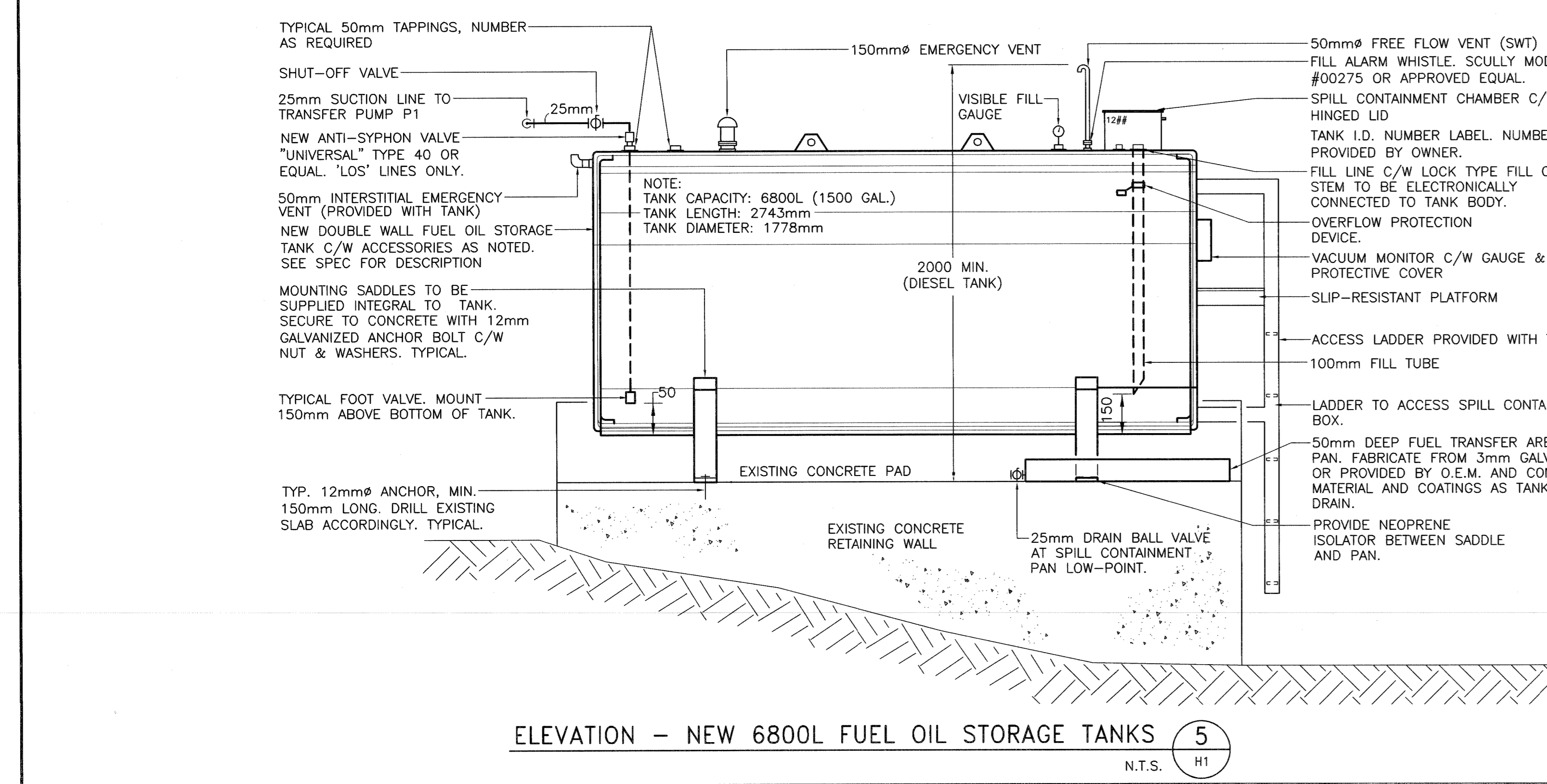
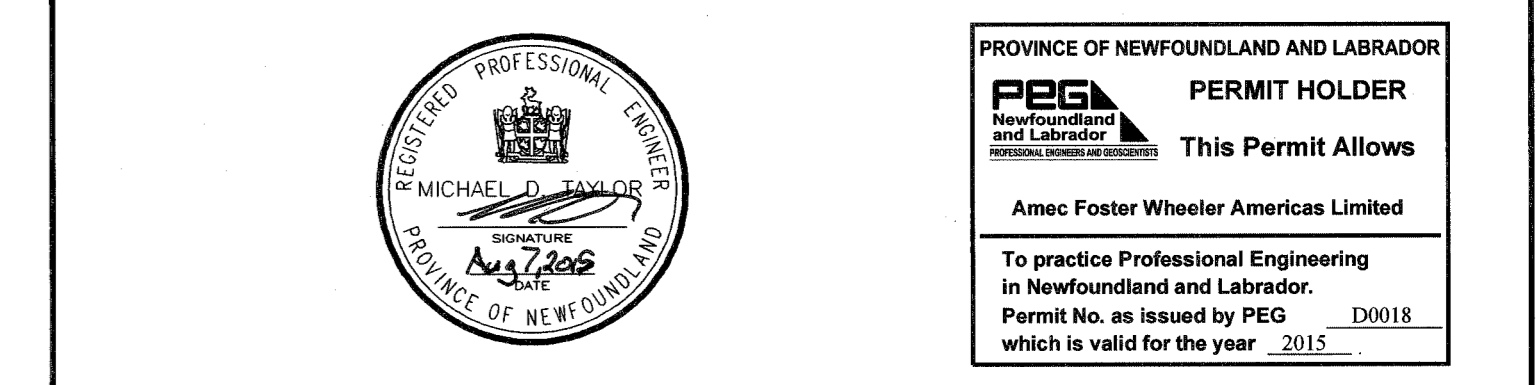
- KEY NOTES:**
- NEW 6800L ABOVE GROUND FUEL OIL TANK. LOCATE TANK WITH EQUAL CLEAR SPACE AROUND TANK TO FACILITATE SNOW REMOVAL. TANKS TO BE INSTALLED ON EXISTING CONCRETE PAD, COMPLY WITH REGULATIONS SOR/2008-197, AND CCME CODE OF PRACTICE. SEE DETAIL 5 THIS SHEET.
  - TIE IN NEW FUEL LINE(S) TO NEW ABOVE GROUND FUEL OIL TANK AS DETAIL IN THIS DRAWING. PROVIDE PIPING SUPPORT AND PROTECTION FROM DAMAGE.
  - NEW STEEL PRODUCT TRANSFER AREA SPILL PAN.
  - PIPING SUPPORTS. SEE DETAIL 4 THIS SHEET. MAXIMUM SPACING 1800mm, 300mm FROM ELBOWS. PLACE SUPPORTS MIN. 900mm FROM BUILDING FOUNDATION WALL.
  - NEW 960L ABOVE GROUND FUEL OIL TANK SERVING GENERATOR. LOCATE TANK WITH EQUAL CLEAR SPACE AROUND TANK TO FACILITATE SNOW REMOVAL. COMPLY WITH REGULATIONS SOR/2008-197, AND CCME CODE OF PRACTICE. SEE DETAIL 3 THIS SHEET. TANK TO BE INSTALLED ON EXISTING CONCRETE PAD.
  - NEW 960L ABOVE GROUND FUEL OIL TANK SERVING DWELLING FURNACE. LOCATE TANK WITH EQUAL CLEAR SPACE AROUND TANK TO FACILITATE SNOW REMOVAL. COMPLY WITH REGULATIONS SOR/2008-197, AND CCME CODE OF PRACTICE. SEE DETAIL 3 THIS SHEET. TANK TO BE INSTALLED ON NEW 150mm CONCRETE PAD.
  - NEW FUEL OIL TRANSFER PUMP P1. SEE SCHEDULE THIS SHEET. PROVIDE ALL PIPING, FITTINGS, ADAPTERS, TRANSITIONS ETC. AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW PUMP.
  - NEW 25mm SUCTION LINE RUN FROM NEW TANK OUTLET TO INLET ON NEW FUEL OIL TRANSFER PUMP P-1.
  - CONNECT NEW 12mm FUEL OIL SUPPLY PIPING TO EXISTING FURNACE FUEL OIL FILTER WITH BALL VALVE.
  - PROVIDE TRANSITIONAL DIELECTRIC STEEL TO COPPER FITTINGS AT CUT POINT FROM DEMOLITION PHASE.
  - CONTRACTOR TO LABEL DOOR OF EXISTING PUMP ENCLOSURE WITH DIESEL LABEL IN ACCORDANCE WITH CPPI "COLOUR-SYMBOL SYSTEM TO MARK EQUIPMENT AND VEHICLES FOR PRODUCT IDENTIFICATION" (LATEST EDITION).
  - NEW 80-BC FIRE EXTINGUISHER.
  - PATCH DEMOLISHED CONCRETE.
  - CONNECT TO EXISTING COPPER PIPING. PATCH DEMOLISHED CONCRETE.
  - NEW OIL SPILL RESPONSE KIT - RAYMAG "SRU-L" OR APPROVED EQUAL.

