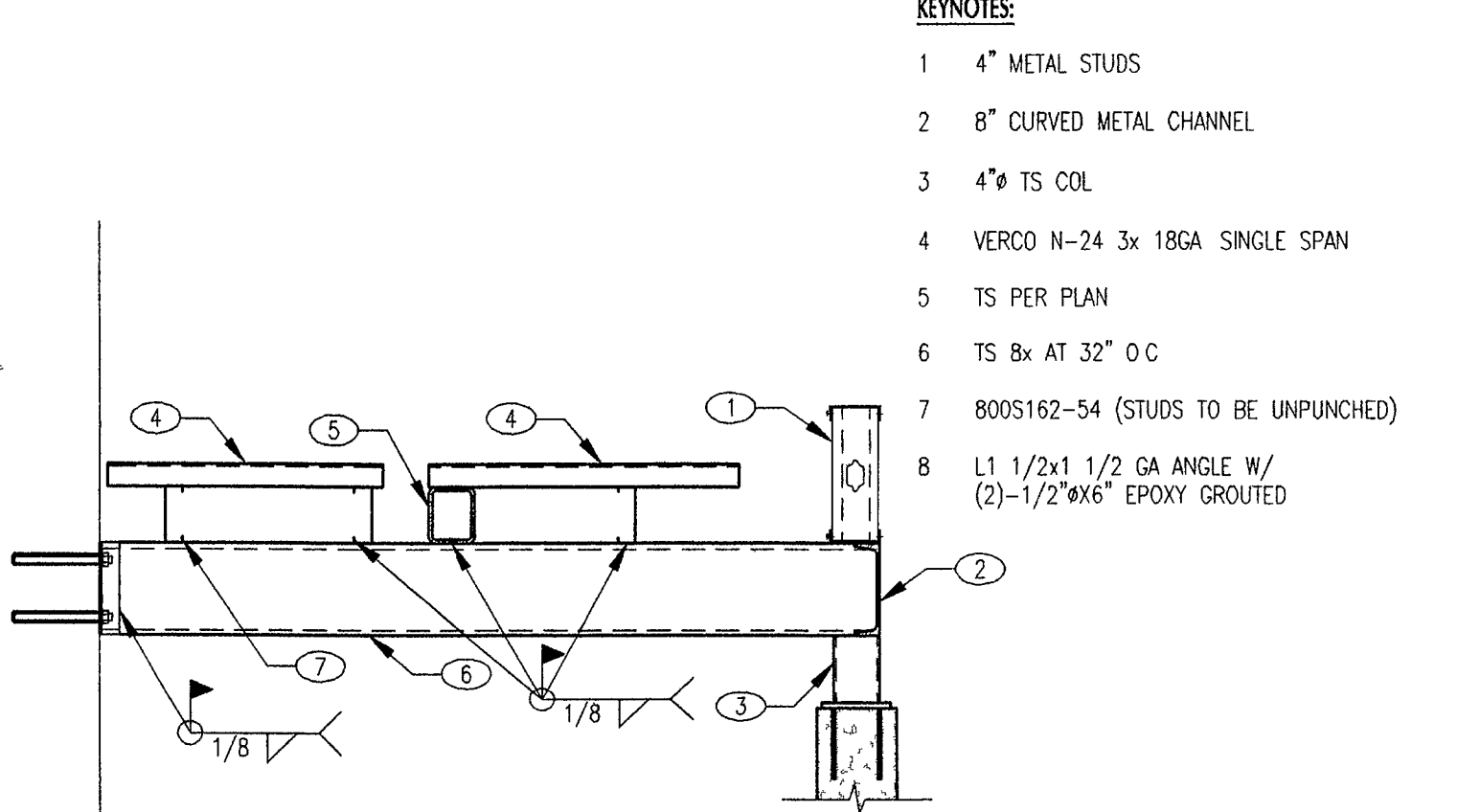
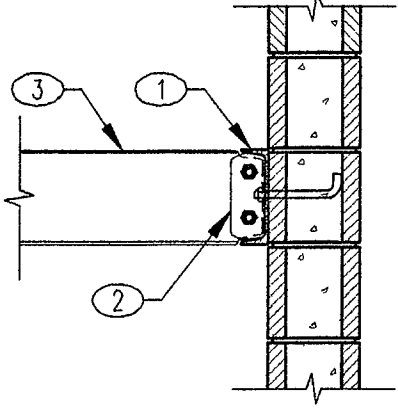


