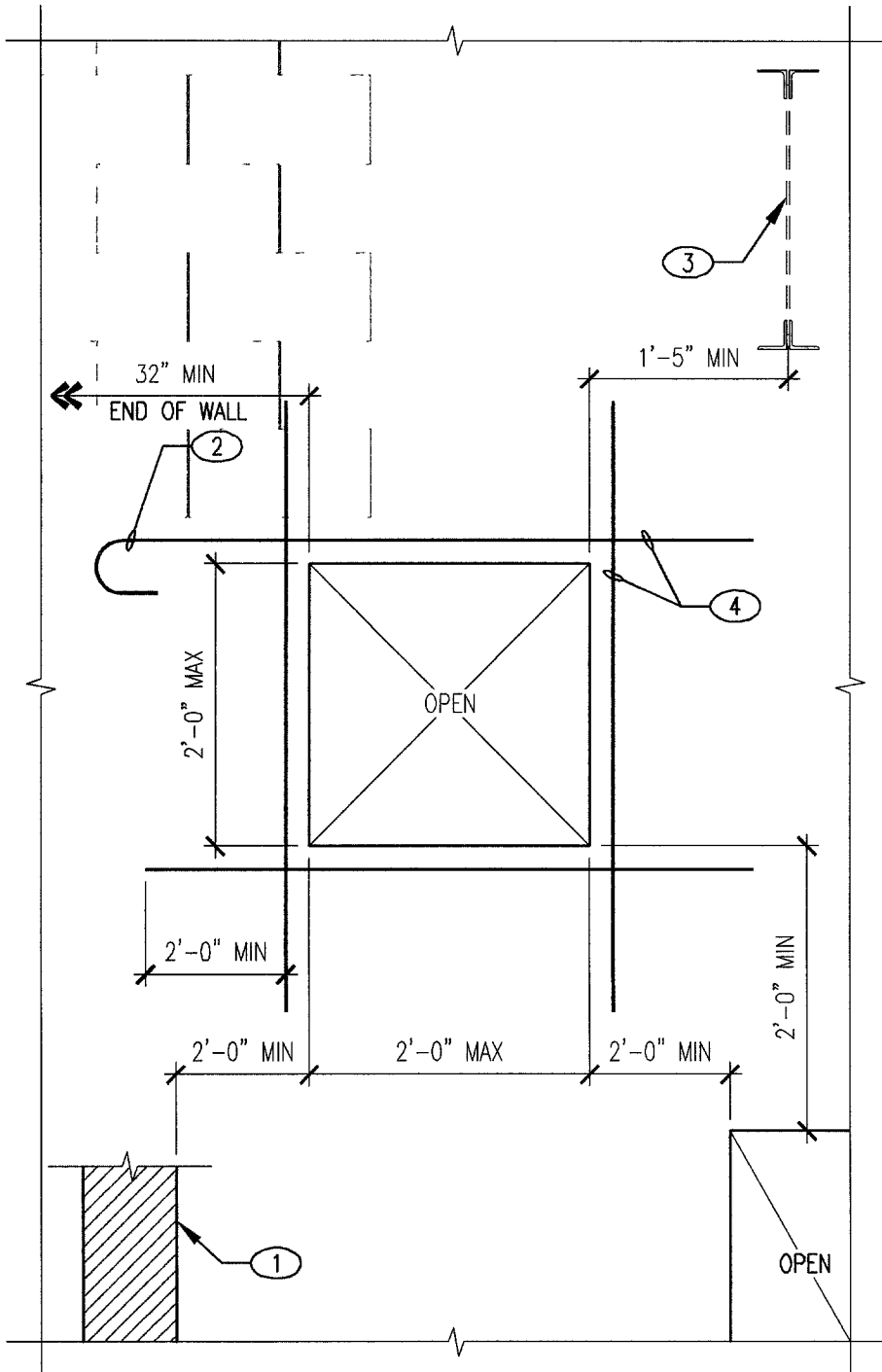


NOTES CONTINUED:

