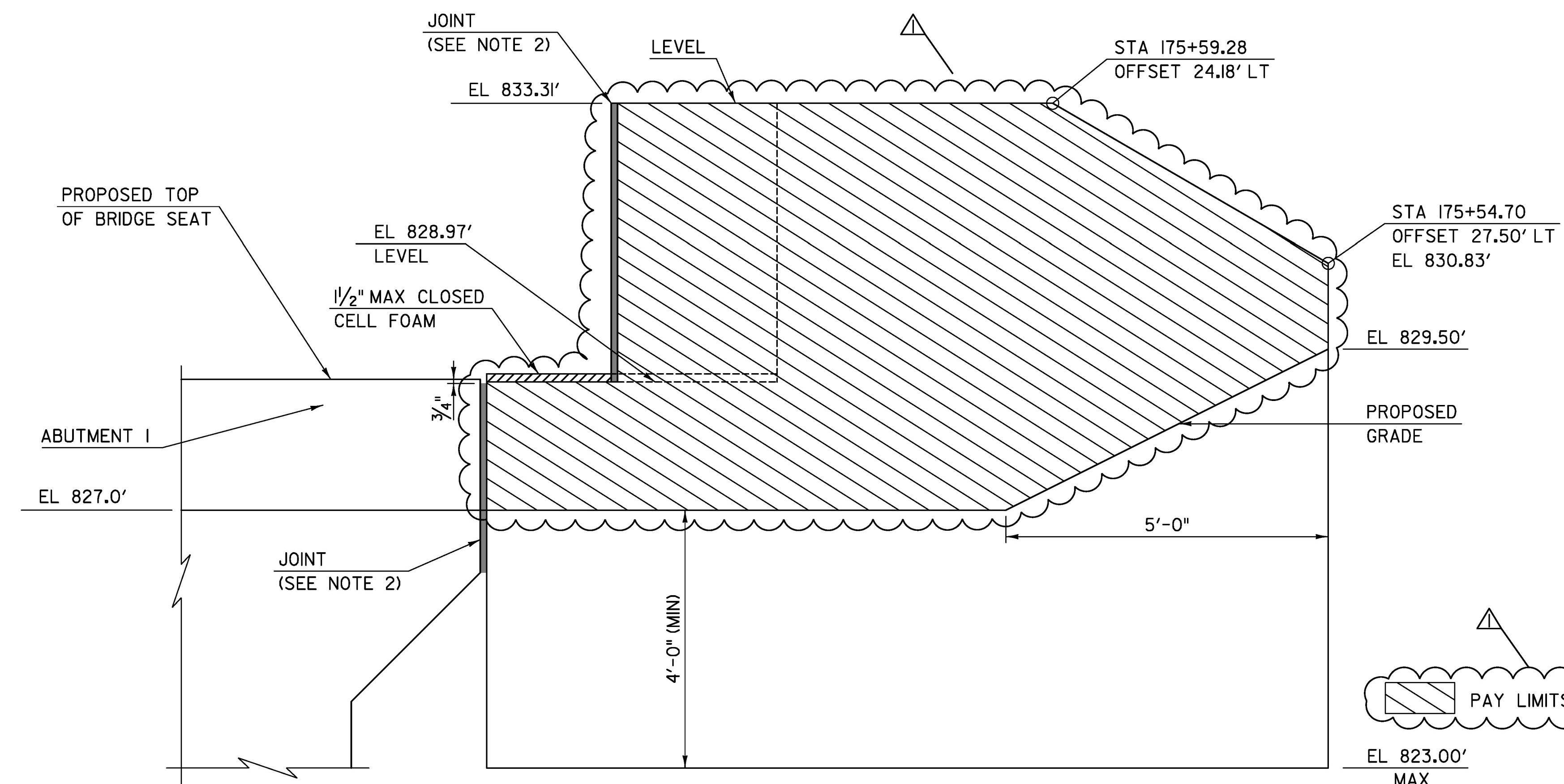


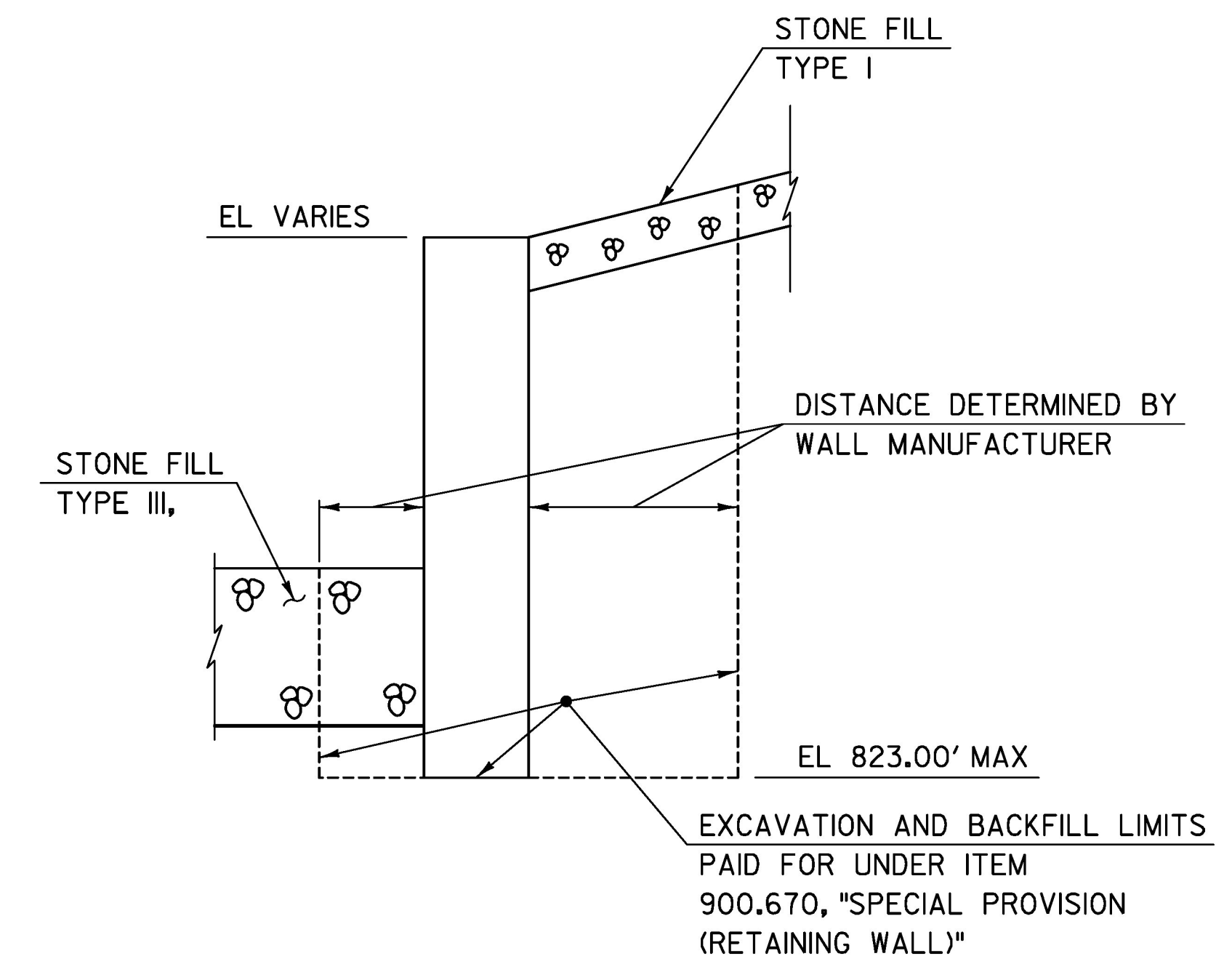
RETAINING WALL I - PLAN
 SCALE: 3/4" = 1'-0"
 (CURTAIN WALL NOT SHOWN FOR CLARITY)

NOTES:

1. THE FOLLOWING SOIL PROPERTIES SHALL BE USED IN THE DESIGN OF THE RETAINING WALL:
 - a. FOUNDATION SOIL DESIGN VALUES
 THE NOMINAL (UNFACTORED) BEARING RESISTANCE IS A FUNCTION OF THE EFFECTIVE FOOTING WIDTH AND VARIES NON-LINEARLY FROM 20.5 KSF (EFFECTIVE WIDTH = 4') TO 31.3 KSF (EFFECTIVE WIDTH = 10')
 - b. FOUNDATION SOIL PARAMETERS
 UNIT WEIGHT: 130 PCF
 FRICTION ANGLE: 37 DEG
 - c. BACKFILL SOIL PARAMETERS
 UNIT WEIGHT: 140 PCF
 FRICTION ANGLE: 34 DEG
2. THE INTERFACE BETWEEN THE RETAINING WALL AND THE ABUTMENT STEM AND THE RETAINING WALL AND CURTAIN WALL SHALL BE DESIGNED TO ALLOW 0.5 INCHES OF MOVEMENT. A JOINT DETAIL SHALL BE SUBMITTED FOR REVIEW AND APPROVAL. ALL COMPONENTS WILL BE