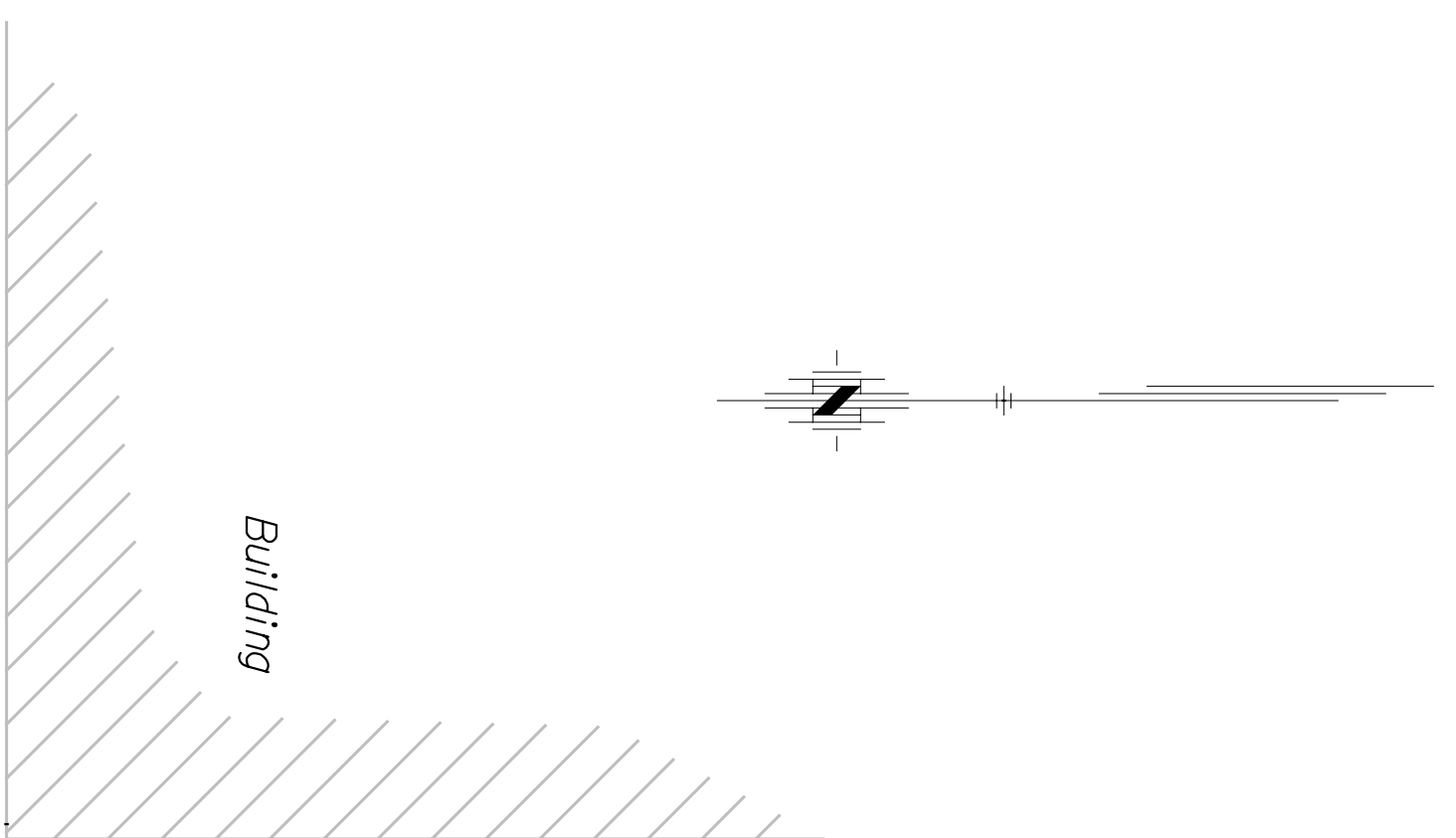
