

NOTE TO DESIGNER:

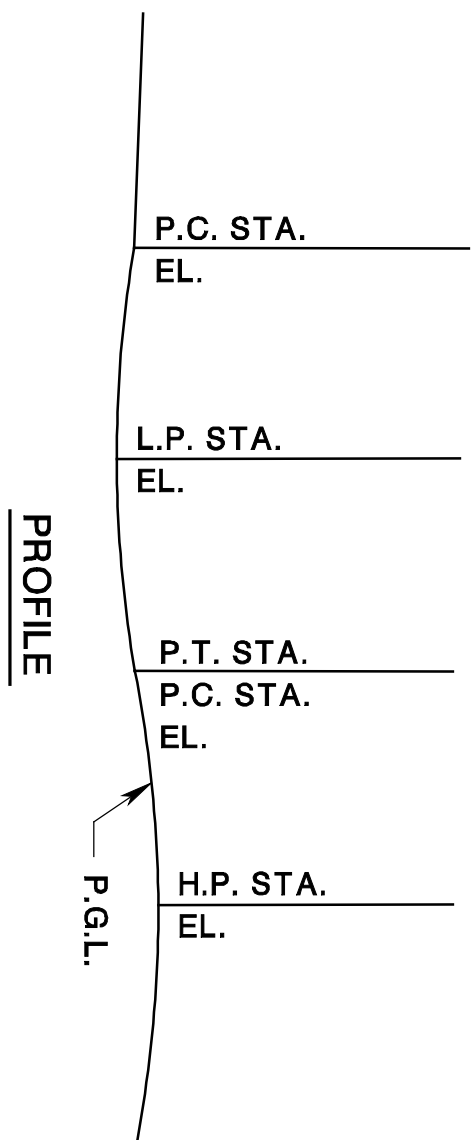
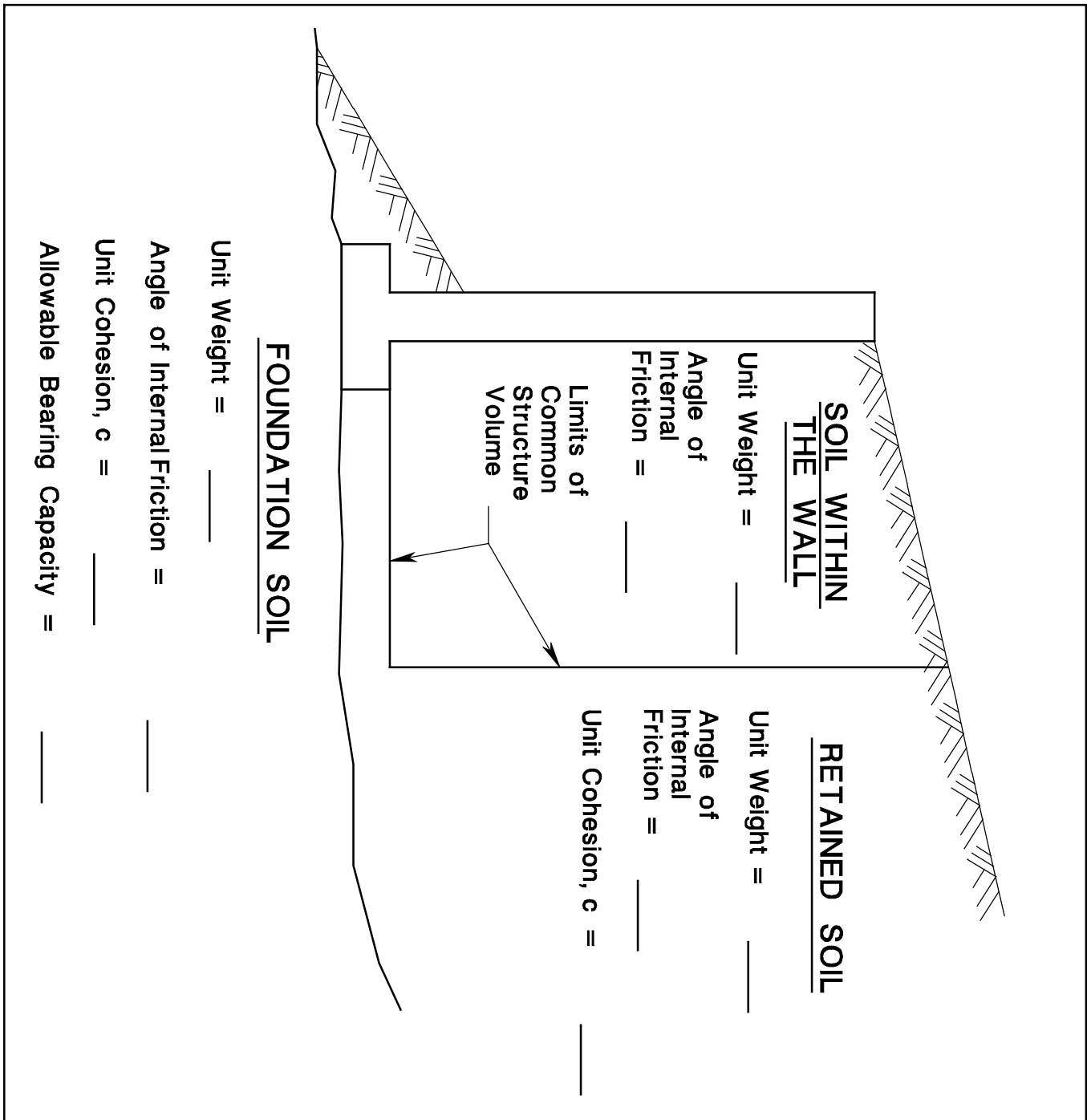
THIS SHEET IS NOT TO BE PLACED INTO THE CONTRACT SET OF PLANS AS IS. HOWEVER, INDIVIDUAL DETAILS SHALL BE UTILIZED IN PROVIDING PROJECT SPECIFIC REQUIREMENTS.

