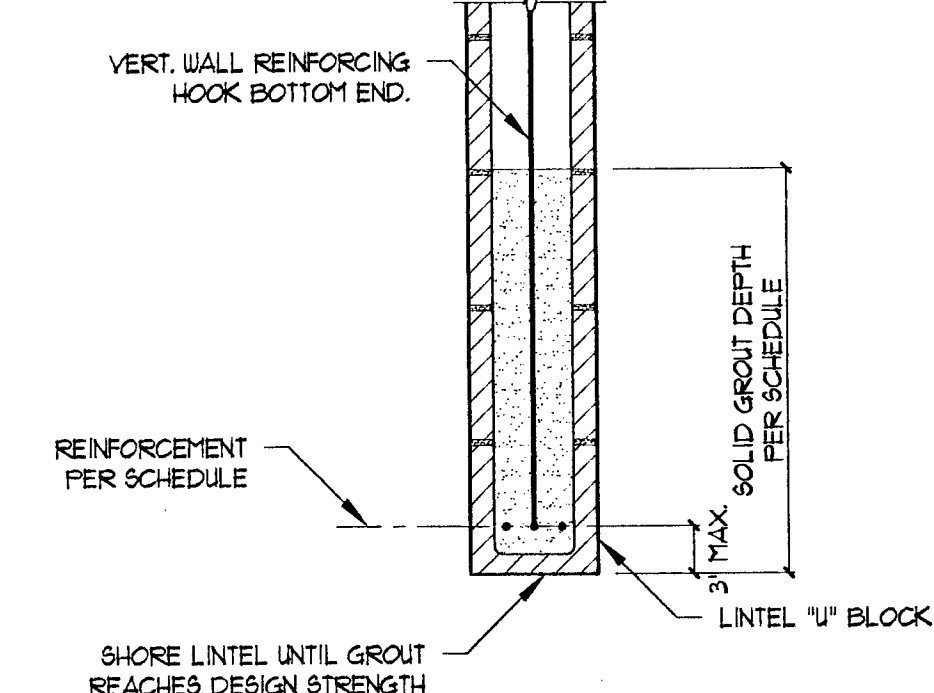


- ① L 4 x 4 x 1/4 COPE VERT. LEG 4 WELD TO TOP CHORD OF TRUSS OR HORIZONTAL LEG OF ADJOINING ANGLE.
- ② MECHANICAL UNIT. VERIFY WEIGHT AND LOCATION w/ MECHANICAL DRAWINGS.
- ③ SHADING THIS AREA INDICATES LOCATION OF THICKENED EXTENDED PARAPET FRAMING.
- ④ SHADING THIS AREA INDICATES LOCATION OF OVER FRAMING FOR SLOPED ROOF CLOSURE.
- ⑤ BRIDGING PER JOIST MFR.
- ⑥ 1 1/2" x 20 GA. STEEL "B" DECK ATTACH PER G.S.N. TYP.
- ⑦ STEEL PURLIN TO BE DESIGNED FOR AN ADDITIONAL SUPERIMPOSED DEAD LOAD OF 15 PSF (MIN) FROM PARAPET WALL SHOWN AS SHADED AREA ON PLAN. LOAD SHOULD BE APPLIED AS A POINT LOAD REACTION FROM FRAMING MEMBER KEYNOTED AS ⑦.
- ⑧ T8x4x3/16
- ⑨ TUBE COLUMN AT PARAPET FRAMING PER DETAIL 212.
- ⑩ TERMINATE TOP OF INSIDE WYTHE JUST BELOW LEDGER AT ROOF LINE.
- ⑪ T810x6x3/16
- ⑫ STEP TOP OF WALL AT THIS LOCATION.
- ⑬ T812x6x3/16 FASCIA BEAM (RADIUS). ATTACH BEAM AT MASONRY WALL PER DETAIL 211.
- ⑭ T812x6x3/16 FASCIA BEAM. WELD ENDS TO RADIUS BEAM PER DETAIL 210.
- ⑮ T86x2x3/16 RADIUS. ATTACH TO FASCIA BEAM EACH END PER DETAIL 210. ALIGN TOP OF BEAM FLUSH WITH TOP OF SUPPORT BEAM. SEE 5/A102.
- ⑯ ALIGN (2) 6 x 18 GAGE METAL TRIM STUDS (MIN) BELOW FASCIA BEAM FOR BEARING SUPPORT.
- ⑰ SPACE EMBED PLATES PER DETAIL 202 AT 24" o.c. SLOPING PARAPET WALL.
- ⑱ HATCH PATTERN INDICATES LOCATION OF OVER FRAMING FOR FLAT ROOF CLOSURE OVER SLOPING ROOF. SEE DETAIL 223 FOR OVERBUILD FRAMING. SEE 3/A2.
- ⑲ INDICATES APPROXIMATE LOCATION OF MECH. UNIT. VERIFY WEIGHT AND EXACT LOCATION WITH MECH. DRAWINGS.
- ⑳ HOLD TOP OF MASONRY WALL BELOW BOTTOM CHORD OF STEEL PURLINS.