- GENERAL NOTES:**
- EXISTING FUEL OIL STORAGE TANKS TO BE PROPERLY PREPARED AND REMOVED IN ACCORDANCE WITH SPECIFICATION. CONTRACTOR SHALL COMPLY WITH CCME PN 1326 REQUIREMENTS. CONTRACTOR TO REMOVE ALL PETROLEUM PRODUCTS AND SLUDGE FOUND IN THE EXISTING TANK AND DISPOSE IN A MANNER ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. TANK TO BE PURGED OF VAPOURS LESS THAN 10% OF THE LOWER FLAMMABILITY LIMIT AND THE PRESENCE OF VAPOURS TO BE CHECKED WITH A COMBUSTIBLE GAS METER. SUFFICIENT OPENINGS SHALL BE CUT INTO THE EXISTING TANK TO RENDER IT UNFIT FOR FURTHER USE. TRANSPORT TANK IN CONFORMANCE WITH DANGEROUS GOODS ACT AND IN A MANNER PRESCRIBED BY THE AUTHORITY HAVING JURISDICTION TO AN APPROVED DISPOSAL FACILITY. PROVIDE AFFIDAVIT OF DESTRUCTION PROVIDED BY THE APPROVED DISPOSAL FACILITY. COORDINATE DECOMMISSIONING NOTIFICATION WITH OWNER WITHIN 14 DAYS OF DECOMMISSIONING OF OLD TANK. KEEP ALL RECORDS OF DECOMMISSIONING ON SITE INCLUDING:
    - DESTRUCTION OF OLD TANK MANIFEST.
    - PROOF OF TANK PURGE.
    - LIQUID AND SLUDGE DISPOSAL.
    - DATE OF WITHDRAWAL.
  - CONTRACTOR TO RETAIN ALL EXISTING FUEL OIL ON-SITE IN TEMPORARY TANKS PROVIDED BY THE OWNER AND TRANSFER TO NEW TANKS AT COMPLETION.
  - ALL BOLTS TO BE C/W FLAT WASHERS AND LOCK WASHERS OR NY-LOCK NUTS.
  - ALL WORK TO CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:
    - API STD 650-98, "WELDED STEEL TANKS FOR OIL STORAGE".
    - ULC-S601, "ABOVEGROUND HORIZONTAL SHOP FABRICATED STEEL TANKS".
    - CAV/ULC-S602, "ABOVEGROUND STEEL TANKS FOR FUEL OIL AND LUBRICATING OIL".
    - ULC-S653, "CONTAINED ABOVEGROUND STEEL TANK ASSEMBLIES".
    - CPPI "USING THE CPPI COLOUR-SYMBOL SYSTEM TO MARK EQUIPMENT AND VEHICLES FOR PRODUCT IDENTIFICATION".
  - PAIN ALL NEW TANKS AND PIPING 'COAST GUARD RED'.
  - CONTRACTOR SHALL REGISTERED AND APPROVED BY THE PROVINCE OF NEWFOUNDLAND LABRADOR TO PERFORM FUEL STORAGE AND DISTRIBUTION INSTALLATIONS AND DEMOLITION WORK.
  - ALL TANKS TO BE LABELED FOR DIESEL ON BOTH SIDES IN ACCORDANCE WITH CPPI "USING THE CPPI COLOUR-SYMBOL SYSTEM TO MARK EQUIPMENT AND VEHICLES FOR PRODUCT IDENTIFICATION" (LATEST EDITION).
  - TANK FILL BOXES SHALL BE AFFIXED WITH REGISTRATION NUMBER PROVIDED BY OWNER. CONTRACTOR TO AFFIX PRODUCT LABELING AND TAGS TO PIPING AND TANKS IN ACCORDANCE WITH THE LATEST VERSION OF CPPI "USING THE CPPI COLOUR-SYMBOL SYSTEM TO MARK EQUIPMENT AND VEHICLES FOR PRODUCT IDENTIFICATION".
  - CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS C/W ENGINEER'S STAMP AND SIGNATURE.
  - ELECTRICAL DEMOLITION TO BE PERFORMED BY A CONTRACTOR LICENSED TO DO SUCH WORK IN THE PROVINCE OF NEWFOUNDLAND LABRADOR.