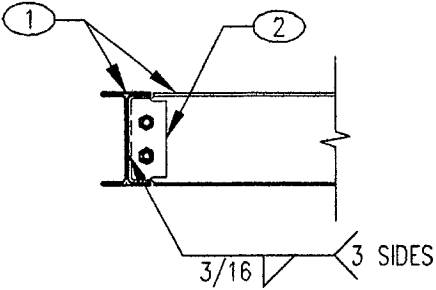


- KEYNOTES:**
- 4" METAL STUDS
 - 8" CURVED METAL CHANNEL
 - 4" TS COL
 - VERCO N-24 3x 18GA SINGLE SPAN
 - TS PER PLAN
 - TS 8x AT 32" O.C
 - 800S162-54 (STUDS TO BE UNPUNCHED)
 - L1 1/2x1 1/2 GA ANGLE W/ (2)-1/2"x6" EPOXY GROUTED

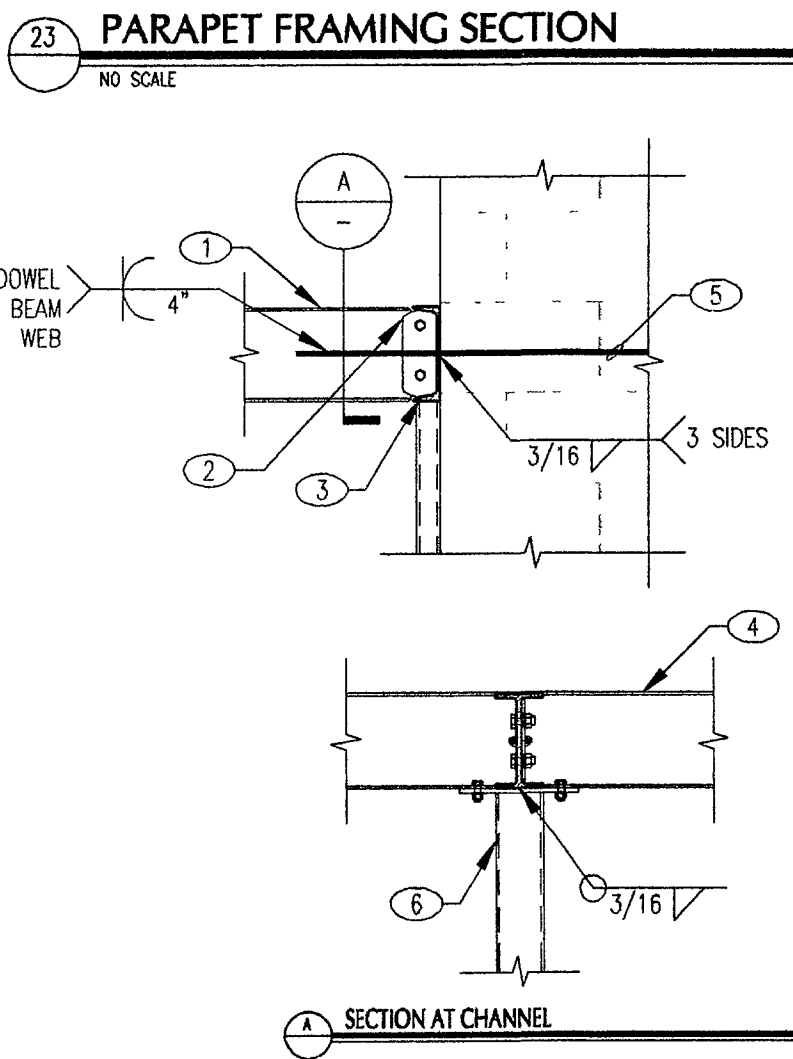
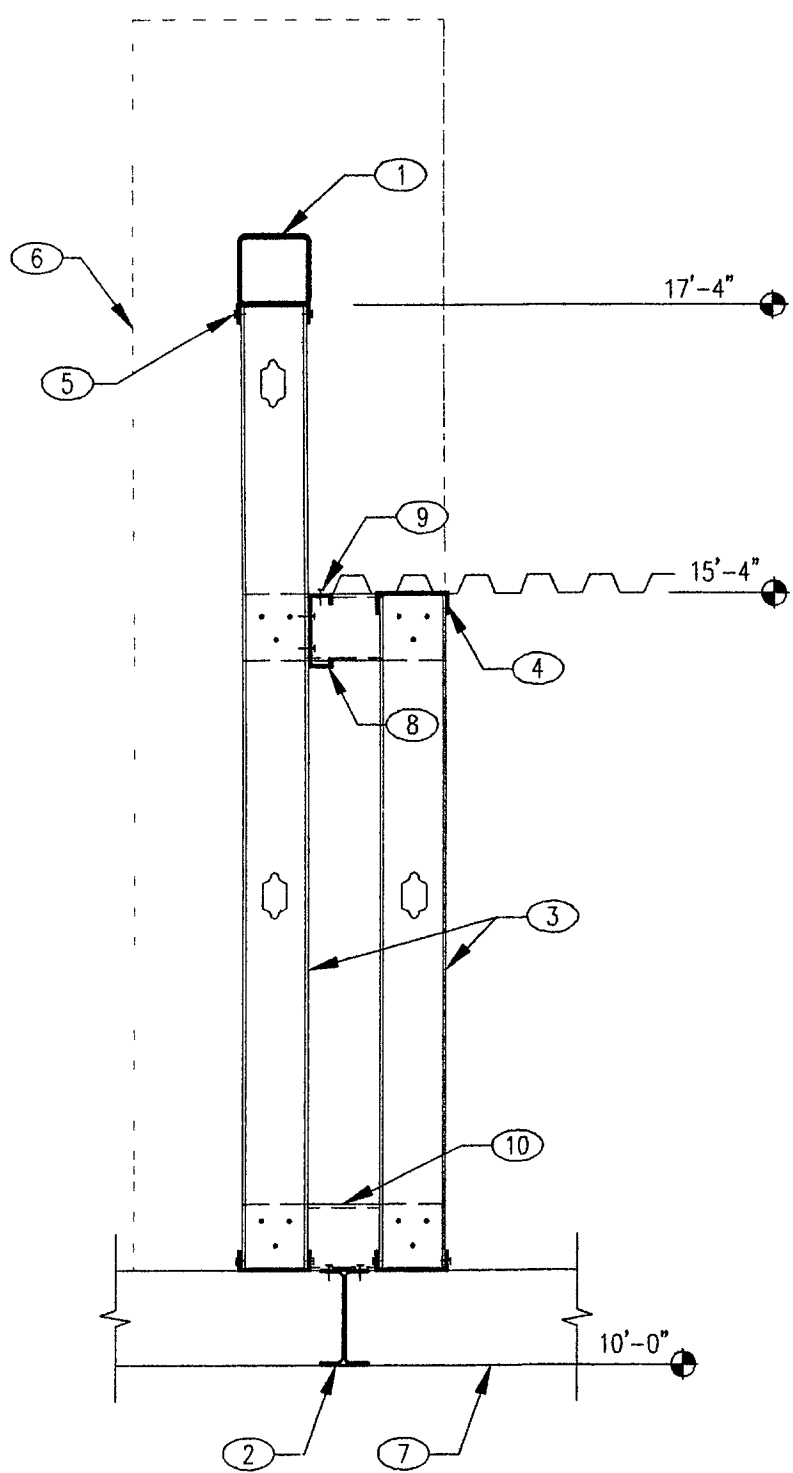
- KEYNOTES:**
- LEDGER W/ ANCHORS PER PLAN
 - 1/4" SHEAR TAB W/ (2) 3/4" THROUGH BOLTS
 - WF BEAM PER PLAN



