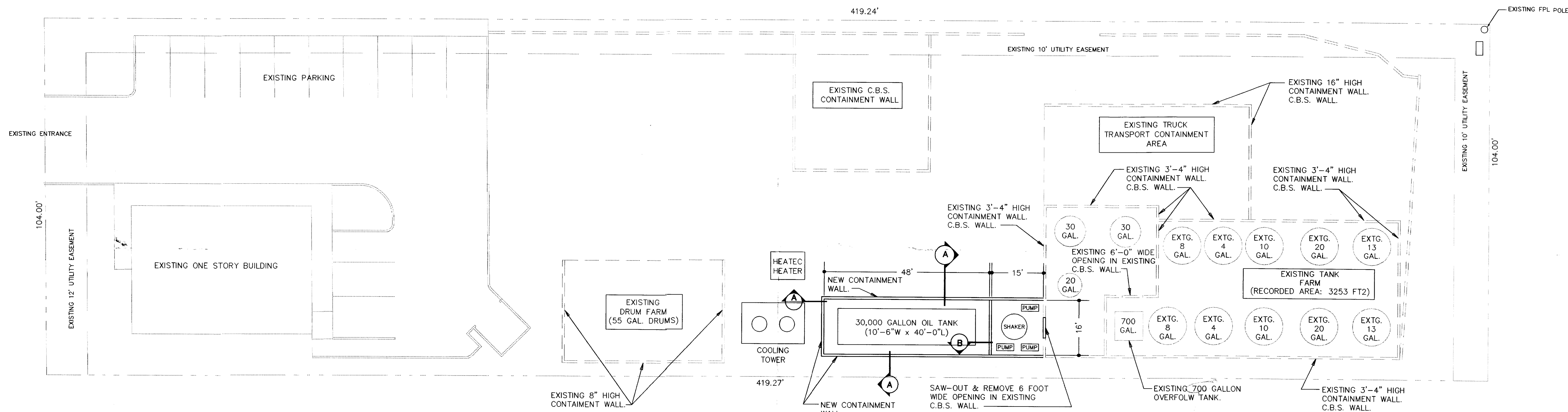


SITE PLAN

SCALE IN FEET
0 4 8 12 16 32 48

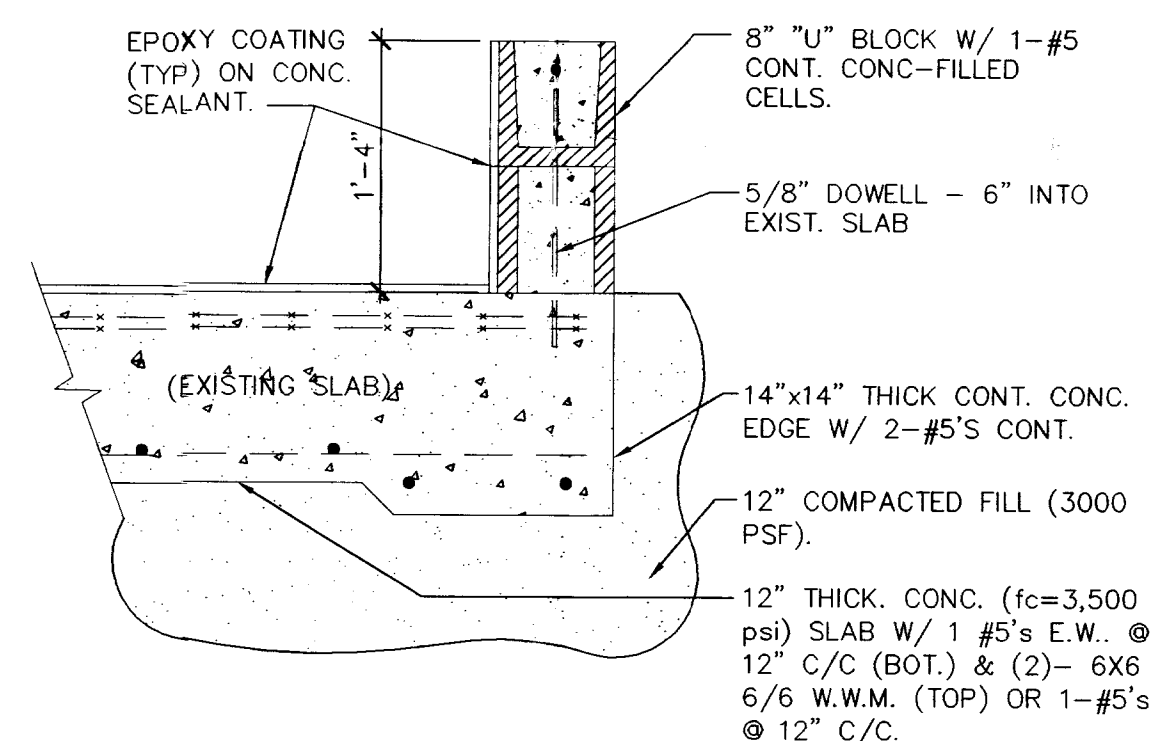
CONTAINMENT CALCULATION:

- TANK VOLUME: 30,000 GALLONS
- SAFETY FACTOR: 120% OF VOLUME OF THE TANK
- VOLUME OF CONTAINMENT REQUIRED:

$$\frac{30,000 \text{ GALLONS} \times 1 \text{ FT}^3}{7.48 \text{ GALLONS}} = 4011 \text{ FT}^3$$

