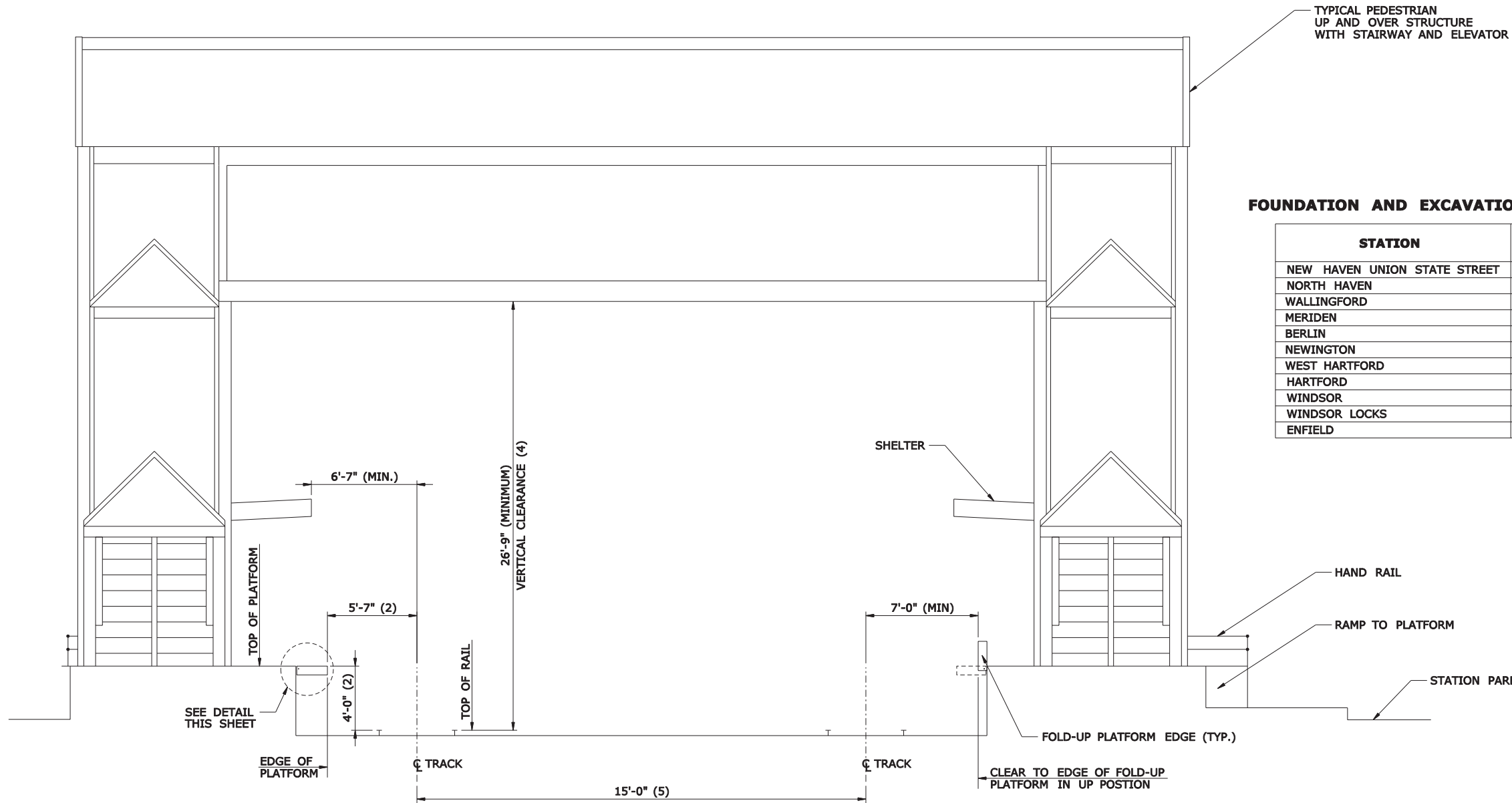
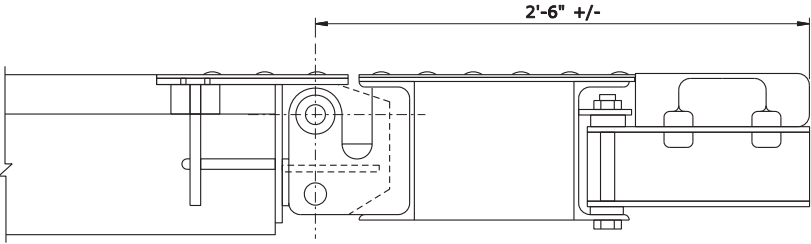