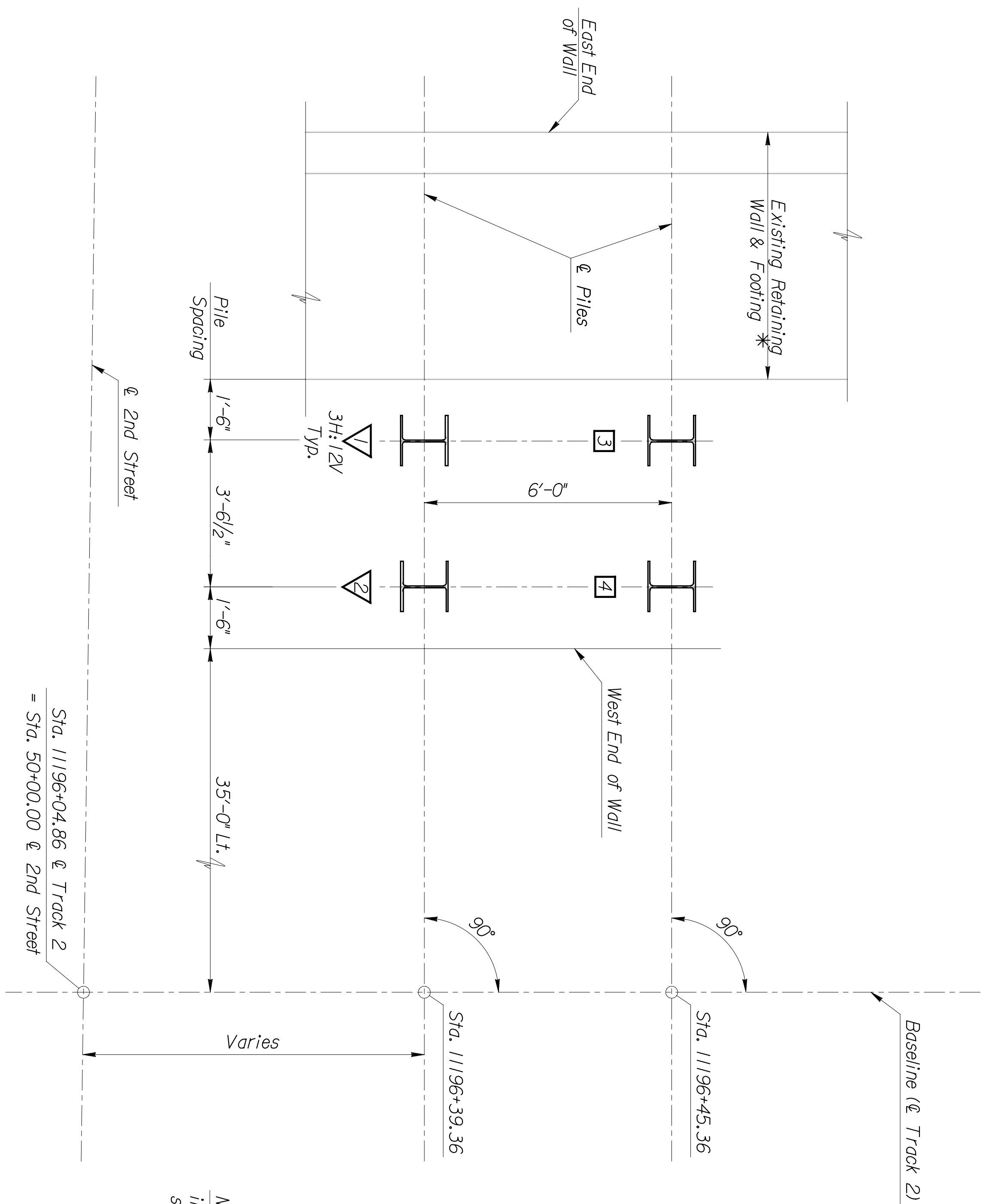