GENERAL NOTES:

1. DESIGN SPECIFICATIONS
AASHTO LRFD BRIDGE DESIGN SPECIFICATION (WITH CURRENT INTRIMS) AS MODIFIED BY SECTION 3 OF NJDOT DESIGN MANUAL FOR BRIDGES AND STRUCTURES.
2. CONSTRUCTION SPECIFICATIONS
THE NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WITH CURRENT SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY THE SPECIAL PROVISIONS.
3. LIVE LOADINGS
LIVE LOAD SURCHARGE EQUAL TO 2'-0" OF EARTH PRESSURE.
4. CONCRETE DESIGN STRESSES
(A) SPECIFIED DESIGN COMPRESSIVE STRENGTHS (f'c)
CLASS A CONCRETE (FOOTINGS, LEVELING PADS) -----4,000 PSI
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----3,000 PSI
CLASS P CONCRETE (PRECAST UNITS)-----5,000 PSI
(B) CLASS DESIGN STRENGTHS
CLASS A CONCRETE (PARAPETS) -----4,800 PSI
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----3,700 PSI
CLASS P CONCRETE (PRECAST UNITS)-----5,500 PSI
(C) ALLOWABLE STRENGTHS, EXTREME FIBER IN COMPRESSION (fc)
CLASS A CONCRETE (PARAPETS) -----1,600 PSI
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----1,200 PSI
CLASS P CONCRETE (PRECAST UNITS)-----2,000 PSI
5. REINFORCEMENT STEEL
ASTM A615 (GRADE 60) (Fs) = 24,000 PSI
6. BORINGS
● INDICATES LOCATION OF BORINGS
7. PREAPPROVED ALTERNATES:
AT THIS LOCATION, ALTERNATE WALL TYPES ARE PERMITTED.
LISTED BELOW ARE THE WALL TYPES THAT MAY BE USED
MECHANICALLY STABILIZED EARTH WALL
ALTERNATE RETAINING WALL

WORKING ITEMS:

1. WORK ITEMS WILL BE GOVERNED BY THE APPROPRIATE SECTIONS OF THE SPECIFICATIONS.
2. ALL ITEMS OF WORK TO COMPLETE THE COMMON STRUCTURE VOLUME SHALL BE FULLY DETAILED ON THE SHOP DRAWINGS AND SHALL BE CONSISTENT WITH THE DETAILS SHOWN ON THESE PLANS AND SPECIFICATIONS.
3. TEMPORARY SHEETING OR ANY COFFERDAM USE THAT IS REQUIRED FOR THE WORK, SHALL BE INCLUDED AS A SEPARATE ITEM AND ON A SEPARATE WORKING DRAWINGS FROM THE RETAINING WALL SUBMISSION.
4. ROADWAY EXCAVATION IS NOT INCLUDED AS A WORK ITEM AND IS PAID FOR SEPARATELY.