## 1.4 Typical Cross-Section (Sheet 44)



**FOUNDATION AND EXCAVATION/GROUND IMPROVEMENT CONSIDERATIONS**

STATION	GROUND IMPROVEMENT FOR PAVEMENT	FOUNDATIONS FOR STRUCTURES
NEW HAVEN UNION STATE STREET	NORMAL SUBGRADE PREPARATION	SPREAD FOOTING
NORTH HAVEN	UNDERCUT	PILES, 120 FT.
WALLINGFORD	NORMAL SUBGRADE PREPARATION	SPREAD FOOTING
MERIDEN	ROCK EXCAVATION	SPREAD FOOTING
Berlin	NORMAL SUBGRADE PREPARATION	SPREAD FOOTING
NEWINGTON	UNDERCUT	PILES, 50 FT.
WEST HARTFORD	NORMAL SUBGRADE PREPARATION	SPREAD FOOTING
HARTFORD	UNDERCUT	PILES, 60 FT.
WINDSOR	UNDERCUT	SPREAD FOOTING
WINDSOR LOCKS	NORMAL SUBGRADE PREPARATION	SPREAD FOOTING
ENFIELD	NORMAL SUBGRADE PREPARATION	SPREAD FOOTING



**TYPICAL SECTION - FOLD-UP PLATFORM EDGE (3) NTS**

**TYPICAL TRACK CROSS SECTION AT STATION (SYMETRICAL)**

**PLATFORM LENGTH - 180'**

- NEW HAVEN STATE STREET STATION
- NORTH HAVEN STATION
- NEWINGTON STATION
- WEST HARTFORD STATION
- ENFIELD STATION

**PLATFORM LENGTH - 500'**

- WALLINGFORD STATION
- MERIDEN STATION
- BERLIN STATION
- HARTFORD STATION
- WINDSOR STATION
- WINDSOR LOCKS STATION

- NOTES:**
1. ALL PERMANENT STRUCTURE CLEARANCES MEET MINIMUM STRACNET REQUIREMENTS
  2. DIMENSIONS BASED ON AMTRAK MINIMUM CLEARANCES.
  3. TYPICAL SECTION BASED ON CONSTRUCTION PLANS PROVIDED BY CONNDOT
  4. AMTRAK MINIMUM CLEARANCE AT 24'-6" TROLLEY WIRE HEIGHT
  5. TRACK CENTER BASED ON AMTRAK REQUIREMENT OF 15' ON TANGENT TRACKS.
  6. PLATFORM LENGTH BASED ON 3 - 85'-4" PASSENGER CARS (84 PASSENGERS)

**CONCEPT DESIGN REVIEW**

DESIGNER/DRAFTER: <b>C. HISLOP</b>	<p><b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>OFFICE OF ENVIRONMENTAL PLANNING</b></p>	<p>PROJECT TITLE: <b>NEW HAVEN - HARTFORD - SPRINGFIELD LINE ENVIRONMENTAL ASSESSMENT</b></p>	<p>TOWN: <b>NEW HAVEN - HARTFORD SPRINGFIELD</b></p>	<p>PROJECT NO. <b>170-2296</b></p>	
CHECKED BY: <b>K. SMITH</b>						<p>FILENAME: ...Planning\ELEVATION.dgn</p>
REV. DATE	REVISION DESCRIPTION	SHEET NO.	Plotted: 07/31/09			