- KEYNOTES:**
- STEEL BEAM PER CANOPY FRAMING PLAN
 - 3/8" TAB W/ (2) 3/4" THROUGH BOLTS



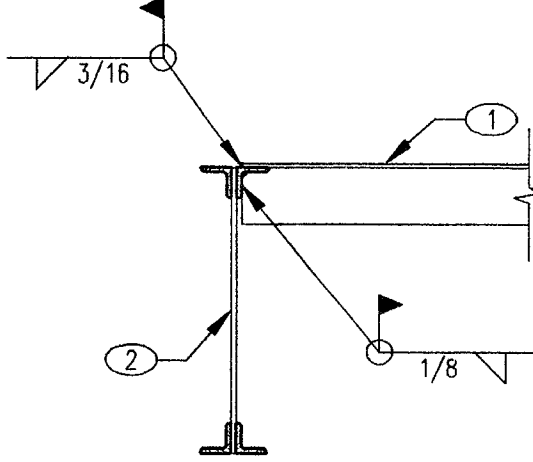
- KEYNOTES:**
- STEEL BEAM PER CANOPY FRAMING PLAN
 - 3/8" TAB W/ (2) 3/4" THROUGH BOLTS



- KEYNOTES:**
- STEEL BEAM PER CANOPY FRAMING PLAN
 - 3/8" SHEAR TAB W/ (2) 3/8" THROUGH BOLTS
 - 1/2" THICK CAP PLATE W/ (2) 3/4" THROUGH BOLTS
 - CB LEDGER CANTILEVERS PAST END OF WALL
 - (2) #5 x 6'-0" DOWEL: EMBED 5'-0" IN WALL. DRILL HOLE IN LEDGER TO ALLOW DOWEL TO PASS THROUGH. WELD TO BEAM AS SHOWN
 - HSS 6x2x1/4

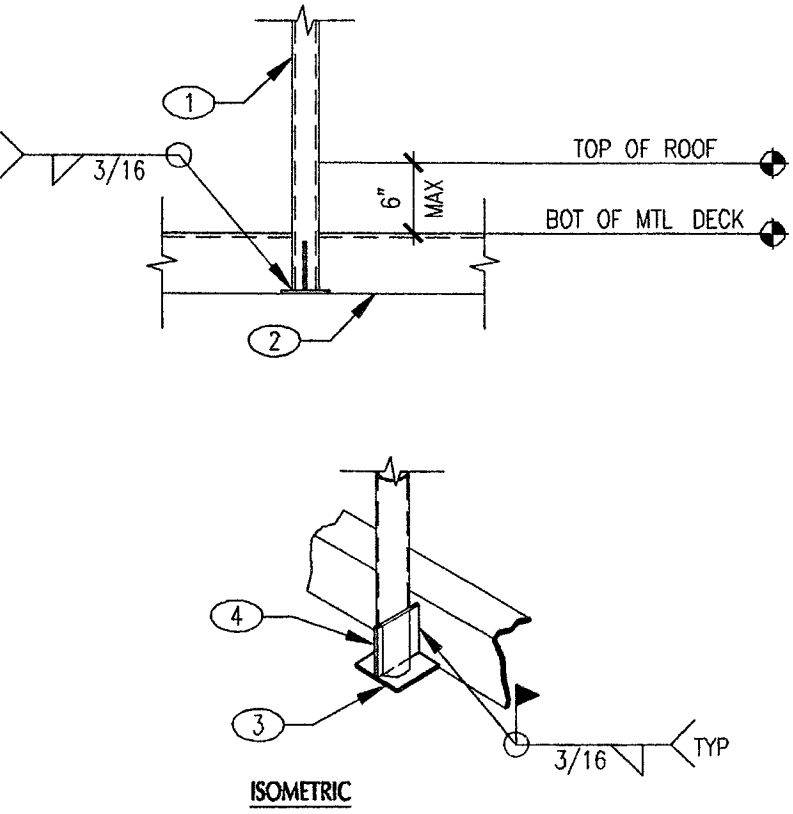
- KEYNOTES:**
- HSS PER PARTIAL ROOF OVERBUILD PLAN
 - STEEL BEAM PER CANOPY FRAMING PLAN
 - 600S 137-43 STEEL STUDS AT 16" O.C
 - TOP TRACK
 - TRACK AT TOP W/ (2) #10 SCREWS TO EA STUD AND 0.145" SHANK DIA SHOT PINS AT 16" O.C TO HSS
 - PARAPET BEYOND
 - CANOPY BELOW
 - 600S 137-43 LEDGER W/ (2) #10 SCREWS AT 16" O.C.
 - #10 SCREWS AT 12" O.C. DECK TO LEDGER
 - 600S 162-43 AT 16" O.C. W/ (3) #10 SCREWS EA END. PROVIDE (2) 0.145 DIA SHOT PINS TO STRUCTURAL STEEL MEMBER