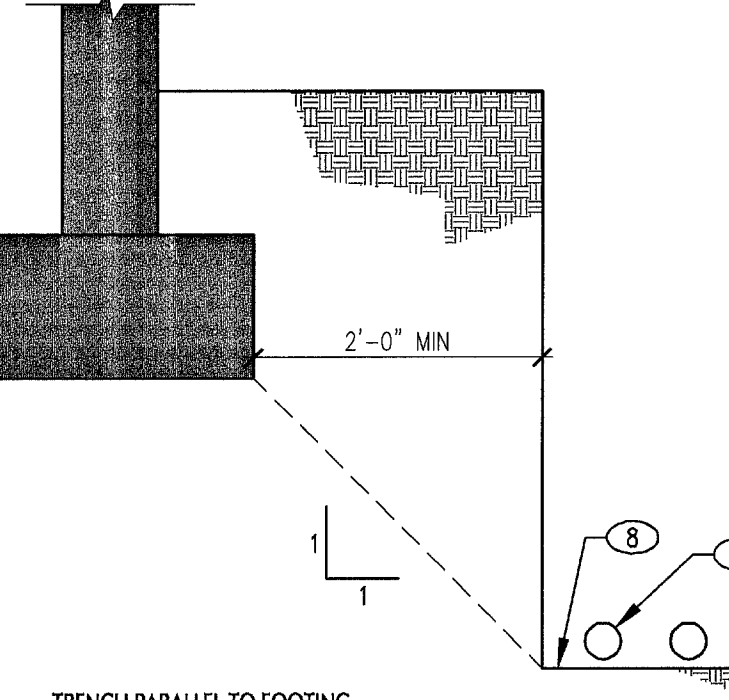
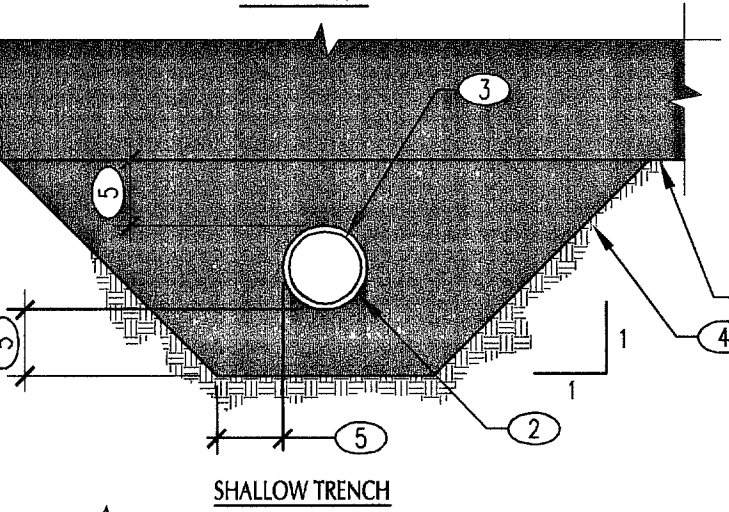
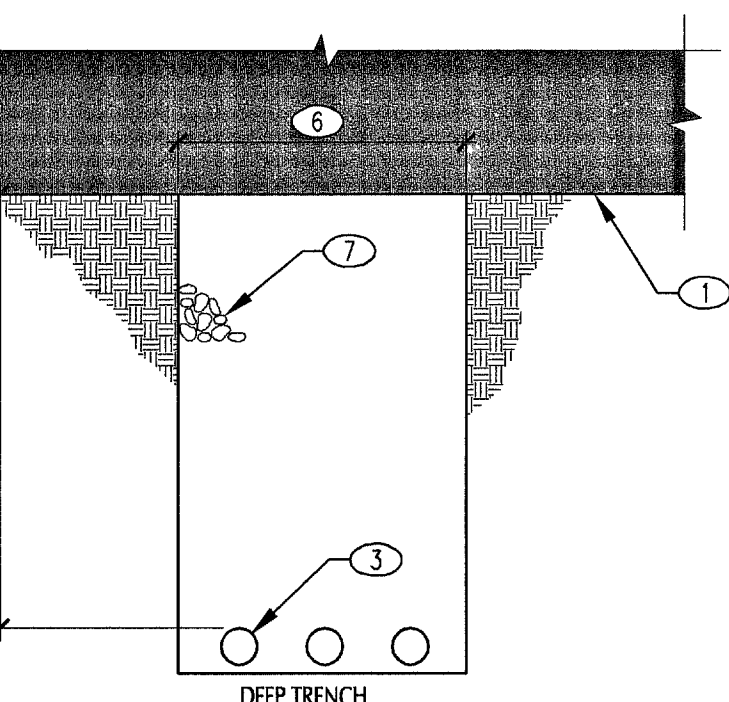
- C. REINFORCING AROUND OPENING IS IN ADDITION TO TYP WALL REINFORCING
- D. FIELD ADJUST LOCATION OF OPENING SO THAT VENT JAMB STEEL OF PROXIMATE OPENINGS SHALL CONTINUE TO TOP OF WALL
- E. OPENING SHALL NOT INTRUDE INTO FLUSH WALL PILASTER
- F. NO OPENINGS ALLOWED WITHIN UNTELS

