

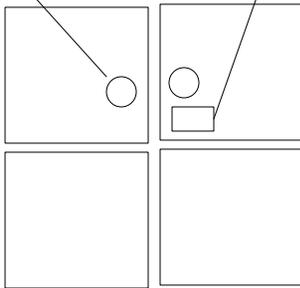
The Projector mounting infrastructure consists of a length of unistrut fastened to the ceiling pad, a pipe flange which attaches to the unistrut, and a 1 1/2" threaded pipe which attaches to the flange and extends down to 2 in. below the finished ceiling. A single length of unistrut is used in most cases, however a unistrut frame is required in rooms with a larger seating capacity (and using a larger projector) or in other special circumstances. The unistrut or unistrut frame is centered to the white viewable portion of the screen. If there are obstacles in the ceiling that prevent the unistrut from being attached directly to the ceiling pad, then threaded rod can be used to straddle the obstacle; however, angled bracing is required to ensure the unistrut is completely rigid and free of vibrations.

Plenum cabling is typically used for the AV installation and a duplex receptacle, an information outlet, and a 2" bushing for plenum cabling are installed within 6 in. of the mounting pole. When a non-accessible ceiling is specified, a cable pathway complete from AV closet to projector is required.

### View of ceiling tiles at projector mount

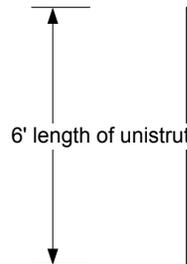
The projector pole should extend 2" below the finished ceiling

Locate the 2" Bushing and the duplex receptacle in an adjacent tile and within 6 inches of pole.



