



NOTES:  
 1. ALL EXPOSED STEEL SHALL BE GALVANIZED.  
 2. ROOF SCREENS AND SUPPORT SYSTEM SHALL BE STRUCTURALLY ENGINEERED BY CONTRACTOR. TYPES, MATERIALS, CONNECTIONS, AND SIZES SHOWN ARE INDICATED FOR INFORMATION ONLY. ANY CHANGE IN CONTRACT COST OR THE WALL ABOVE DUE TO CONTRACTOR'S CHOICE OF MATERIALS OR METHODS SHALL BE SHOWN ON THE CONTRACT DRAWINGS.  
 3. PROVIDE A COMPLETE SYSTEM INCLUDING ALL NECESSARY SUPPORTS, CONNECTORS, ACCESSORIES, AND FASTENERS REGARDLESS OF WHETHER INDIVIDUALLY IDENTIFIED ON THESE DRAWINGS.  
 4. MECHANICAL EQUIPMENT, EXHAUSTORS, AND SUPPORTS SHALL BE SHOWN IN THE FIELD OF THE ROOF SCREEN. LOCATION, LOADING, AND SIZES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL CONDITIONS BEFORE INSTALLATION. CONTRACTOR SHALL FIELD MEASURE EXISTING ROOF TOP CONDITIONS AND PROVIDE A COMPLETE SUPPORT SYSTEM THAT FIT WITHIN AVAILABLE SPACE.  
 5. DUE TO EXISTING CONDITIONS, THE HORIZONTAL SPACING BETWEEN SUPPORTS AND THE HORIZONTAL LENGTH OF THE SUPPORTS CANNOT BE UNIFORM THROUGHOUT. CONTRACTOR SHALL VERIFY ALL CONDITIONS BEFORE INSTALLATION. CONTRACTOR SHALL FIELD MEASURE EXISTING ROOF TOP CONDITIONS AND PROVIDE A COMPLETE SUPPORT SYSTEM FOR WHICH DIMENSIONS CAN BE EASILY ADJUSTED IN THE FIELD WHERE NECESSARY DURING INSTALLATION.  
 6. ALL WORK SHOWN ON THIS DRAWING SHEET IS WORK OF ALTERNATE #8.

NOTE:  
 P<sub>v</sub> = MAX. ALLOWABLE VERTICAL COMPONENT FORCE AS GOVERNED BY THE DESIGN OF THE SUPPORTS AND CONNECTIONS WHEN COMBINED WITH P<sub>v</sub> REACTIONS NOTED BELOW.  
 P<sub>w</sub> = MAX. ALLOWABLE VERTICAL REACTION COMPONENT FORCE FROM THE DIAGONAL KICKER (BRACE). THE REACTIONS FROM THE EXISTING ROOF SHALL BE MAINTAINED. MAXIMUM P<sub>w</sub> VALUES ARE AS SHOWN IN THE FOLLOWING TABLE.

"X" LESS THAN OR EQUAL TO:	P <sub>v</sub> (MAX.)
4'-0"	1000 LBS/FT.
5'-0"	860 LBS/FT.
6'-0"	750 LBS/FT.
7'-0"	665 LBS/FT.
8'-0"	600 LBS/FT.
9'-0"	545 LBS/FT.
10'-0"	500 LBS/FT.
12'-0"	460 LBS/FT.