KEYNOTES:

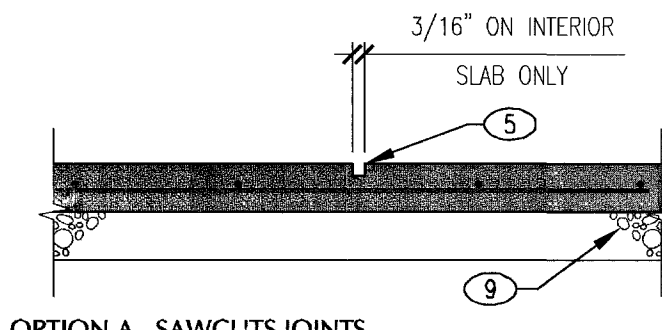
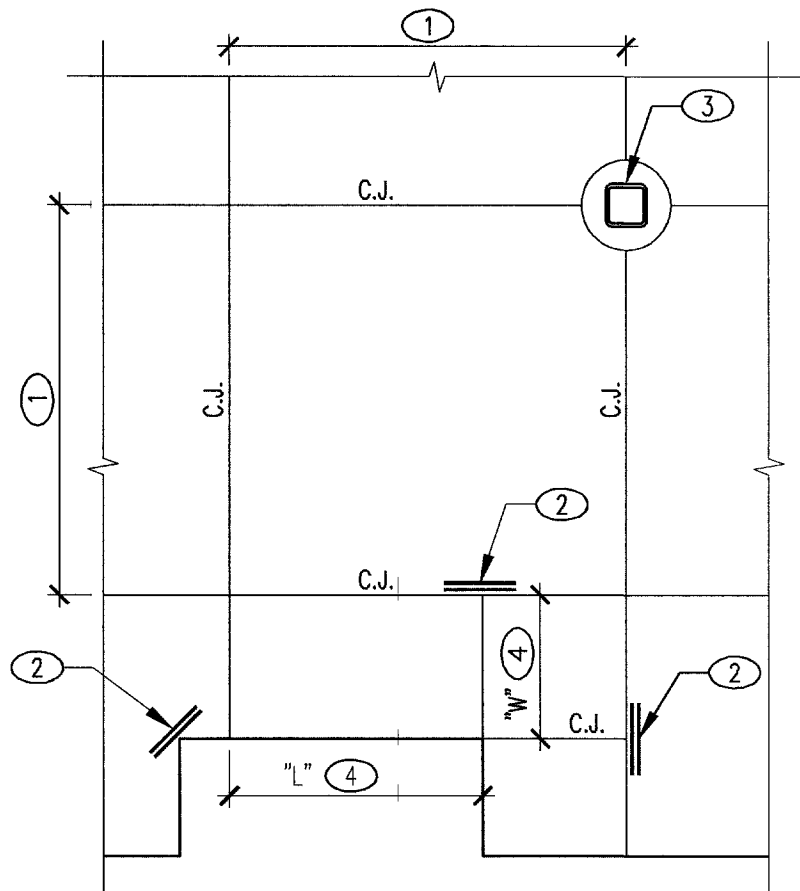
1. FLUSH WALL PILASTER AS OCCURS
2. WHERE 2'-0" EXTENSION CANNOT BE ATTAINED CONTINUE BAR AS FAR AS POSSIBLE AND PROVIDE STANDARD HOOK
3. FRAMING MEMBER AS OCCURS
4. (2) #5 TYP, UNO
- NOTES:
- A. NO REINFORCING STEEL REQUIRED FOR OPENINGS LESS THAN 6" SQUARE
- B. NO OPENINGS DIRECTLY BELOW JOISTS



