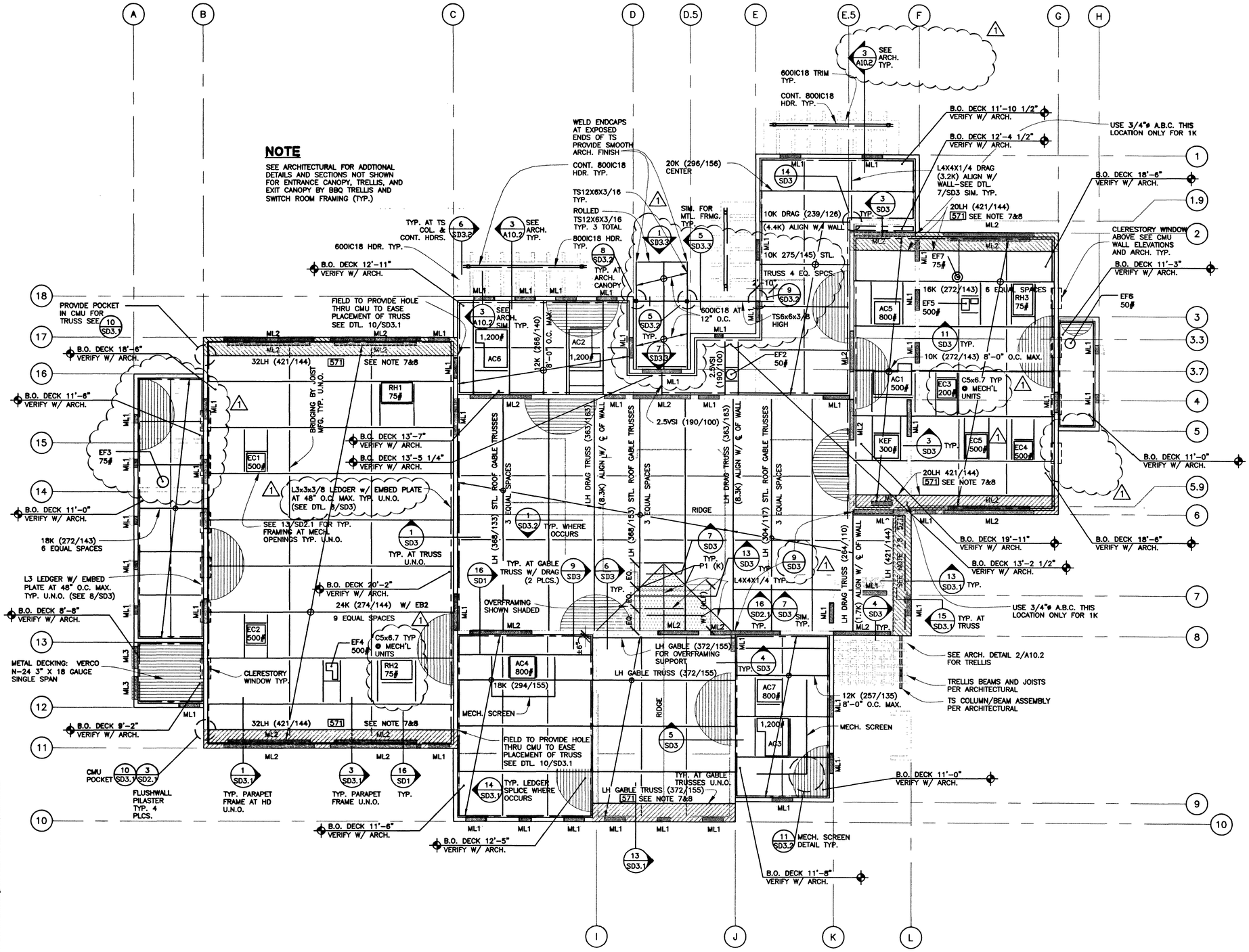
NOTE

SEE ARCHITECTURAL FOR ADDTIONAL DETAILS AND SECTIONS NOT SHOWN FOR ENTRANCE CANOPY, TRELLIS, AND EXIT CANOPY BY BBQ TRELLIS AND SWITCH ROOM FRAMING (TYP.)



LINTEL SCHEDULE

MARK	DEPTH	WIDTH	HORIZ. STEEL TOP AND BOTT.	VERT. STEEL	DETAIL
ML1	FULL HT. (36" MIN.)	8"	2-#5 3" FROM BOTTOM- EXTEND 24" PAST JAMB MIN.	USE TYPICAL VERT. WALL STEEL (MIN.)	12/SD2
ML2	FULL HT. (36" MIN.)	8"	2-#5 3" FROM BOTTOM- EXTEND 24" PAST JAMB MIN.	#5 AT 16" O.C. (MIN.)	12/SD2
ML3	FULL HT. (16" MIN.)	8"	2-#5 3" FROM BOTTOM- EXTEND 24" PAST JAMB MIN.	USE TYPICAL VERT. WALL STEEL (MIN.)	12/SD2

NOTES:

1. ALL LINTELS SHOWN SHADED.
2. SEE CMU WALL ELEVATIONS FOR CLERESTORY LINTELS ALONG GRID LINE B AND G.

ROOF FRAMING NOTES

1. METAL DECKING: VERCO HSB-36 1 1/2" X 20 GAUGE 2 SPAN MINIMUM UNLESS NOTED OTHERWISE ON PLANS.
2. IN ADDITION TO THE LOADS SHOWN BY THE TRUSS DESIGN LEGEND & CALLED OUT ON THE PLAN, ALL TRUSSES TO BE DESIGNED FOR A MIN. 2.3K DRAG OR COMPRESSIVE FORCE AND A 500 LBS. POINT LOAD LOCATED AT ANY POSITION ALONG BOTTOM CHORD (FOR LIGHTING). ALL TRUSSES TO BE MANUFACTURED WITH A SLOPED SEAT AS REQUIRED BY A NEVADA APPROVED FABRICATOR U.N.O. SPECIAL ATTENTION TO THE CHORDS UNDER FULL LOADS TO PREVENT LATERAL MOVEMENT.
3. PROVIDE ALL TRUSS BLOCKING, BRIDGING AND BRACING PER ALL APPLICABLE CODES AND/OR TRUSS MFR. SPECIFICATIONS - U.N.O.
4. PROVIDE LT. GAUGE STL. CEILING JOISTS PER CODE AT ALL AREAS WHERE REQUIRED. SEE ARCH.
5. SEE 12/SD2.1 FOR TYPICAL METAL ROOF DECK WELDING.
6. SEE 13/SD2.1 FOR TYPICAL OPENINGS IN METAL ROOF DECK.
7. BRACE BOTTOM CHORD OF TRUSS FOR UPLIFT FOR THE CONSERVATIVE DOWNWARD VALUE OF D+W AT PARAPETS FULL HEIGHT (36" MIN.).
8. TRUSS DESIGN BASED UPON WORST CASE OF D+L OR D+W.
9. SEE ELEVATIONS FOR EMBEDED PLATES.
10. PROVIDE EB1 FOR ALL TRUSSES U.N.O.
12. FIELD TO PLACE EXTRA WEB AT ALL CONCENTRATED HVAC LOADS OVER 150# NOT OCCURING AT TRUSS PANEL POINTS PER MANUFACTURER OR MANUFACTURER TO PROVIDE ALL NECESSARY REINFORCEMENT BY COORDINATING WITH MECHANICAL DRAWINGS. FIELD TO VERIFY LOCATION AND LOADS WITH MECHANICAL DRAWINGS AND NOTIFY STRUCTURAL ENGINEER OF RECORD OF ANY CHANGES PRIOR TO PLACING MECHANICAL UNIT.
13. BRACE DRAG TRUSS BOTTOM AND TOP CHORDS FOR BOTH COMPRESSION AND TENSION FORCES NOTED.
14. TRUSS MANUFACTURER TO CUSTOMIZE LH SERIES PER STRUCTURAL AND ARCHITECTURAL REQUIREMENTS. TRUSS MANUFACTURER TO PROVIDE ADDITIONAL SUPPORT AS REQUIRED FOR ROOF OVERFRAMING UNIFORM LOAD OF .4KLF (W1) ALONG SUPPORT TRUSS AND A POINT LOAD AT .5K AT OVERFRAMING EDGE CONNECTIONS (P1). WHERE MECHANICAL DUCT WORK PENETRATES CMU WALLS SEE 9/SD2.
15. ALL TRUSSES TO HAVE MINIMUM BEARING PER MANUFACTURER.

TRUSS DESIGN LEGEND SEE NOTE 2

16K (120/228) OR 571

- 16K — UNIFORM LIVE LOAD (PLF)
- 120 — UNIFORM TOTAL LOAD (PLF)
- 228 — SERIES OF STEEL TRUSS
- 571 — OVERALL DEPTH OF TRUSS / UNIFORM WIND LOAD (PLF)

NOTE: DRAG FORCES ARE TOP CHORD TRANSFERED AND SHALL BE THE GREATEST FORCE SHOWN FOR THE TRUSS AS SHOWN ON THE PLAN WITH A MIN FOR ALL TRUSSES AS SPECIFIED IN NOTE 2.

PLAN SYMBOLS

- 1/SD3 — INDICATES TYPICAL SECTION CUT
- INDICATES CLERESTORY WINDOW ABOVE (REFER TO CMU WALL ELEVATIONS FOR LINTEL TYPE.)
- AC7 800# — INDICATES LOCATION AND WEIGHT OF MECHANICAL UNIT.
- INDICATES LOCATION OF METAL PARAPET.

NOTE

SEE S2.0 FOR BOND BEAM AND JAMB STEEL.

1 ROOF FRAMING PLAN

1/8" = 1'-0"

57280

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CITY OF LAS VEGAS NEVADA

REVISIONS

1 9-6-01 BLDG DEPT RESUBMITTAL

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CITY OF LAS VEGAS, NEVADA
FIRE STATION #44
ROOF FRAMING PLAN

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DESIGN ENGINEERING CONSULTANTS

DRAWN	JJB
FILE	
DATE	7/15/03 6/6/03
SCALE	AS NOTED
PROJECT	638.97
SHT NO	58 OF 106

S3.0