**PUMP SCHEDULE**

NO.	SERVICE	MANUFACTURER	MODEL No.	SIZE mm	DISCHARGE HEAD MAX. (kPa)	FLOW RATE (L/S)	R.P.M.	MOTOR CAPACITY (kW)	ELECT. SUPPLY VOLTS	HZ	REMARKS
P1	FUEL OIL TRANSFER	FILLRITE	FR313V	25	180	1.69	1725	0.56	115/230	60	C/W LOW PRESSURE AUTOMATIC SHUT-OFF & NOZZLE COMPATIBLE WITH EXISTING HOSE ASSEMBLY. INSTALL ON EXISTING HOSE.



**GREEN ISLAND FUEL SYSTEMS REFIT**

**FUEL SYSTEM DEMOLITION, NEW WORK AND DETAILS**

Project - project

ISSUED FOR TENDER: AUG 07/15

ISSUED FOR 60% REVIEW: JULY 23/15

Project no. - project no. drawing no. - no du dessin sheet - feuille

drawn - dessine: *MB* designed - dessine par: *MT*

date - date: JULY 23 2015 checked - verify: *F*

scale - echelle: AS NOTED approved - approve: *MT*

project no. - projet no. drawing no. - no du dessin sheet - feuille

AMEC FOSTER WHEELER PROJECT: 180053 F6879-159009 H-1 1 OF 1