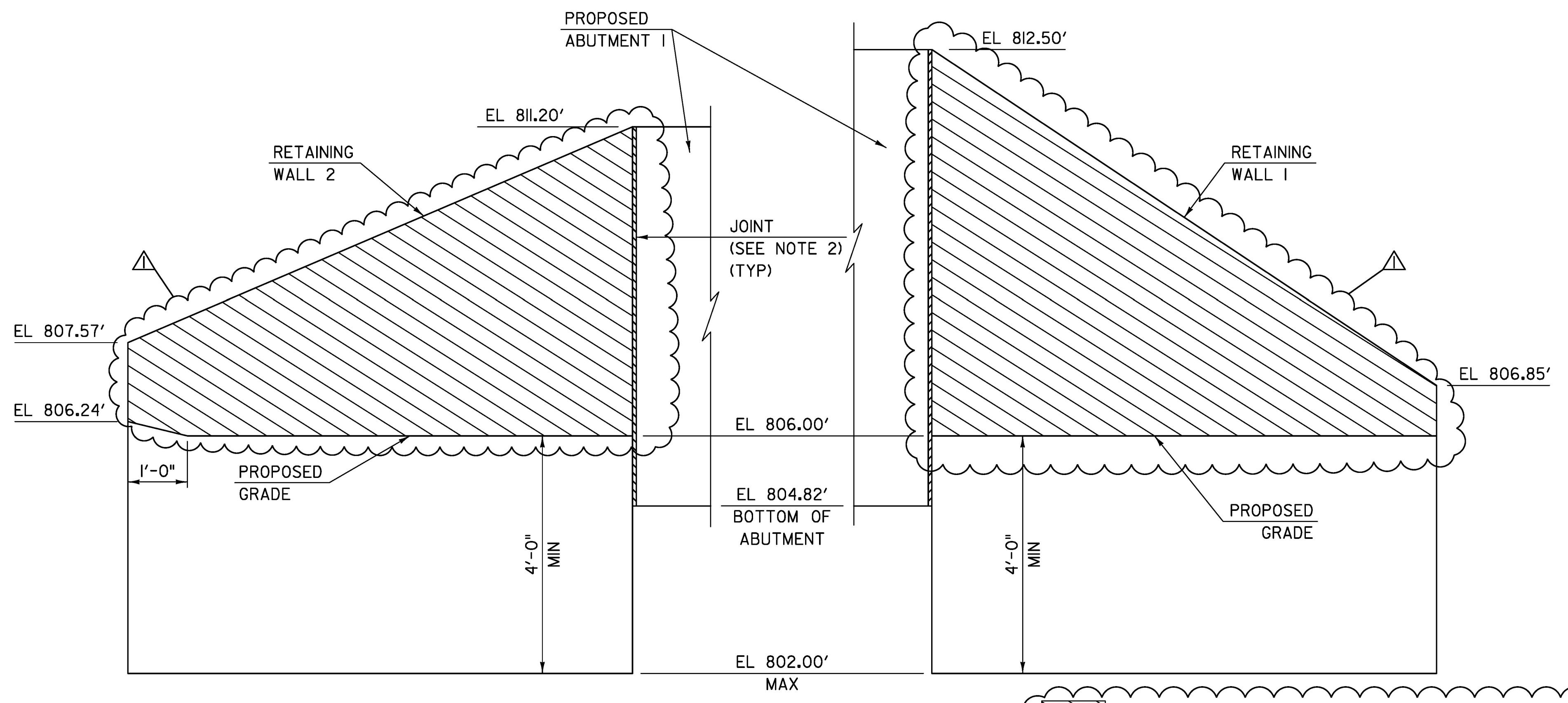
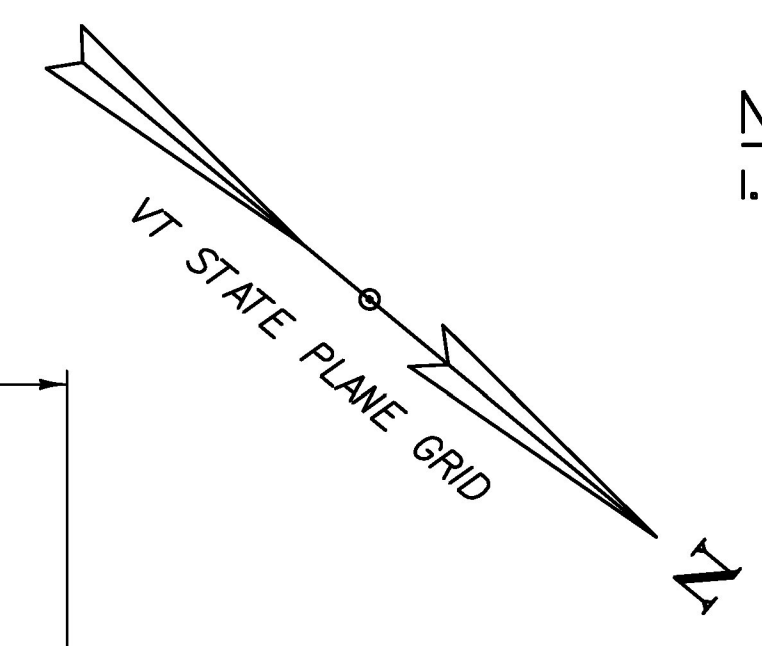