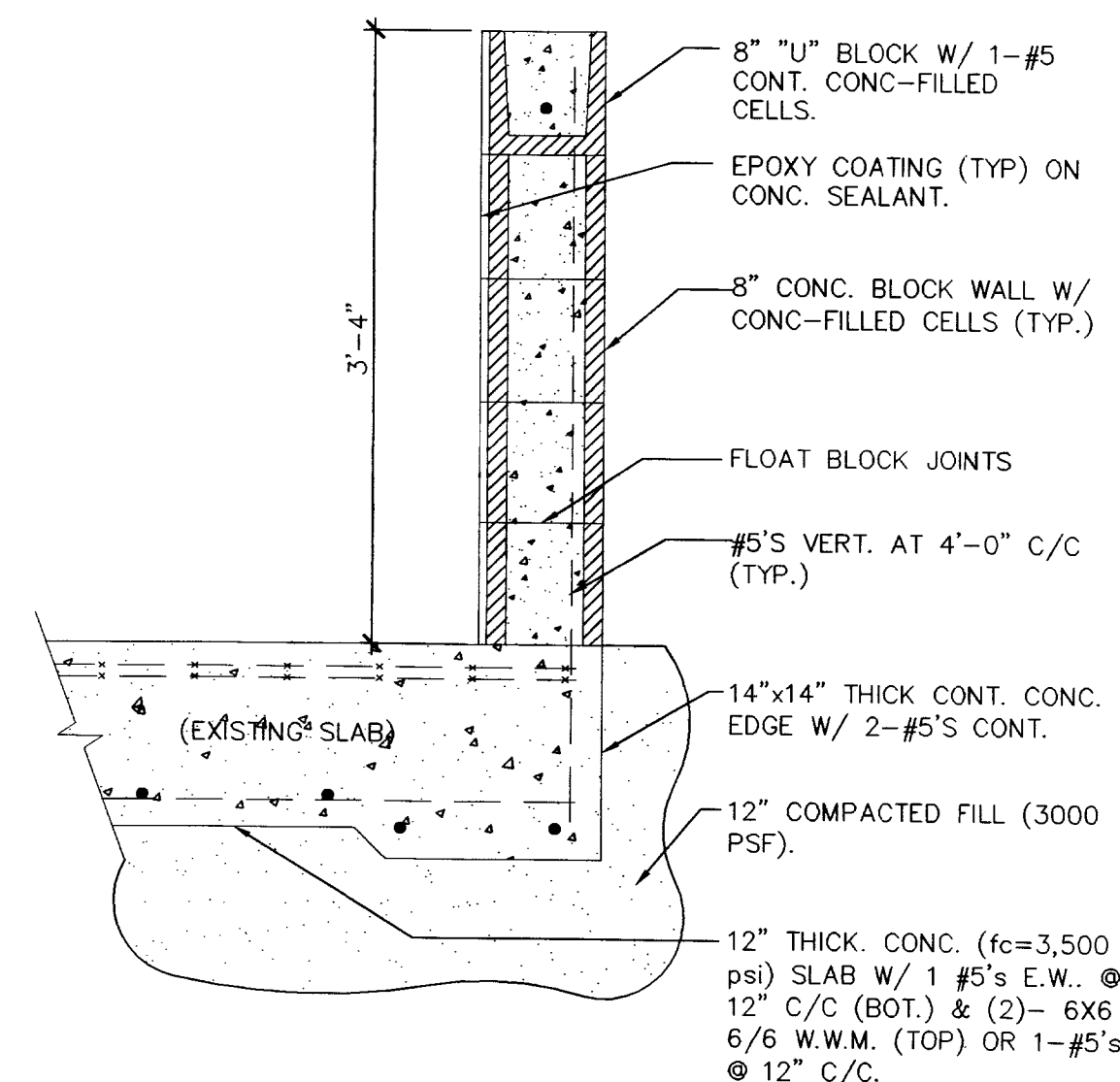
$$4011 \text{ FT}^3 \times 120\% = 4813 \text{ FT}^3$$
- AREA OF NEW CONTAINMENT = (48 FT. + 15 FT.) x 16 FT. = 1008 FT²
- AREA OF EXISTING CONTAINMENT = 3253 FT²
- MINIMUM HEIGHT OF CONTAINMENT WALL REQUIRED:

$$\frac{\text{VOLUME OF CONTAINMENT REQUIRED}}{\text{AREA OF NEW CONTAINMENT}} = \frac{4813 \text{ FT}^3}{1008 \text{ FT}^2 + 3253 \text{ FT}^2} = 1.13 \text{ FT.}$$
- HEIGHT OF NEW & EXISTING CONTAINMENT WALLS = 3.3 FT. (SEE SECTION A)
- HEIGHT OF CONT. WALL RECD. < HEIGHT OF EXIST. & NEW CONT. WALL RECD.
1.13 FT < 3.3 FT.



SECTION B

NOT TO SCALE



SECTION A

NOT TO SCALE

REVISION

PROJECT LOG

CLIENT REVIEW AND
PROGRESS SET
02/11/03

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PROJECT No. 041003

DATE: 01/15/04

CHECKED BY JLivingway

DRAWING No.

SP-1