



- MAJOR TREATMENT EQUIPMENT:**
- | | |
|------------------------------------|------------------|
| 1: LIQUID KNOCKOUT 1 | GEO |
| 2: BLOWER SYSTEM | ROOTS 59 (20 HP) |
| 3: AIR HEAT EXCHANGER | AA-500 |
| 4: COMPRESSOR | QSI-500 |
| 5: C3 SYSTEM | GEO |
| 6: NAPL TANK | - |
| 7: 2,000 LB GAC VESSEL | VPM-2000 |
| 8: 2,000 LB GAC VESSEL | VPM-2000 |
| 9: 400 LB KMnO ₄ VESSEL | - |

- NOTES:**
- 3 SVE - SOIL VAPOR EXTRACTION
 - 3 SCFM - STANDARD CUBIC FEET PER MINUTE
 - 4 UST - UNDERGROUND STORAGE TANK (150-GALLON TANK LOCATED BELOW SVE PIPING TO COLLECT CONDENSATE)
 - 1 GEO C3 (COMPRESSION, COOLING, AND CONDENSATION) SVE SYSTEM, 500 SCFM
 - 2 NEW SVE HIGH-VACUUM AND LOW-VACUUM INFLUENT PIPING (AS WELL AS AIR INJECTION PIPING THAT COULD ALSO BE USED AS ADDITIONAL EXTRACTION LINE) TO BE CONNECTED TO EXISTING UNDERGROUND HEADER PIPING WHERE SHOWN AND CONTINUED UNDERGROUND TO STUB-UP AREA NEAR SVE UNIT.
 - ALL SVE INFLUENT PIPING TO BE STUBBED UP TO ABOVEGROUND, WHERE A TEE WILL BE INSTALLED, WITH THE VAPORS ROUTED TO THE SVE UNIT.
 - ON TOP OF THE TEE A TOP-DRIVE PISTON PUMP WILL BE INSTALLED TO REMOVE ANY CONDENSATE THAT MAY COLLECT IN THE BASE OF THE STUBBED-UP PIPING. ANY CONDENSATE WILL BE PUMPED TO AN ABOVEGROUND STORAGE TANK FOR TEMPORARY STORAGE AND DISPOSAL.
 - EXISTING INSTRUMENT AIR LINE FROM VAULTS TO BE STUBBED UP TO TREATMENT PAD FOR POTENTIAL FUTURE USE.

- 3 ELECTRICAL POWER TO THE SVE UNIT WILL BE ROUTED UNDERGROUND FROM THE EXISTING TRANSFORMER AREA ON THE EAST SIDE OF THE EXISTING BUILDING.
- 4 GRASSY SLOPE TO BE FILLED TO PROVIDE A LEVEL SURFACE FOR SVE EQUIPMENT PAD; DRAINAGE FEATURES WILL BE CONSTRUCTED AS REQUIRED.
- ALL REMOVALS SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, AND CITY OF BURBANK REQUIREMENTS.
- CONTRACTOR SHALL CALL USA PRIOR TO START OF DEMOLITION TO MARK ALL UTILITY LINES.
- CONTRACTOR TO FIELD SURVEY ALL UTILITIES. CONTRACTOR TO PERFORM GEOPHYSICAL SURVEY PRIOR TO PERFORMING EXCAVATION ACTIVITIES.
- CONTRACTOR TO PERFORM CONSTRUCTION SURVEY OF THE EXISTING PIPING AT THE EXCAVATION AREAS.
- CONTRACTOR TO CAP ALL UTILITIES PER THE UTILITY SURVEYORS REQUIREMENTS.

- LEGEND:**
- INSTRUMENT AIR TO BRANCH LINE VAULTS
 - FENCE
 - RETAINING WALL (TO BE CONSTRUCTED BY OTHERS)
 - PROPOSED ELECTRIC
 - PROPOSED STORM DRAIN
 - EXISTING BLOCK WALL
 - EXISTING ELECTRIC
 - EXISTING GAS
 - EXISTING SANITARY SEWER
 - EXISTING WATER
 - UNKNOWN UNDERGROUND UTILITIES
 - PROPERTY BOUNDARY
 - LIGHT STANDARD
 - STREET LIGHT
 - FIRE DEPARTMENT CONNECTION
 - POST INDICATOR VALVE
 - WATER VALVE
 - SIGN
 - PROPOSED TREE
 - TO BE COMPLETED BY OTHERS
 - PROPOSED SVE SYSTEM PIPES (BURIED)

FIGURE 4
SOURCE AREA REMOVAL
SVE SYSTEM LAYOUT
FORMER B-1 PLANT
SVE SYSTEM UPGRADE

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DATE: 1/27/2020
PROJECT: 088825597

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