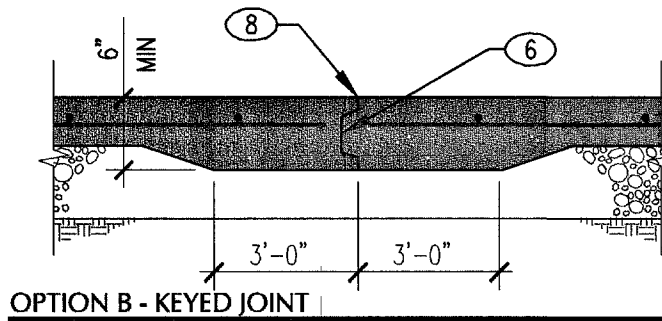
8 REINFORCING AT CMU OPENING FOR MECH/ELECTRICAL



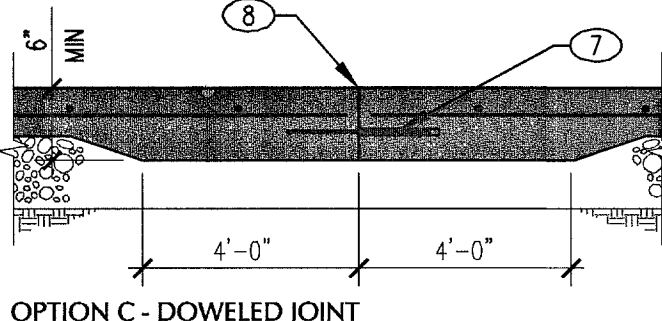
10 TYPICAL UTILITY TRENCH AT CONTINUOUS FOOTING



OPTION A - SAWCUTS JOINTS



OPTION B - KEYED JOINT



OPTION C - DOWELED JOINT

7 CONTROL JOINT IN CONCRETE SLAB ON GRADE

KEYNOTES:

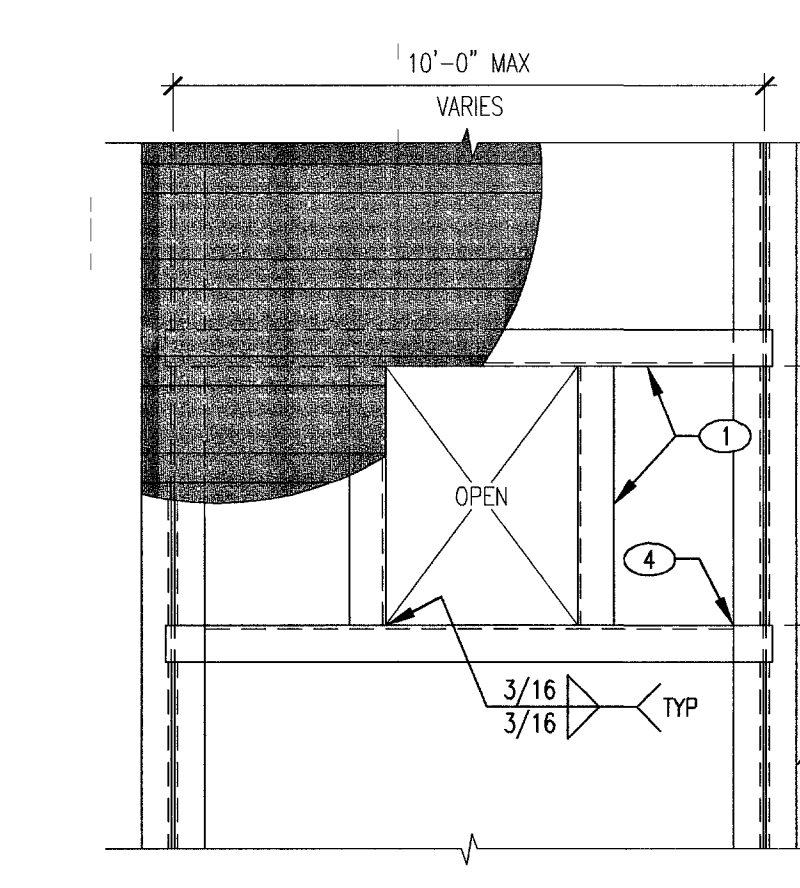
1. JOINT SPACING PER SCHEDULE
2. PROVIDE (2) #4x48 MID-HEIGHT SLAB BARS ADJACENT TO ALL DISCONTINUOUS JOINT LOCATIONS
3. ALIGN CONTROL JOINTS W/ COLUMN (WHERE OCCURS)
4. WHERE CONTROL JOINT SECTIONS ARE RECTANGULAR THE LENGTH "L" SHALL NOT EXCEED 15 TIMES THE WIDTH "W"
5. SAWCUT JOINT DEPTH EQUAL TO 1/4 SLAB THICKNESS
6. 2x4 CONTINUOUS TAPERED KEY
7. #1/2"x12" SMOOTH DOWEL AT 24" O.C. WRAP TO PREVENT BOND TO CONCRETE CENTER IN SLAB THICKNESS AT FOUR JOINT
8. POUR JOINT
9. COMPACTED SUBGRADE, SEE GEOTECHNICAL REPORT

NOTES:

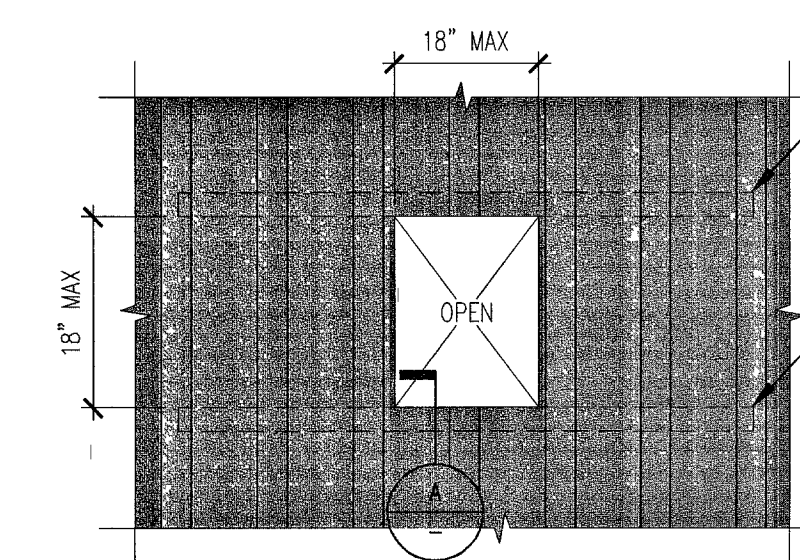
- A. C.J. DENOTES CONTROL JOINT
- B. USE DOWELED OR KEYED JOINT AT SLOPE TRANSITIONS IN RAMPS AT CONCRETE SLAB ON GRADE
- C. DOWEL JOINTS NEED ONLY OCCUR AT EXPOSED EDGES OF DISCONTINUOUS SLAB PLACEMENT UNO
- D. SAWCUTS SHALL BE MADE SOON ENOUGH TO PREVENT SHRINKAGE CRACKING, BUT NOT SO SOON AS TO CAUSE SPALLING
- E. ZIP STRIP OR TOOLED JOINT MAY BE USED IN LIEU OF SAW CUT