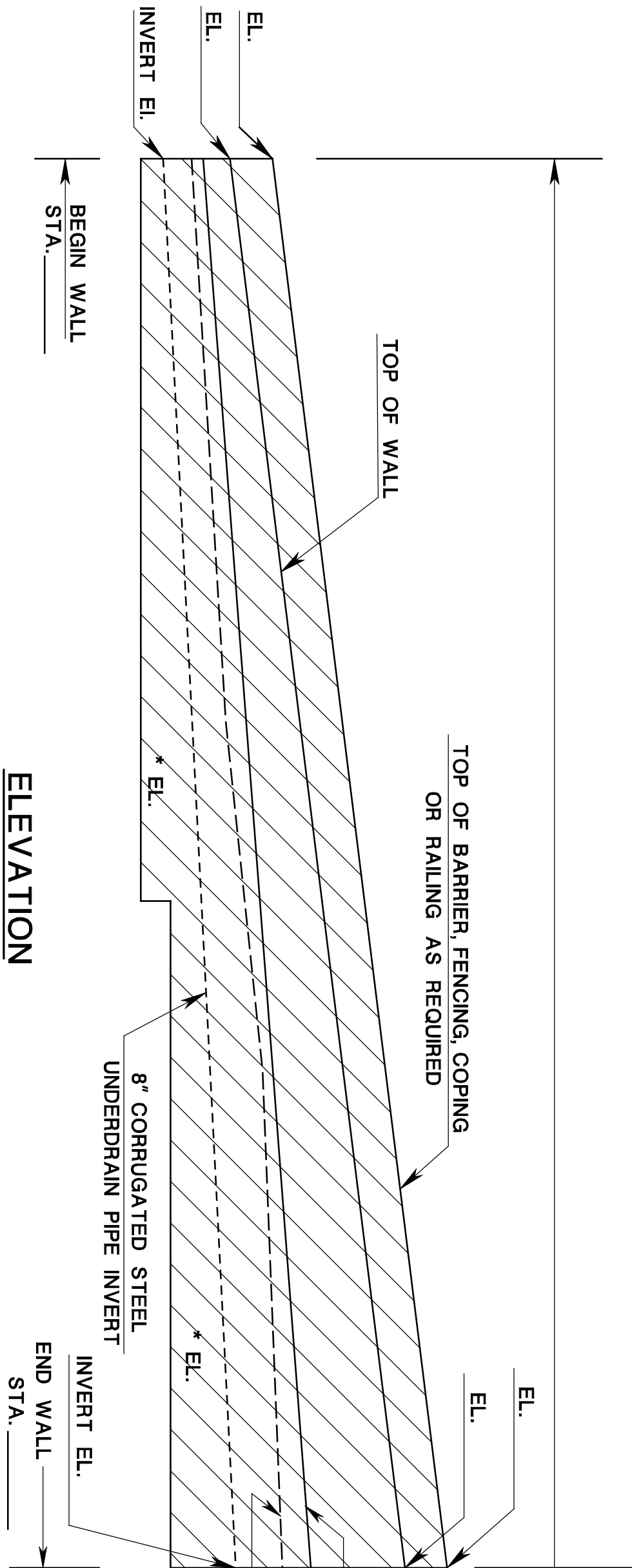
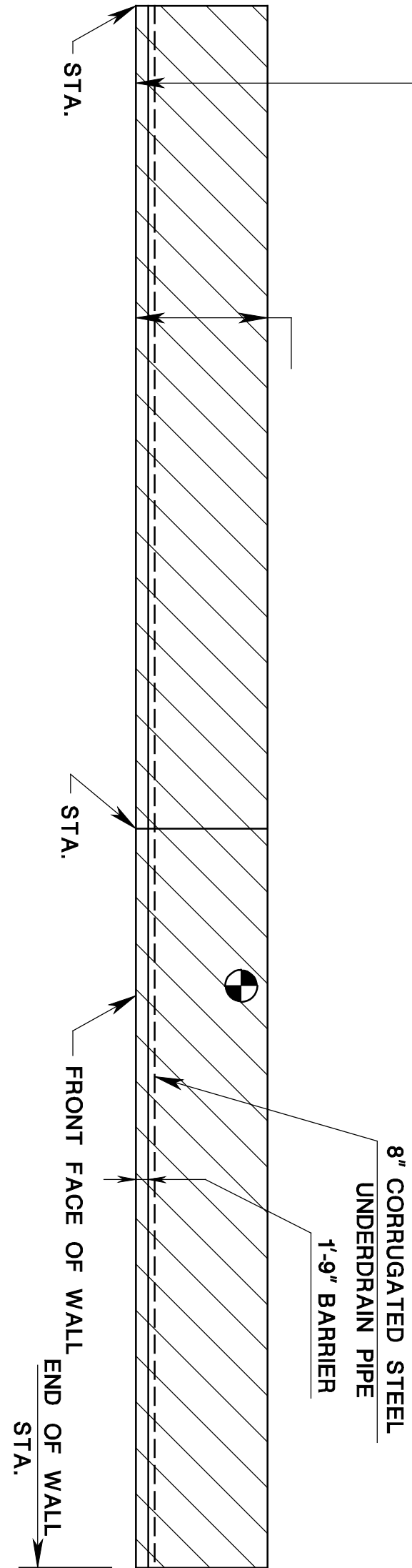
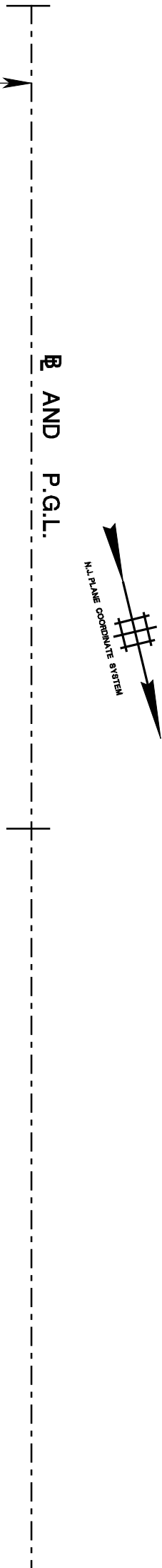