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-94071	2005	W4.10	

*Note: The Contractor shall verify the location of the east face of the existing retaining wall, prior to driving piles.



DATE	BY



PILE LAYOUT
Scale: 1/2" = 1'-0"

PILE DATA						
PILE NO.	PILE TYPE	BOTTOM OF FOOTING (FT.)	PILE CUT-OFF ELEV. (FT.)	ESTIMATE PILE TIP ELEV. (FT.)	PILE LENGTH (FT.)	DESIGN PILE BEARING (TONS/PILE)
1, 2	HP14x89	1293.27	1294.77	1216.77	81	87.9
3, 4	HP14x89	1293.27	1294.77	1216.77	78	87.9

This sheet designed by:



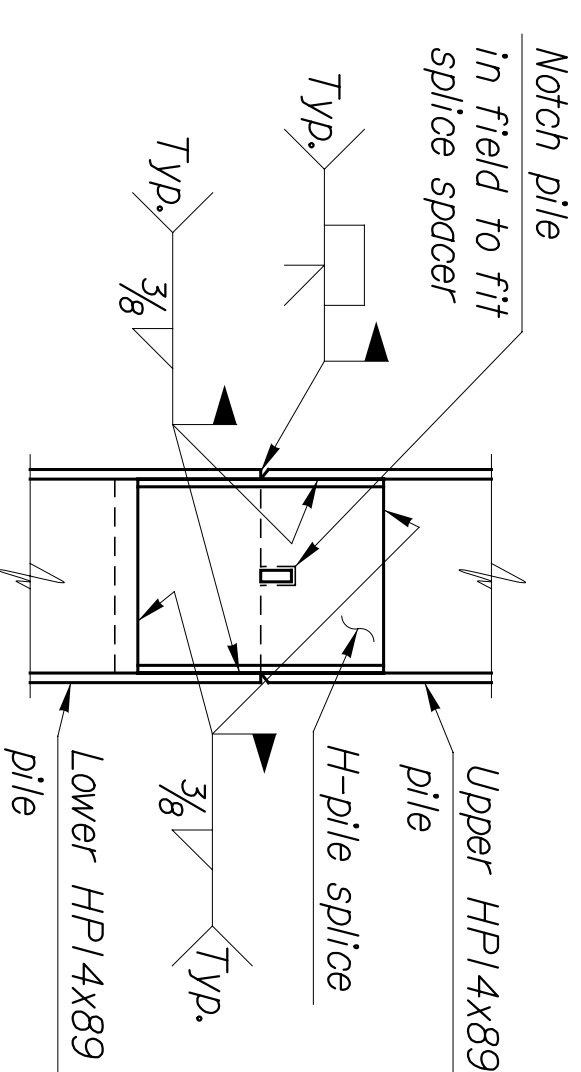
ARCHITECTS ENGINEERS PLANNERS

NOTES:
Steel for piles shall conform to ASTM A709, Grade 50.
Pile spacing is shown at bottom of footing.
Pile lengths shown on the plans are estimated pile lengths for bidding purposes. Actual pile order lengths will be provided following the completion of Dynamic Pile Analysis at the 2nd Street Bridge site.

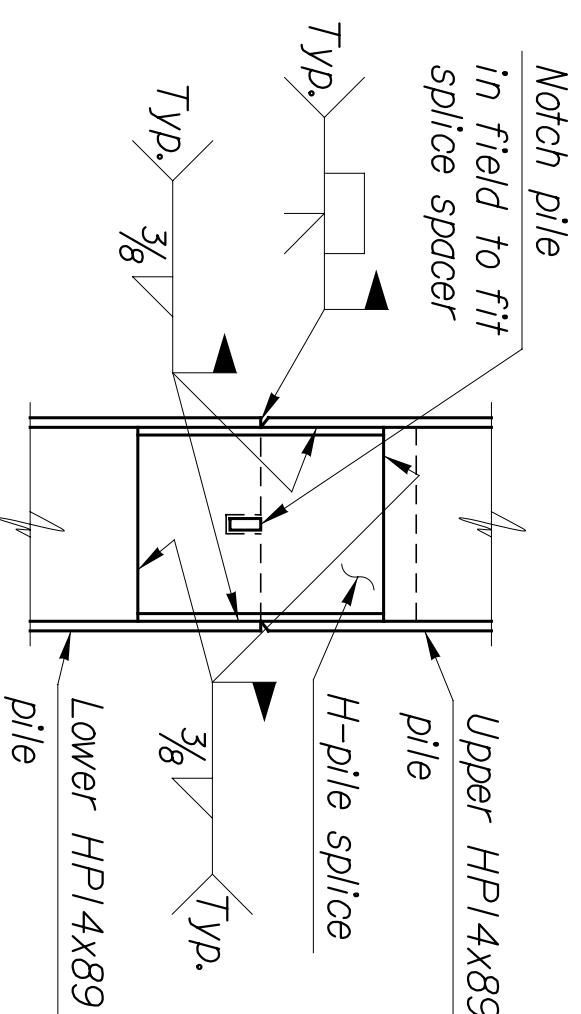
Piles shall be driven to penetrate into the Wellington Shale Formation. Drive all piles to the minimum tip elevation and driving criteria determined from the Dynamic Pile Analysis performed on the test piles as outlined in the specifications. Final tip elevations will be established by the Engineer, based on meeting the driving criteria.

Driving shall stop when in the opinion of the Engineer additional driving may damage the pile. At any locations where problems are experienced, pile damage is suspected, or apparent refusal occurs significantly above the minimum tip elevation, the Engineer may request that additional Dynamic Pile Analysis be performed.

Excavations may encounter contaminated groundwater and/or soils. City of Wichita requirements for handling contaminated materials shall be followed.
A vibration monitoring program shall be required per the specifications in conjunction with the performance of pile driving and other construction activities.

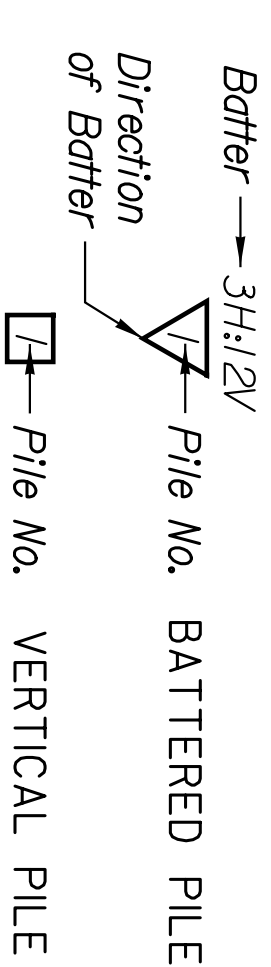


PILE SPICE DETAIL
Not to Scale



ALTERNATE PILE SPICE DETAIL
Not to Scale

LEGEND



REVISIONS			
NO.	DATE	BY	APP'D.
2			
1			

CITY OF WICHITA
WICHITA CENTRAL CORRIDOR
2ND STREET WALL (SE)
FOUNDATION LAYOUT

SHEET NO.	OF	SCALE	APP'D.	TRACED
DESIGNED BY	CHK'D	DETAILS BY	QUANTITIES BY	FRAME BY
DESIGN CR.				