#### MASONRY LINTEL (ML) SCHEDULE

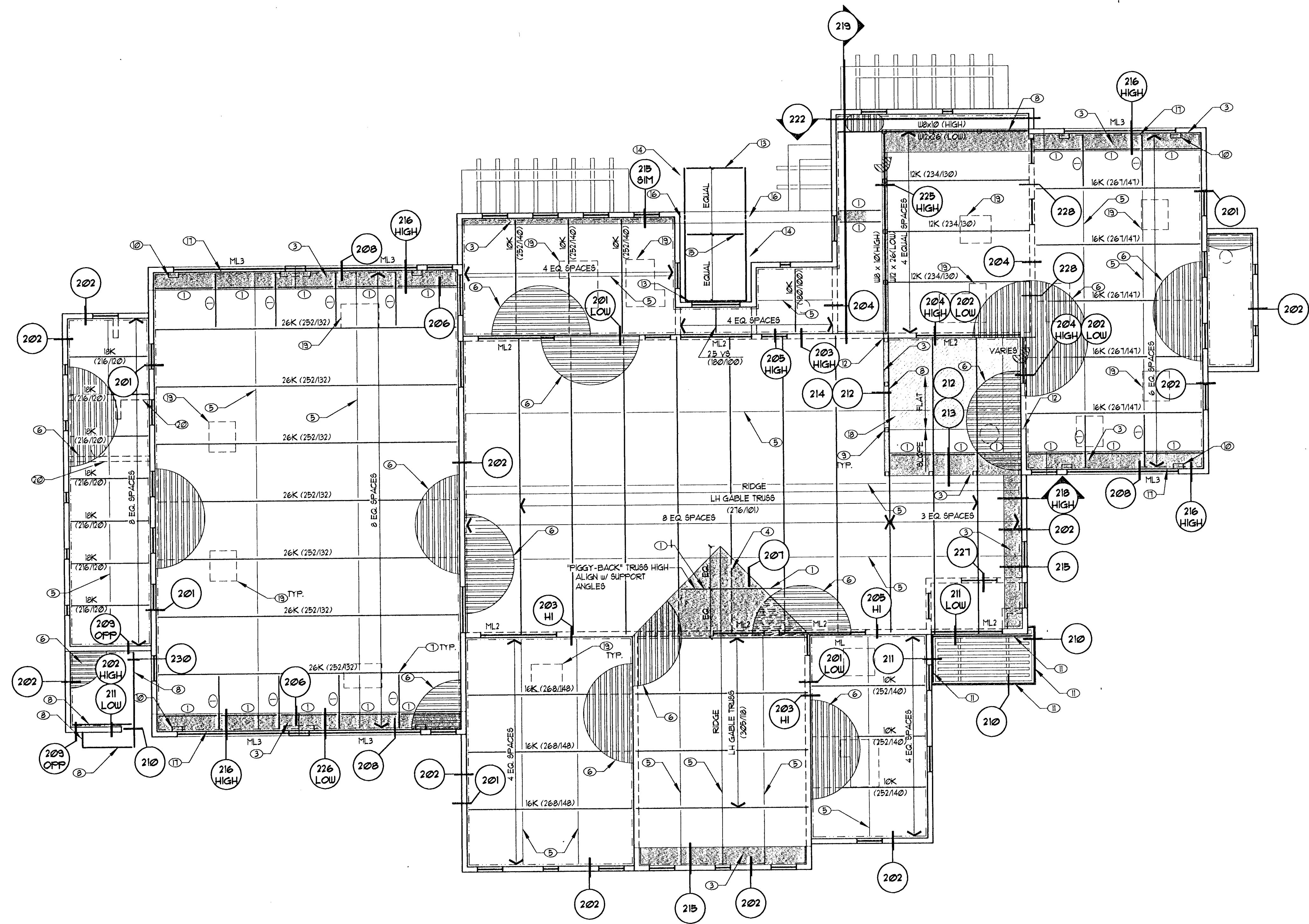


1. EXTEND GROUT, OPEN END MASONRY UNITS AND REINFORCING 2'-0" MIN. PAST EACH EDGE OF OPENING WHERE POSSIBLE. AT WALL CORNERS OR OTHER INTERFERENCE, EXTEND REINFORCEMENT AS FAR AS POSSIBLE INTO ADJACENT MASONRY AND HOOK ENDS WITH STANDARD 90 DEGREE HOOK.
2. ENDS OF LINTEL TO BE BUILT INTO ADJACENT WALL OR PILASTER WITH RUNNING BOND JOINT.
3. ALL LINTELS NOT SPECIFICALLY NOTED ON PLAN SHALL BE "ML1".

