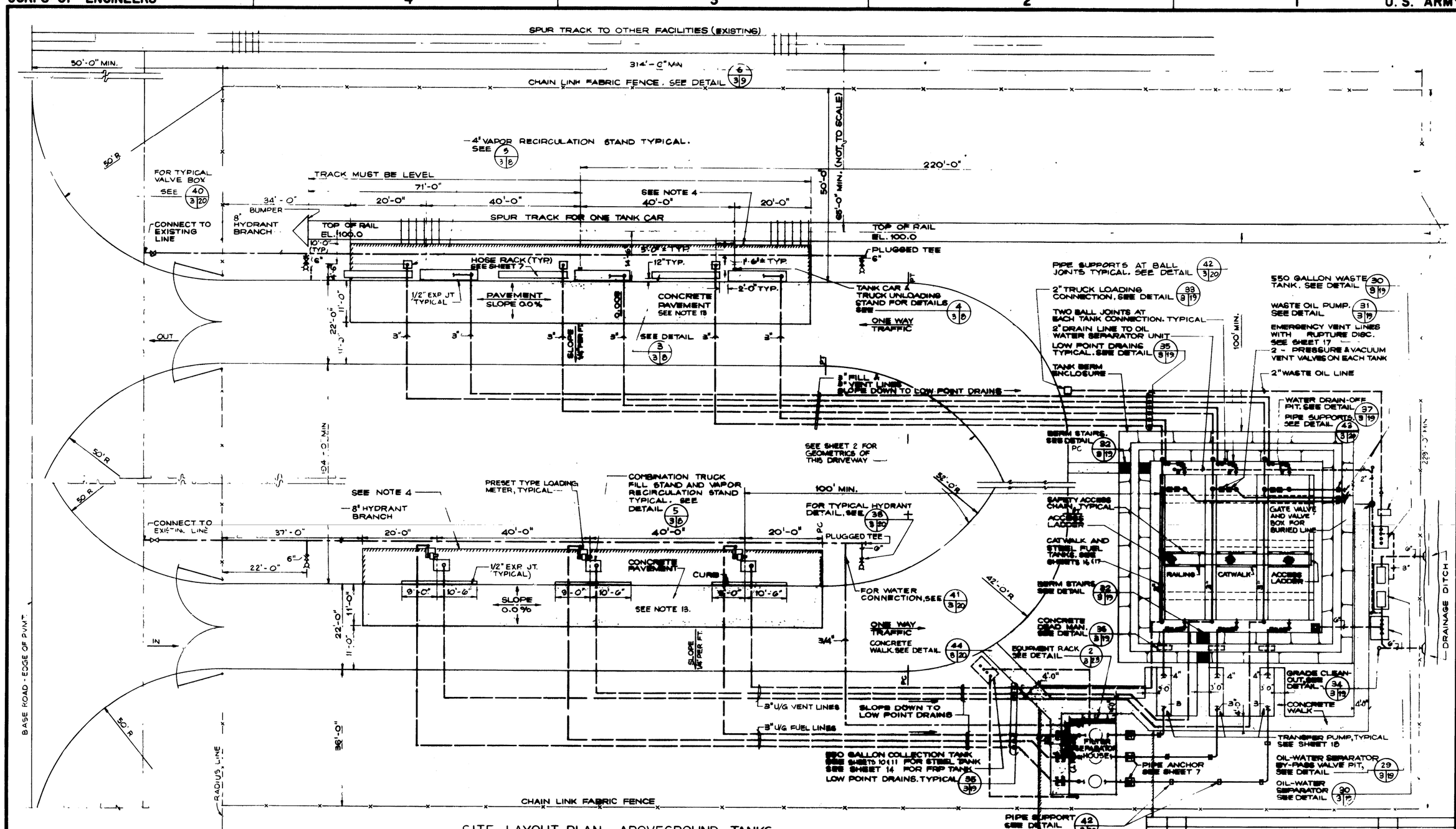

SITE LAYOUT PLAN - ABOVEGROUND TANKS

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 MOVE EQUIPMENT AS REQUIRED.
3. WHEN SPUR TRACK IS NOT PROVIDED, TRUCK UNLOADING STAND SHOULD BE LOCATED ON OTHER SIDE OF ROAD. CONCRETE PAVEMENT SHOULD BE RELOCATED ACCORDINGLY.
4. APPLY 2" THICK 1/2" DOWN PEA GRAVEL SURFACING (10' WIDE) TO THE FOLLOWING AREAS:
   A. ALONG EDGE OF CONCRETE PAVEMENT ADJACENT TO TANK CAR & TRUCK UNLOADING STAND & TRUCK FILL STAND.
   B. ALL AROUND IN[illegible] FILTER SEPARATOR HOUSE.
   C. ALL AROUND PUMPS.
   D. ABOVE 550 GAL. COLLECTION TANK. COMPACTION TO 90% OPTIMUM
5. FOR ELECTRICAL DISTRIBUTION SEE SHEET 22.
6. TANK SIZE WILL BE DETERMINED BY USING ACTIVITY. IN NO EVENT SHALL TANK SIZE BE LESS THAN 5,000 GALLONS.
7. IF 5,000 GALLON TANKS ARE USED, THE SPACE BETWEEN THEM WILL BE 10'-0" O.C., MINIMUM OR 5'-0" CLEAR 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"
8. 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. UNLOADING IS BY CARGO HOSE AND PUMP. DRY BREAK COUPLINGS AND 4" VAPOR RETURN FACILITIES ARE PROVIDED. FACILITIES ARE FOR USE BY BOTH TRUCK AND R.R. TANK CARS. VAPOR RETURN FACILITY IS 4" CONNECTION STAND SIMILAR TO TRUCK FILL FACILITY. SEE SHEET 8.
11. PIPE SUPPORTS SHALL BE SET AT A MAXIMUM OF 12'-0" SPACING UNLESS NOTED OTHERWISE.
12. PROVIDE JOINTS IN CONCRETE PAVEMENT TO COMPLY WITH PROJECT DESIGNS AS PER TM 5-822-1 THRU 7.
13. ROADWAY GEOMETRICS BASED ON THE USE OF A WB-40 VEHICLE

GRAPHIC SCALE 1" = 10'

SYM.	DESCRIPTION	DATE	APPROVED
	REVISIONS		

KELLER & GANNON
ENGINEERS · ARCHITECTS · CONSULTANTS
320 SANSOME 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 ABOVEGROUND STEEL TANKS

SHEET REF. NO.

DWN. BY	CKD. BY	FILE NO.	SIZE	DWG. NO.	REV.
CPE	TMR		F	78-24-20	
		SPEC. NO.	DATE 3/1/73	SHEET 3 OF 25	