CURVE DATA			
CURVE NO. 1	P. C.	P. I.	P. T.
STATION			
BEARING			
COORDINATES			

LEGEND

- FOUNDATION EXCAVATION
- BOTTOM OF FOOTING ELEVATION

BDC04MB-01



WORK ITEMS - WALL 1

FOR INFORMATION ONLY (Price to be included in Wall Items)

DESCRIPTION	UNIT	APPROXIMATE QUANTITY		
		**	**	**
FOUNDATION EXCAVATION	C.Y.			
CONCRETE LEVELING PAD	L.F.			
CONCRETE IN STRUCTURES, FOOTINGS	C.Y.			
CONCRETE IN SUPERSTRUCTURES, PARAPET (BARRIER CURB)	L.F.			
POROUS FILL 1:9	C.Y.			
8" CORRUGATED STEEL UNDERDRAIN PIPE	L.F.			
SPECIFIED BACKFILL	C.Y.			
PRECAST WALL ELEMENT	S.F.	***	***	***
BORROW EXCAVATION, ZONE-3	C.Y.			
(1)				
(1)				

(1) ADD ITEMS AS REQUIRED

** INSERT THE NAMES OF ALL FEASIBLE WALL TYPES

*** THE LIMIT OF THIS QUANTITY EXTENDS FROM TOP OF THE LEVELING PAD TO THE BOTTOM OF THE CONCRETE BARRIER

ESTIMATE OF QUANTITIES - WALL 1

PAY STANDARD ITEM NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY
	RETAINING WALL, LOCATION NO.	S.F.	
	NO ITEM		
	NO ITEM		
	NO ITEM		



STANDARD DRAWING PLATE 2.6-1

NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

WALL 1

SAMPLE CONTROL PLAN (SHEET 1)

ROUTE: SECTION:

MUNICIPALITY COUNTY

SCALE : NONE

BRIDGE SHEET NO. OF