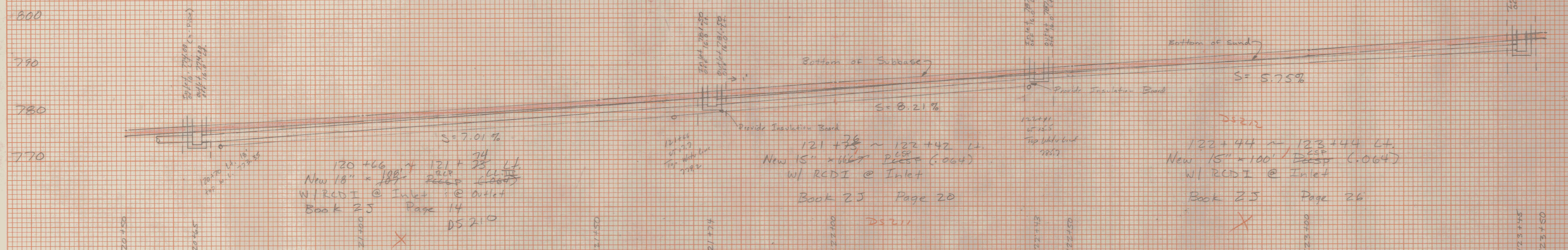


Top of Water Line = 785.70  
 Bottom of Box = 786.81  
 Top of Box = 786.87  
 C.L. of Pipe = 787.00



S = 7.01%  
 120+66 ~ 121+28 Lt.  
 New 18" x 100' Pipe (.064)  
 W/ RCDI @ Inlet & Outlet  
 Book 25 Page 14  
 DS 210

Trench Earth  
 Pipe = 106' x 3.3' x 1/2 = 29.6 c.y.  
 D.I. @ Inlet = 6' x 6' x 3' x 1/2 = 4.0 c.y.  
 D.I. @ Outlet = 6' x 6' x 3.5' x 1/2 = 4.7 c.y.  
 Total Trench Earth = 38.5 c.y.

Trench Rock for Removing old D.I. @ Outlet  
 D.I. = 4' x 4' x 4' x 1/2 = 2.4 c.y.

S = 8.21%  
 121+28 ~ 122+42 Lt.  
 New 15" x 100' Pipe (.064)  
 W/ RCDI @ Inlet  
 Book 25 Page 20  
 DS 211

Trench Earth  
 Pipe = 87' x 3.3' x 1/2 = 10.6 c.y.  
 D.I. = 6' x 6' x 2' x 1/2 = 2.7 c.y.  
 Total Trench Earth = 13.3 c.y.

S = 5.75%  
 122+44 ~ 123+44 Lt.  
 New 15" x 100' Pipe (.064)  
 W/ RCDI @ Inlet  
 Book 25 Page 26  
 DS 212

Trench Earth  
 Pipe = 156' x 3.3' x 1/2 = 19.1 c.y.  
 D.I. = 6' x 6' x 3.5' x 1/2 = 4.7 c.y.  
 Total Trench Earth = 23.8 c.y.

Tray Ps 0311(C)  
 Drainage Sheet # 29