19 STEEL ANGLE AT STEEL ANGLE
NO SCALE



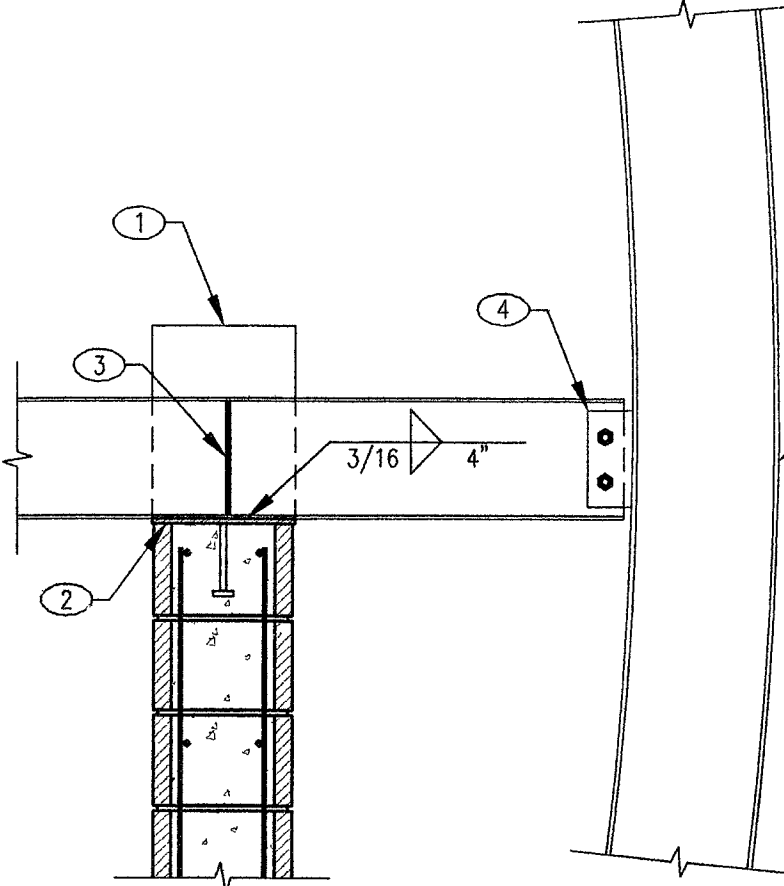
- KEYNOTES:**
- ANGLE PER PLAN
 - ROOF JOIST PER PLAN
- NOTES:**
- A. ROOF DECK NOT SHOWN FOR CLARITY

20 STEEL ANGLE AT STEEL JOIST
NO SCALE



- KEYNOTES:**
- PIPE COLUMN VERT AT 4'-0" MAX PER SCREEN PLAN
 - L5x3 1/2x1/4 LLV
 - 1/4" x 3 1/2" SQ PLATE
 - 1/4" x 3 1/2" SQ KNIFE PLATE

