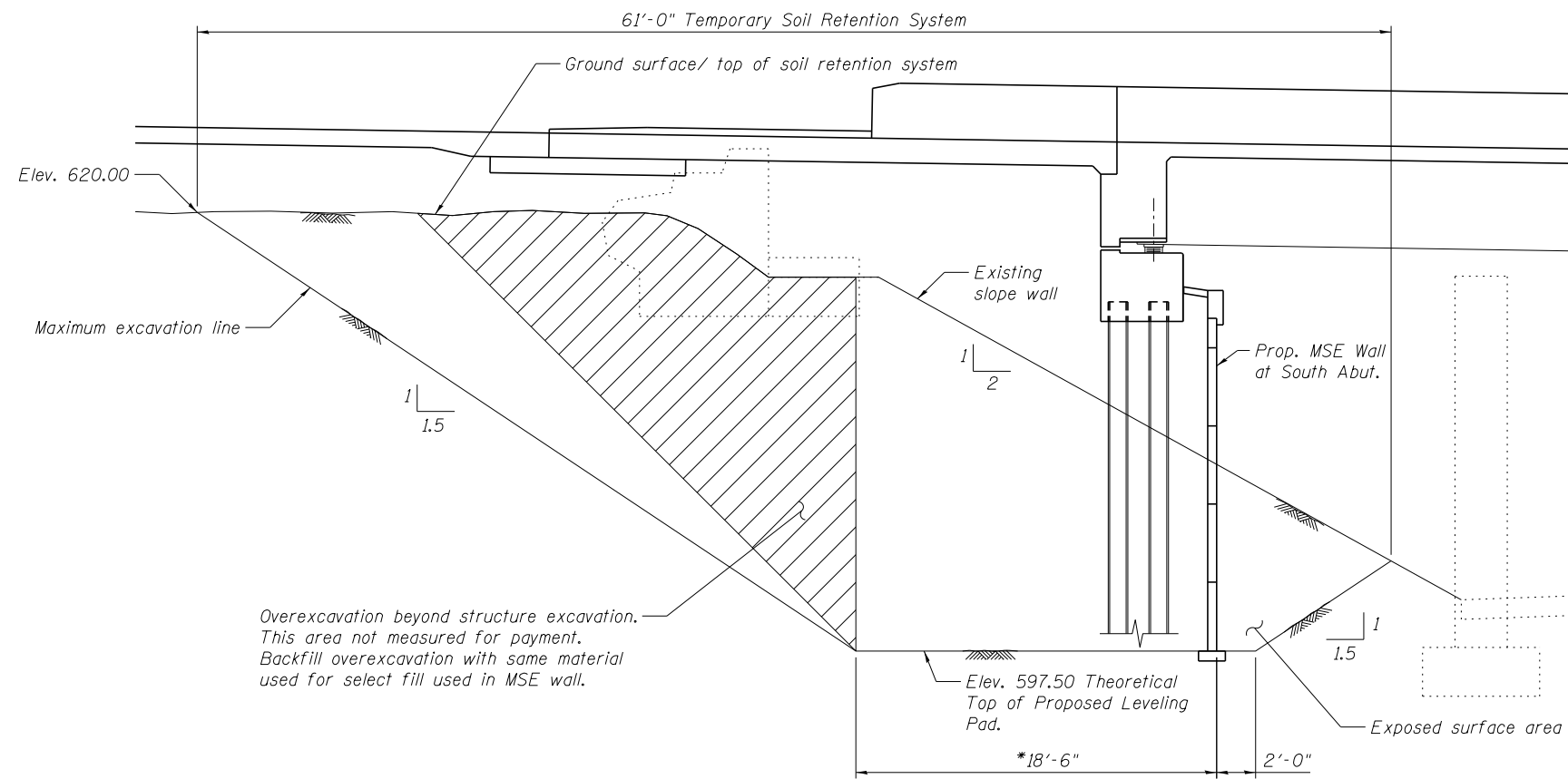


PIER TEMPORARY SOIL RETENTION

NOTE:

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.



MSE WALL TEMPORARY SOIL RETENTION

* Limits of Temporary MSE Wall based on the length of 0.70x"H" for permanent MSE Wall. To be verified with MSE Wall supplier shop drawings.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Temporary Soil Retention System	Sq. Ft.	2344

benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10093

FILE NAME =	USER NAME = ksnider	DESIGNED - DMS/SLV	REVISED -
0161510.60W77.005.Temp.Soil.Ret.Dtls.dgn		CHECKED - KWS	REVISED -
	PLOT SCALE =	DRAWN - DMS/SLV	REVISED -
	PLOT DATE = 6/23/2014	CHECKED - KWS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY SOIL RETENTION SYSTEM
STRUCTURE NO. 016-1510**

SHEET NO. SA5 OF SA43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608&611)HB-B	COOK	177	70
CONTRACT NO. 60W77			ILLINOIS FED. AID PROJECT	