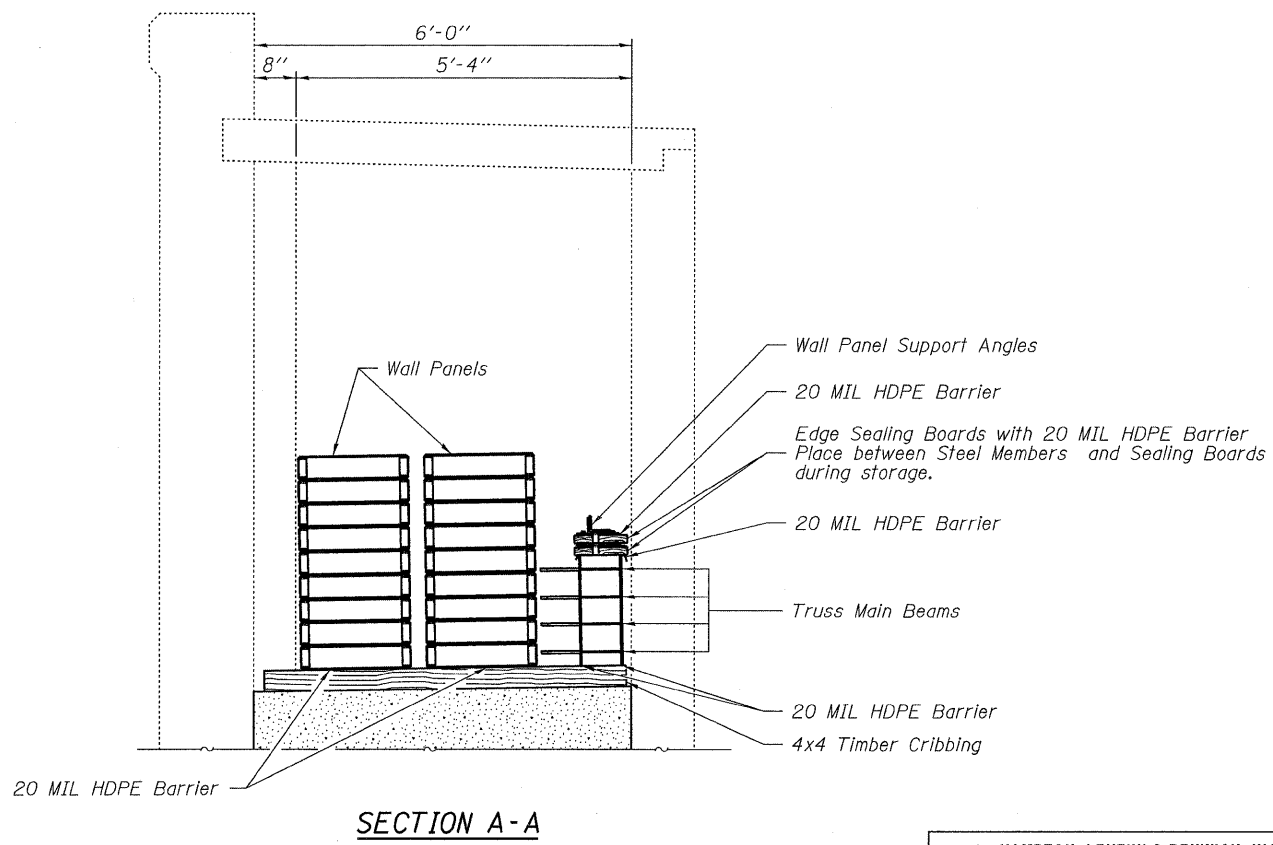


STORAGE VAULT - TOP VIEW



Notes:
 All fasteners will be AASHTO M164 Type-1, mechanically galvanized bolts.
 All fasteners listed shall include an appropriately sized galvanized nut.
 All equipment stored in vault will be placed on lumber cribbing as indicated. Cost included with contract unit price for "Furnishing Structural Steel".
 All Timber Cribbing will be treated with preservatives in accordance with Standard Specifications Article 1007.
 There will be a 20 MIL HDPE Barrier separating the treated timber from all steel members.

VAULT STORAGE LIST

Item:	UNIT:	NO.
Interior Wall Panel	Each	19
End Wall Panel	Each	12
Bottom Wall Panel	Each	4
Main Truss Beam	Each	4
Truss Scissor Section	Each	4
Truss Transverse Brace	Each	3
Wall Panel Support Angle	Each	2
Edge Sealing Board	Each	2
Wooden Wedges	Each	14
Plastic Sheeting, 10 mil, 20'x40' sheet	Each	2
Bar Clamp,	Each	9
Bolts - Galvanized:		
1/2"x5 1/2"	Each	160
1/2"x5"	Each	9
1/2"x2 1/2"	Each	18
Pins - Galvanized:		
1 7/8"x4 1/2"	Each	5
1 1/2"x4 1/2"	Each	5
1 1/2"x3 3/4"	Each	5

Note:
 Additional bolts, wooden wedges and pins over the minimum required for wall erection are included in the numbers listed above in case of loss or damage during erection of the closure wall.

DESIGNED - T.P.L.
CHECKED - M.D.C., S.M.S.
DRAWN - P.J.L.
CHECKED - J.L.B.

VAULT STORAGE PLAN
 MOVABLE LEVEE CLOSURE STRUCTURE

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 PROJECT NUMBER: 08.0214.130 DATE: 10/01/09	SHEET NO. 13 14 SHEETS	FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		869	(105)RS-2	SALINE	82	48
		IL-34 HARRISBURG		CONTRACT NO. 78079		
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		