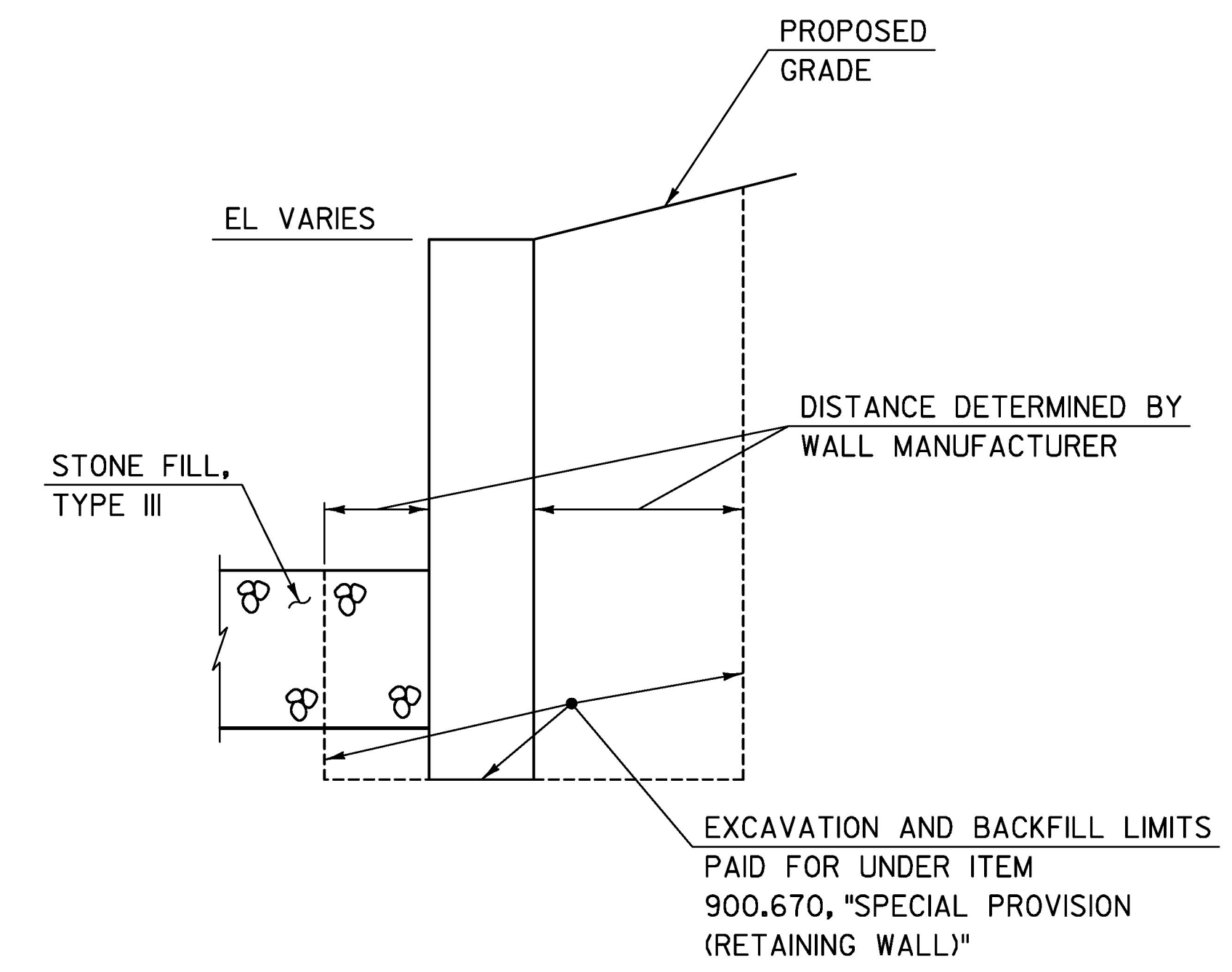
RETAINING WALLS 1 & 2 PLAN
SCALE: 3/4" = 1'-0"

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 8.5 KSF (EFFECTIVE WIDTH = 4') TO 12.0 KSF (EFFECTIVE WIDTH = 10')
 - b. FOUNDATION SOIL PARAMETERS
UNIT WEIGHT: 115 PCF
FRICTION ANGLE: 31 DEG
 - c. BACKFILL SOIL PARAMETERS
UNIT WEIGHT: 140 PCF
FRICTION ANGLE: 34 DEG
2. THE INTERFACE BETWEEN THE RETAINING WALL AND THE ABUTMENT CAP 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 AND STATIONS SHOWN 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 WALLS 1 & 2 ELEVATION
SCALE: 3/4" = 1'-0"



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(9)	DRAWN BY: J. HOWE
	FILE NAME: z12ci50r-wall1.dgn	CHECKED BY: T. POULIN
	PROJECT LEADER: J. OLUND	SHEET 53 OF 137
	DESIGNED BY: B. TOOTHAKER	
	RETAINING WALL DETAILS I	