### Single unistrut for Small projectors

Screen

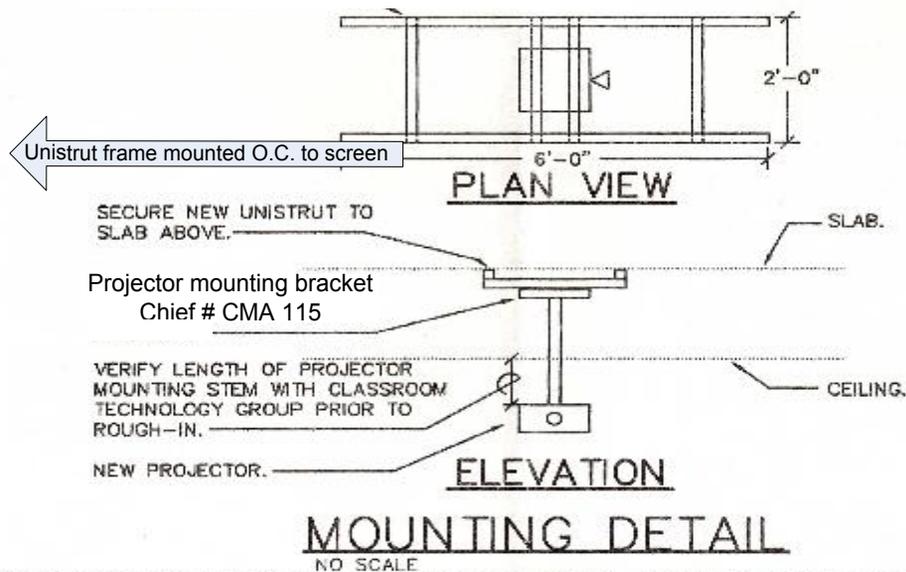


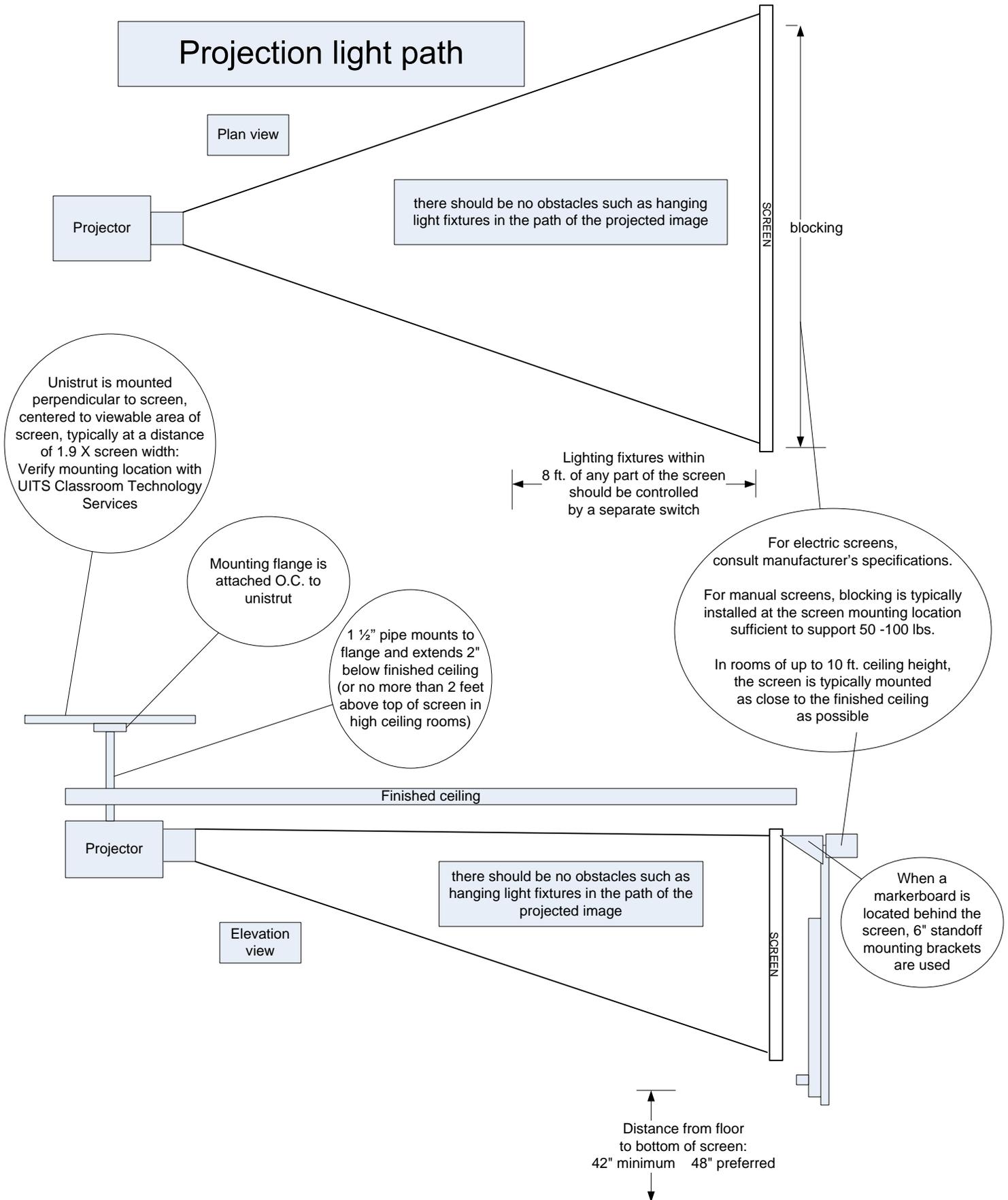
NOTE: If there are obstructions at the preferred location, projector mount location can be located back 1 foot but forward no more than 6".

Typically 1.9 X screen width:  
verify mounting location with  
UITS Classroom Technology Services

Attach the mounting flange here (Bretford # TVCM-BK)  
Install a 2" feedthrough bushing within 6" of pole for AV cabling  
Install a duplex receptacle within 6" of pole  
Optional Install a 1-port IU Information Outlet within 6" of pole

### Unistrut frame for Large projectors





## Installed Projection Technology Conduit requirements (with accessible ceiling)

Coordinate location of all boxes with UITS Classroom Technology Services

Note that this drawing represents a room with an accessible drop-ceiling.

If ceiling is inaccessible, conduit will be needed for AV cabling and audio speakers