JOINT SPACING SCHEDULE	
SLAB THICKNESS	SPACING
4"	10'
5"	12.5'
6"	*14'
7"	17.5'
8"	18'

*JOINTS CUT IN A DIAGONAL PATTERN, COORDINATE W/ SHEET A1.3



1 TYP OPENING IN DECK

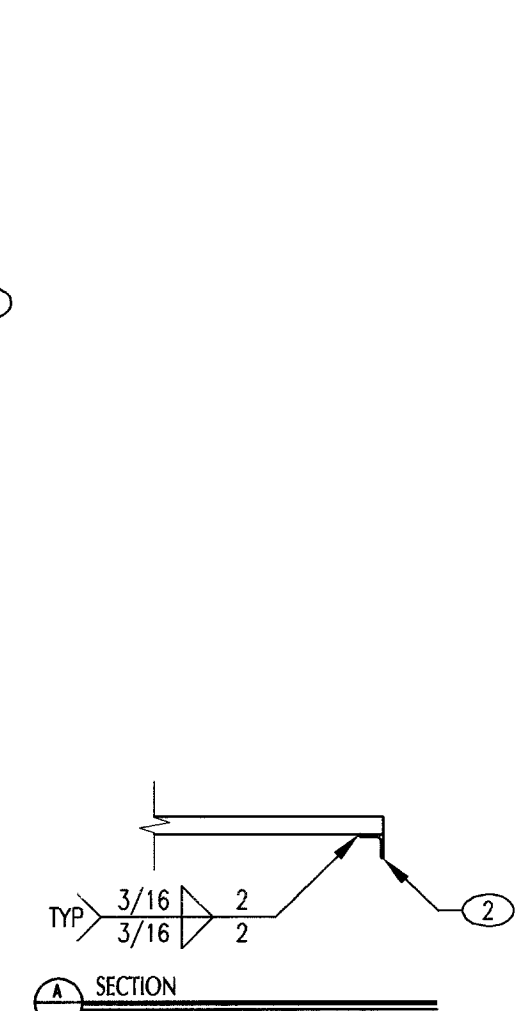


2 TYP SMALL OPENING IN DECK

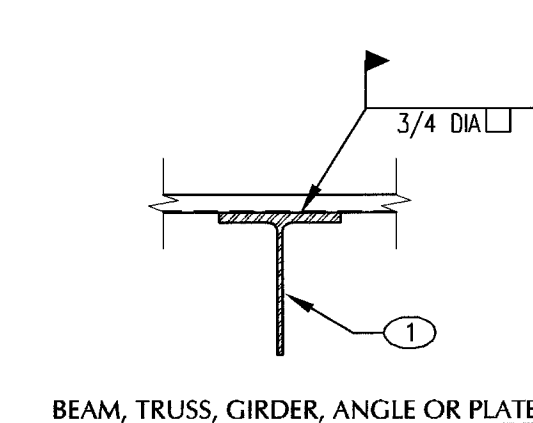
9 OPENINGS IN ROOF DECK

KEYNOTES:

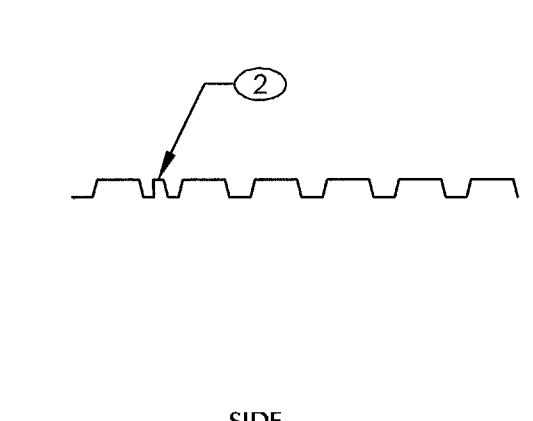
1. TRIM ANGLE PER SCHEDULE BELOW
2. L2x2x3/16 EXTEND 18" BEYOND OPENING EDGE
3. FRAMING MEMBER PER PLAN
4. COPE VERT LEG AT FRAMING MEMBER