21 SCREEN WALL PIPE COLUMN ATTACHMENT
NO SCALE

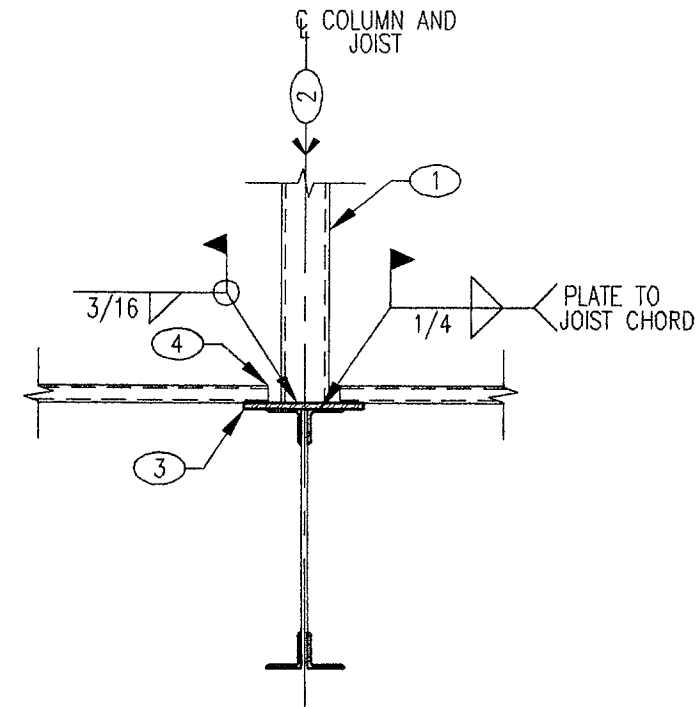


- KEYNOTES:**
- NOTCH CMU WALL TO ALLOW BEAM TO PASS THROUGH
 - 1/2" BRG PLATE W/ (2) 3/4" x 6" HEADED STUDS
 - 1/4" WEB STIFFENER EA SIDE
 - 3/8" SHEAR TAB W/ (2) 3/4" THROUGH BOLTS
 - RADIUSED W12x26

22 STEEL BEAM AT RADIUSED WF
NO SCALE

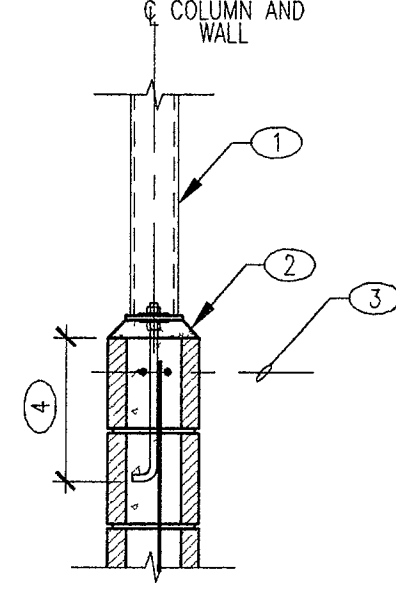
- KEYNOTES:**
- STEEL ANGLES PER SCREEN PLAN VIEW

