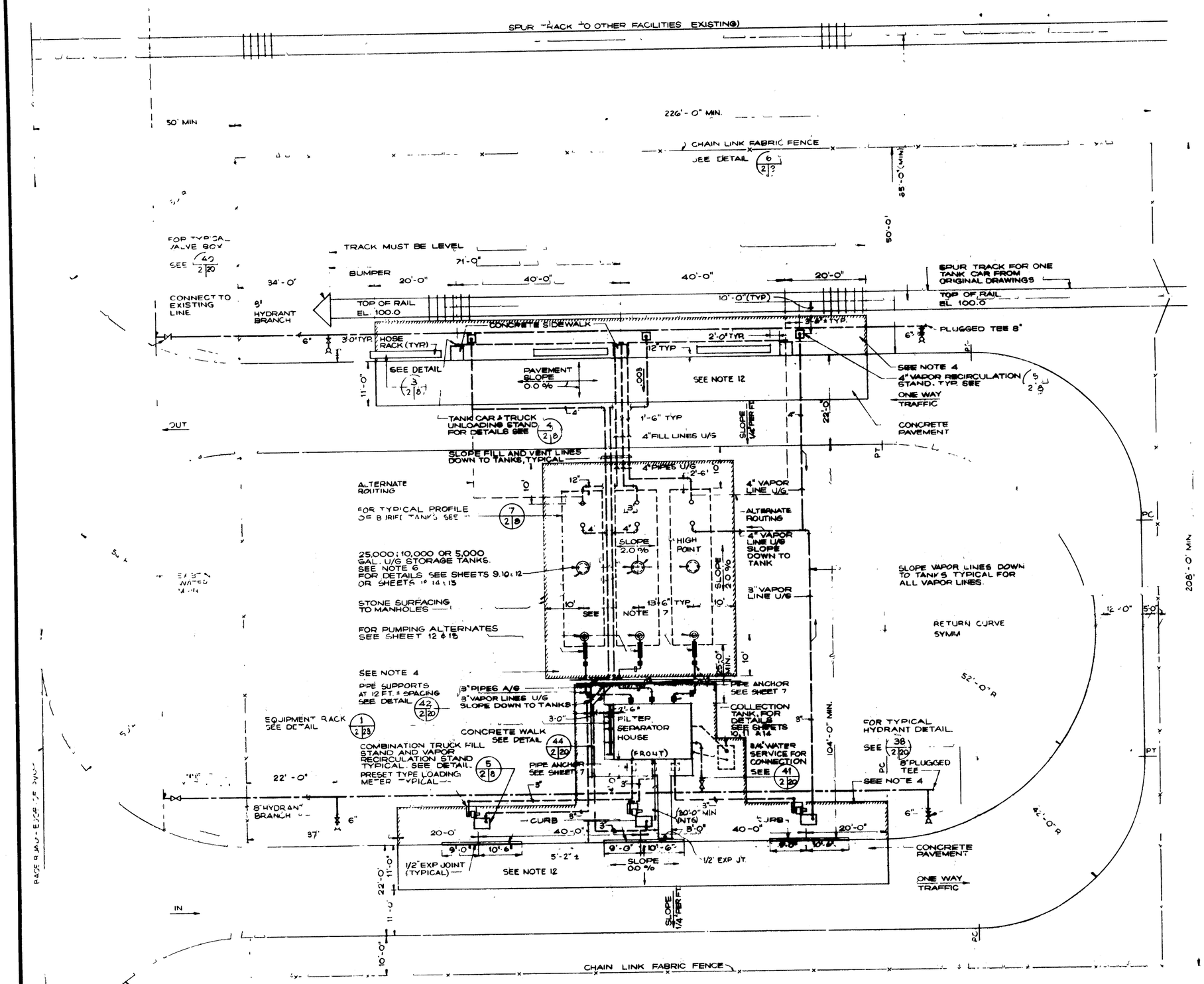
CORPS OF ENGINEERS

U. S. ARMY



SITE LAYOUT PLAN FOR UNDERGROUND TANKS

SCALE: 1" = 10'-0" EXCEPT AS NOTED

NOTES:

1. FOR DESIGN TEMPERATURE BELOW 20°F OR WHERE DUST PROTECTION IS REQUIRED, USE INCLOSED TYPE FILTER SEPARATOR HOUSE
   FOR DESIGN TEMPERATURE ABOVE 20°F USE OPEN TYPE FILTER SEPARATOR HOUSE
2. 25,000 GAL. STORAGE TANKS SHOWN. FOR SMALLER TANKS UTILITIES & EQUIPMENT SHALL BE MOVED PROPORTIONATELY TOWARDS INLET END OF TANKS.
3. WHEN SPUR TRACK IS NOT PROVIDED [illegible] UNLOADING STAND SHOULD BE LOCATED ON OTHER SIDE OF ROAD. CONCRETE PAVEMENT WOULD BE RELOCATED ACCORDINGLY
4. APPLY 2" THICK 1/2 EDOWN [illegible] PAVE[illegible] BEARING 10 WIDE TO THE FOLLOWING AREAS AS INDICATED ON PLAN.
   A. ALONG EDGE OF CONCRETE PAVEMENT ADJACENT TO TANK CAR & TRUCK UNLOADING STAND AND TRUCK FILL STAND.
   B. A[illegible] AROUND INCLOSED [illegible] SEPARATOR HOUSE
   C. ALL AROUND PUMPS.
   D. ABOVE 550 GAL. COLLE[illegible] TANK [illegible] TO 30% OF VOLUME
5. FOR ELECTRICAL DISTRIBUTION SEE SHEET 21
6. TANK SIZE WILL BE DETERMINED BY [illegible] ACTIVITY IN NO EVENT WILL TANK SIZE BE LESS THAN 5,000 GALLONS.
7. IF 5,000 GALLON TANKS ARE USED [illegible] BETWEEN THEM WILL BE 10'-0" O.C. MINIMUM OR 3'-0" [illegible] DISTANCE BETWEEN THEM WHICHEVER IS GREATER WILL GOVERN. ALSO WHEN ADJACENT TANKS ARE NOT THE SAME THE CLEAR DISTANCE BETWEEN THEM WILL BE 3'-0"
9. WHERE FACILITIES ARE TO BE PROVIDED FOR ONLY TWO PRODUCTS, ONE COMPLETE ELEMENT SHALL BE DELETED, BUT THE SIZE OF THE FILTER SEPARATOR HOUSE SHALL NOT BE REDUCED
9. TRUCK FILL STANDS ARE BOTTOM LOADING TYPE WITH VAPOR RETURN FACILITIES IN ACCORDANCE WITH API RP 1004. SEE SHEET 8.
10. GRAVITY UNLOADING IS BY CARGO HOSE WITH DRY-BREAK COUPLINGS. VAPOR RETURN FACILITIES CONSIST OF 4 CONNECTION STAND SIMILAR TO TRUCK FILL FACILITY. SEE SHEET NO 8. FACILITIES ARE FOR USE BY BOTH TRUCK AND R.R. TANK CARS.
11. PROVIDE JOINTS IN CONCRETE PAVEMENT TO COMPLY WITH PROJECT DESIGNS AS PER TM 5-822-1 THRU 7
12. ROADWAY GEOMETRICS BASED ON THE USE OF A WB-45 VEHICLE.

SYM	ZONE		DATE	APPROVED
		REVISIONS		

KELLER & GANNON
ENGINEERS • ARCHITECTS • CONSULTANTS
166 WASHINGTON STREET SAN FRANCISCO 94111

US ARMY ENGINEER DIVISION HUNTSVILLE
CORPS OF ENGINEERS
HUNTSVILLE, ALABAMA

STANDARD AIRCRAFT FUELING SYSTEM FOR ARMY AVIATION

TYPICAL SITE LAYOUT PLAN FOR UNDERGROUND TANKS

SHEET REF. NO.

DWN. BY	CHKD. BY	FILE NO.	SIZE	DWG. NO.	REV.
CPE	TMR	SPEC. NO.	F	78-24-20	DATE: 5/13/83 SHEET 2 OF 25

SCOTT GRAPHICS