| MARK | GROUT DEPTH         | REINFORCING      | VERTICAL REINFORCING | REMARKS        |
|------|---------------------|------------------|----------------------|----------------|
| ML1  | 24"                 | (2) #5 AT BOTTOM | -                    |                |
| ML2  | 48"                 | (2) #5 AT BOTTOM | #5 AT 16" o.c.       |                |
| ML3  | FULL HEIGHT OF WALL | (4) #5 AT BOTTOM | -                    | SEE DETAIL 216 |

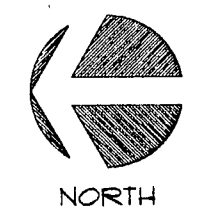
#### FRAMING PLAN NOTES

- A. VERIFY ALL ELEVATIONS SHOWN WITH LATEST ARCH'L. MINIMUM ROOF SLOPE, 1/4" PER FOOT.
- B. VERIFY WT. AND LOCATION OF ALL MECH. UNITS WITH ARCH'L. AND MECH. PRIOR TO FABRICATION OF FRAMING MEMBERS.
- C. "D +." DENOTES DRAG LOAD (TENSION OR COMPRESSION) DUE TO WIND OR SEISMIC. MFR SHALL DESIGN FOR INDICATED LOAD IN APPROPRIATE LOAD COMBINATION.
- D. TYPICAL LEDGER AT MASONRY WALL SHALL BE L3x3x 1/4 x CONTINUOUS w/ EMBED PLATE PER DETAIL 202 AT 48" o.c. MAX. UNO.
- E. ML1, ML2, ML3, ... DENOTES MASONRY LINTEL PER SCHEDULE THIS SHEET.
- F. MECHANICAL DUCT PENETRATIONS UP TO 24" WIDE IN MASONRY WALLS SHALL BE REINFORCED PER "ML" OF MASONRY LINTEL SCHEDULE. SEE MECH'L DRAWINGS FOR LOCATIONS OF PENETRATIONS. NOTIFY THE STRUCTURAL ENGINEER THROUGH THE ARCHITECT OF ANY PENETRATIONS WHICH EXCEED 24" WIDE.
- G. SEE FOUNDATION PLAN FOR M.C.J.'S LOCATION OF MASONRY WALL VERTICAL CONTROL JOINTS.
- H. SUPERIMPOSED UNIFORM DESIGN LOADS TO STEEL PURLINS SHOWN ON PLAN ARE DESIGNATED AS XXX (TOTAL LOAD (PLF)/LIVE LOAD (PLF)). LOADS SHOWN DO NOT INCLUDE PROVISION FOR POINT LOADS FROM MECH. UNITS, SKYLIGHTS, ETC.



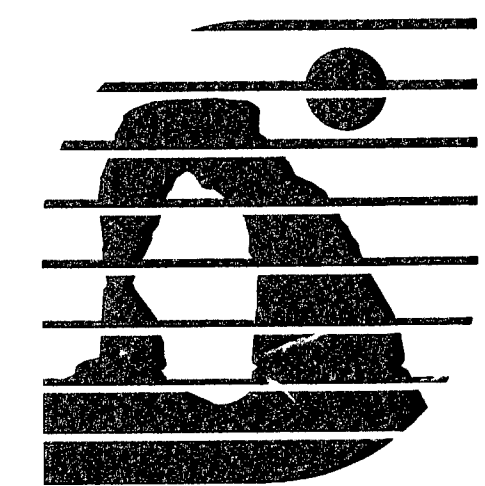
SCALE: 1/8" = 1'-0"

### ROOF FRAMING PLAN



**WRIGHT**  
STRUCTURAL ENGINEERS, INC

7310 Smoke Ranch Road, Suite P Las Vegas, NV 89128  
(702) 233-6400 Fax (702) 233-1164 email@WrightEngineers.com



| REVISIONS | DATE | BY | CHKD |
|-----------|------|----|------|
|           |      |    |      |
|           |      |    |      |
|           |      |    |      |
|           |      |    |      |

CONSULTANT

CITY OF LAS VEGAS, NEVADA  
FIRE STATION #41  
ROOF FRAMING PLAN

DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE  
LAS VEGAS, NEVADA 89101  
PHONE: (702) 233-6535  
FAX: (702) 382-3232  
TDD: (702) 386-9108

|         |                |
|---------|----------------|
| DRAWN   | TCA            |
| FILE    | R821C38163     |
| DATE    | AUGUST 4, 1993 |
| SCALE   | AS NOTED       |
| PROJECT | 38163          |
| SHT NO  |                |

S2.1