

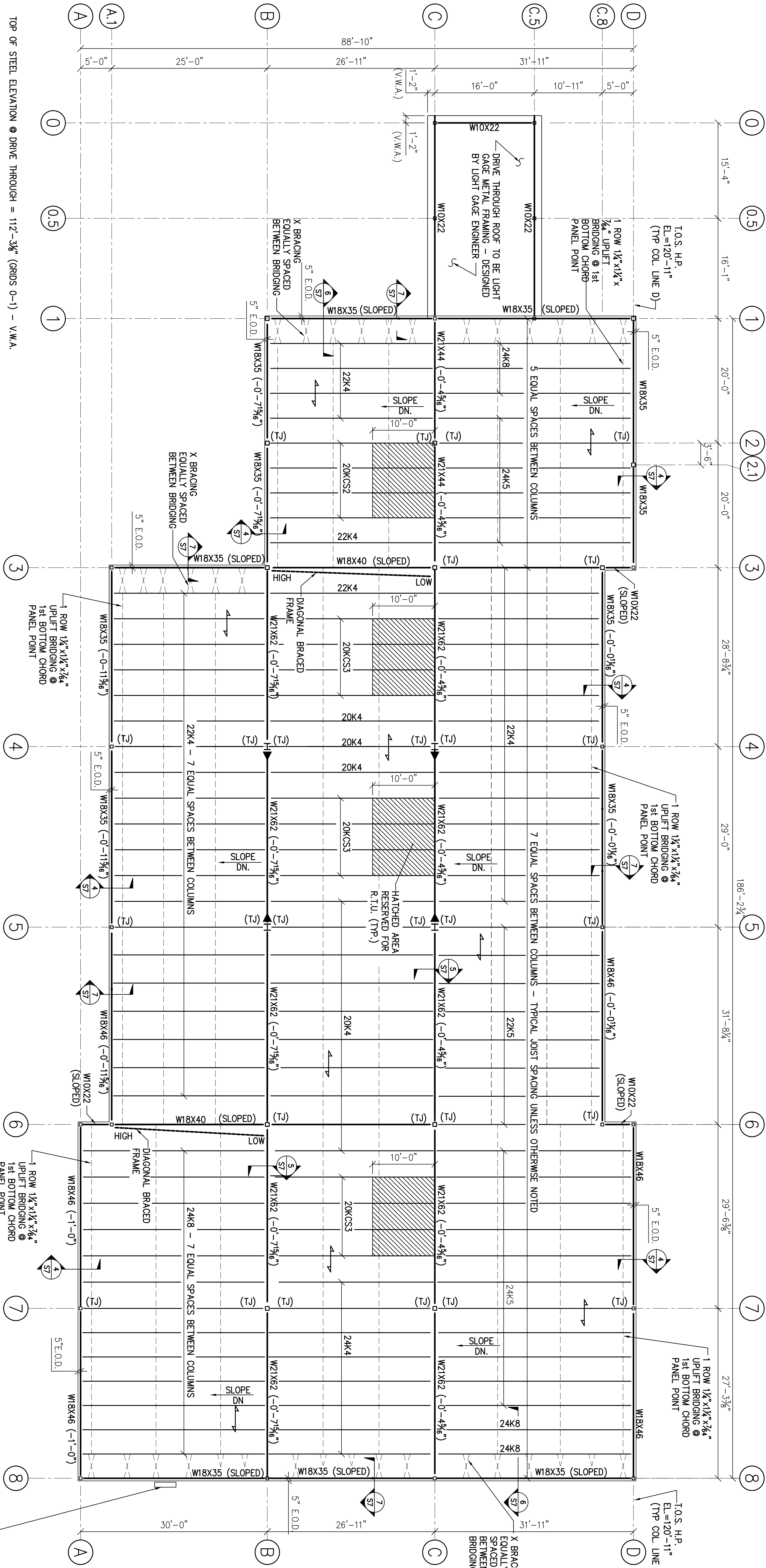

PREPARED FOR:
CONSTRUCTION MANAGERS
AND DEVELOPERS, LLC
154 BROADWAY
SOMERVILLE, MA 02145

MCBRIE, LLC PROJECT #8-069

DRWN BY:	LMB & EJL
CHK'D BY:	MLP
DATE:	06/06/08



ROOF FRAMING PLAN



TOP OF STEEL ELEVATION @ DRIVE THROUGH = 112'-3 3/8" (GRIDS 0-1) - V.W.A. (3)

TOP OF STEEL (BEAMS) ELEVATION @ ROOF (GRID D) = 120'-11" (4)

TOP OF ROOF DECKING ELEVATION @ TOP OF STEEL FOR MAIN ROOF = 121'-3"

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS INDICATED IN THE FIELD BEFORE COMMENCEMENT OF WORK OR FABRICATION OF MATERIALS. (VERIFY IN FIELD & OBTAIN STRUCTURAL ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.)

► INDICATES END MOMENT CONNECTION (SEE TYPICAL DETAIL)

DIMENSIONS SHOWN ($\pm\frac{1}{8}''$ - $\frac{1}{4}''$) INDICATE DISTANCE ABOVE OR BELOW TOP OF STEEL ELEVATION

INDICATES SPAN DIRECTION OF 22G-1½" TYPE B PAINTED ROOF DECK. FIELD WELD DECK WITH A 36/3 WELD PATTERN. (ALL WELDS TO BE ¾" Ø PUDDLE WELDS). SIDE LAPS SHALL BE FASTENED AT A MINIMUM OF 3 FASTENERS PER SPAN.

ALL STRUCTURAL STEEL WITHIN BUILDING ENVELOPE TO RECEIVE ONE SHOP COAT OF STANDARD GRAY PRIMER U.N.O. ALL STRUCTURAL STEEL OUTSIDE THE BUILDING ENVELOPE SHALL BE HOT DIPPEL GALVANIZED. TOUCH UP ALL BARE AREAS AFTER ERECTION.

--- INDICATES HORIZONTAL BRIDGING PER SJI REQUIREMENTS

LIGHT GAGE METAL STUD ROOFS TO BE DESIGNED FOR A SNOW LOAD = 45PSF PLUS 50PSF DRIFT TAPERING FROM LINE 1 TO 0 PSF @ LINE 0.5 AND A DEAD LOAD = 15PSF

EMERGENCY SCUPPERS OR ROOF DRAINS MUST BE INSTALLED AT ROOF LEVEL - ROOF FRAMING (THIS SHEET) NOT DESIGNED FOR WEIGHT OF WATER IF MAIN SCUPPERS ARE CLOGGED

STEEL ROOF JOISTS TO BE DESIGNED FOR 21.5 PSF UPLIFT FOR THE FIRST 16'-0" FROM THE EXTERIOR WALL IN EVERY DIRECTION AND 15.0 PSF FOR THE MIDDLE OF THE BUILDING.

DESIGN ABOVE ASSUMES A UNIFORM LIVE LOAD IN AREAS INDICATED FOR THE ROOFTOP EQUIPMENT ANY CHANGES TO THIS LAYOUT SHALL BE APPROVED BY THE SER WHO'S SEAL IS ON THESE DRAWINGS

FOR BRACED FRAME ELEVATIONS SEE SHEET S7

ROOF FRAMING PLAN

SCALE: 1/8 = 1-0

ISSUED FOR CONSTRUCTION
09/22/10