INCLUDED IN THE UNIT PRICE FOR ITEM 900.670, "SPECIAL PROVISION (RETAINING WALL)". DIMENSIONS ARE BASED ON A JOINT THICKNESS OF 3/4". IF A DIFFERENT THICKNESS IS USED, GEOMETRY WILL NEED TO BE MODIFIED BY THE CONTRACTOR.
3. DIMENSIONS ARE BASED ON A RETAINING WALL THICKNESS OF 24". IF A DIFFERENT THICKNESS IS USED, GEOMETRY WILL NEED TO BE MODIFIED BY THE CONTRACTOR.



RETAINING WALL I - ELEVATION
 SCALE: 3/4" = 1'-0"
 (CURTAIN WALL NOT SHOWN FOR CLARITY)



TYPICAL SECTION
 SCALE: 3/8" = 1'-0"

PAY LIMITS OF ITEM 900.670, "SPECIAL PROVISION (RETAINING WALL)"

REV	DATE	DESCRIPTION
△	10/26/2016	PAY LIMIT CLARIFICATION

TYLIN INTERNATIONAL

PROJECT NAME: CHelsea	PLOT DATE: 10/25/2016
PROJECT NUMBER: BHF 0169(10)	DRAWN BY: S. MORGAN
FILE NAME: z12ci52r-wall.dgn	CHECKED BY: B. TOOTHAKER
PROJECT LEADER: J. OLUND	SHEET 115 OF 137
DESIGNED BY: T. POULIN	
RETAINING WALL I	