16 STEEL COLUMN AT STEEL JOIST
NO SCALE

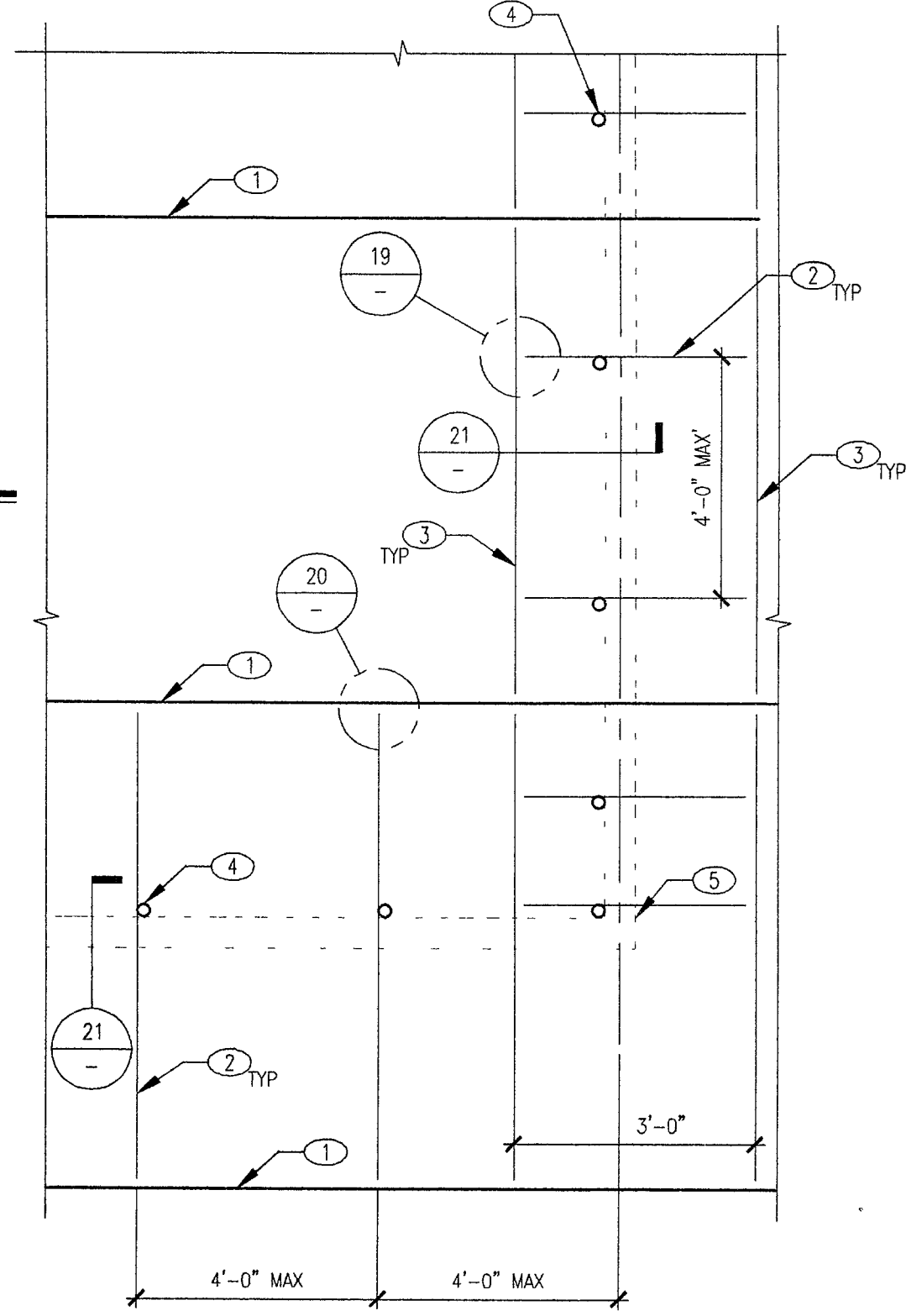


- KEYNOTES:**
- STEEL COLUMN W/ BASE PLATE AND ANCHOR BOLTS W/ LEVELING NUTS PER PLAN OR SCHEDULE
 - 1 1/2" ± NON-SHRINK GROUT BENEATH BASE PLATE PER GSN
 - TOP OF PARAPET REINFORCING PER GSN
 - EMBED ANCHOR BOLTS 12" MIN
- NOTES:**
- A. ADJOINING ELEMENTS AS OCCUR NOT SHOWN FOR CLARITY

17 STEEL COLUMN AT MASONRY WALL
NO SCALE



- KEYNOTES:**
- ROOF JOIST
 - L5 x 3 1/2 x 1/4 (LLV) ANGLE AT EA SCREEN POST
 - L5 x 3 1/2 x 1/4 (LLV) "LADDER BLOCKING"
 - 2 1/2" STANDARD PIPE COLUMN VERT AT 4'-0" O.C. MAX
 - MECHANICAL SCREEN PER ARCH'L DWGS



18 MECH SCREEN PLAN
NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		
4		
5		

CONSULTANT

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FAX: (702) 616-3725**

STRUCTURAL SOLUTIONS

ENGINEERING

**CITY OF LAS VEGAS, NV
FIRE STATION #8**

ROOF FRAMING DETAILS

**OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES**

**400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6335
FAX: (702) 382-3332
TDD: (702) 386-9108**

**DRAWN: JDB
FILE: LV03191
DATE: 4/3/04
SCALE: 3/4"=1'-0"
BID NO: -
CLV DWG NO: -
SHEET NO: S4.2**