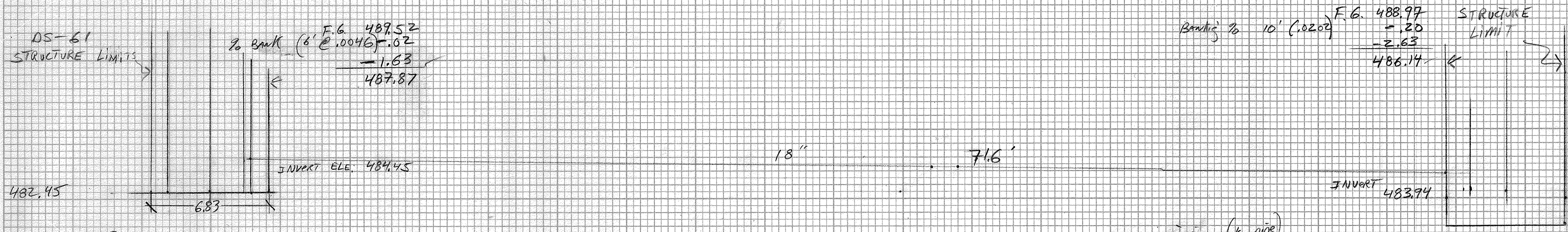
DS-61 SAUNDER AVE
STA 25+44 ~ 26+19 RT
NEW 18" X 72' OF CPEP (SL)

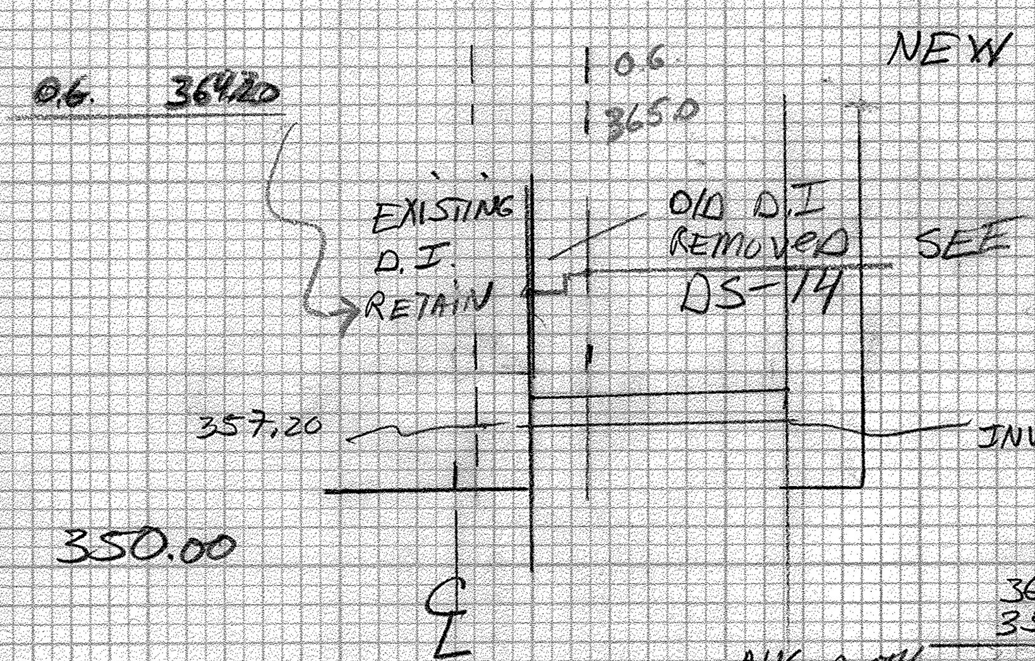


T.E
DS-61 STRUCTURE 487.87 − 482.45 = 5.42 × 3.14 (3.42)² = 199.06
½ 0.5 [.42 × 3.14 (3.42)²] = ~~15.43~~ 7.71
~~214.49~~ 206.77 / 27 = ~~7.94~~ 7.66 cy
CPH

T.E pipe 68.5 FT
487.87 − 484.45 = 3.42' + 486.14 − 483.94 = 2.20 = 5.62 / 2 = 2.81 (AVG depth) × 68.5 (Length) × 3.83 (width) = 737.86 / 27 = 27.30 cy
TBG 12.6.07
CPH 12/07/07

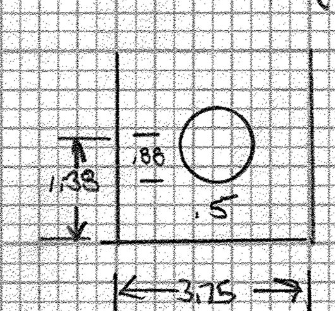
6.B 71.6 (Length) × 3.83 (width) × .92 (½ pipe depth) = 252.28 / 27 = 9.34
− 6B pipe 71.6 × $\frac{\pi r^2}{2}$ = $\frac{3.14(.92)^2}{2}$ = 95.15 / 27 = −3.52
5.82 cy
CPH
12/06/07

DS − 13 25+21.6 RT ~ 25+27.2 RT
NEW 18" X 14' CPEP S.L.
CPH
02/28/08



AVG depth 365.0 − 357.2 = 7.8 + 365.00 − 357.43 = 7.57 / 2 = 7.69 AVG depth
Pipe T.E 70
5' × 3.75 × 10 = 187.5
1.5 × 2.69 × 3.75 × 10 = ~~100.88~~ 151.31 =
/ 27 = ~~10.68~~ 12.55 cy
CLB 02/03/10
REV 01/19/11

GRANULAR BACKFILL FOR STRUCTURES.
18" CPEP (SL) 21" OD = 1.75 USE 14.16 LENGTH



CLB 02/03/10

1.38 × 3.75 = 5.18 sf
$\frac{(.88)^2 \times \pi}{2}$ = −1.22 PIPE DEDUCTION.
3.96 sf
3.96 × 14.16 LF × 1/27 = 2.08 cy BL 6/30/08

HARTFORD RS 0113(40)

SHEET #25 15