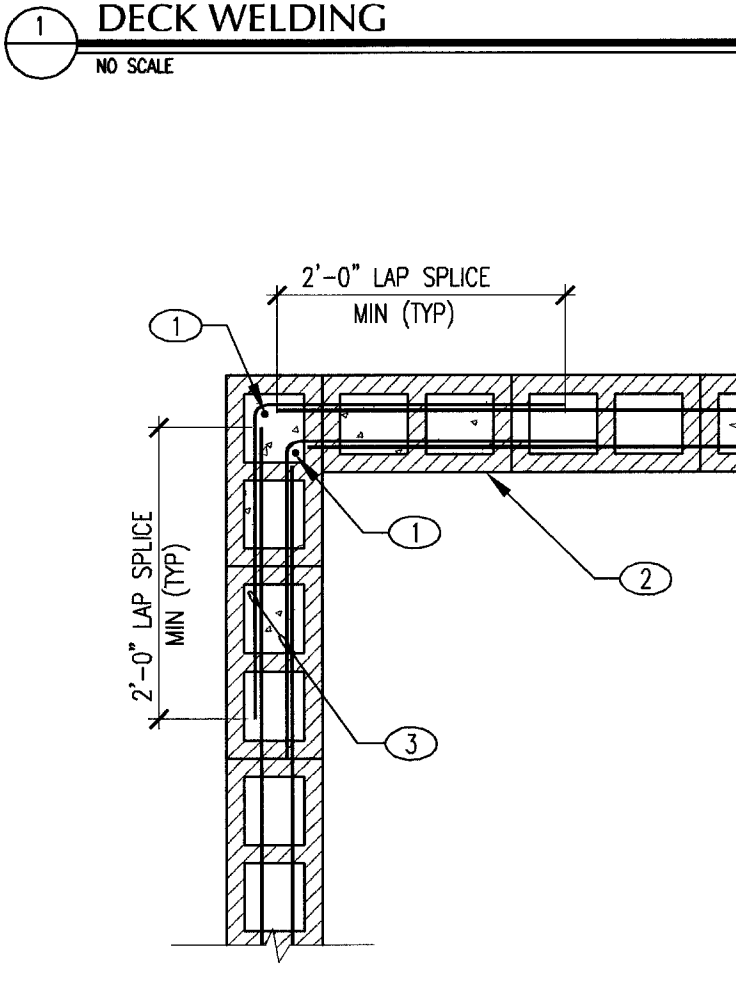
TRIM ANGLE SCHEDULE	
ANGLE LENGTH	ANGLE SIZE
0'-0" - 6'-0"	L3x3x1/4
6'-1" - 8'-0"	L4x3x1/4 LLV
8'-1" - 10'-0"	L5x3x1/4 LLV



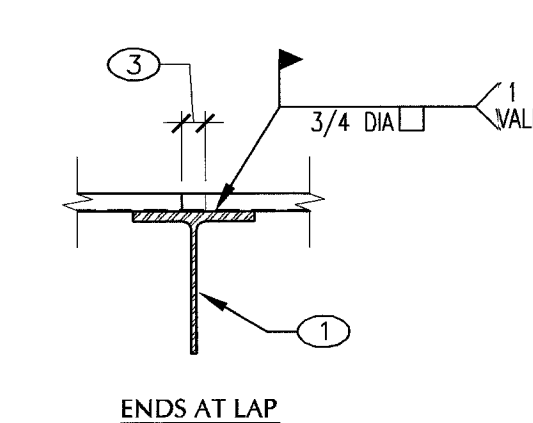
5 PLAN - TYPICAL MASONRY CORNER



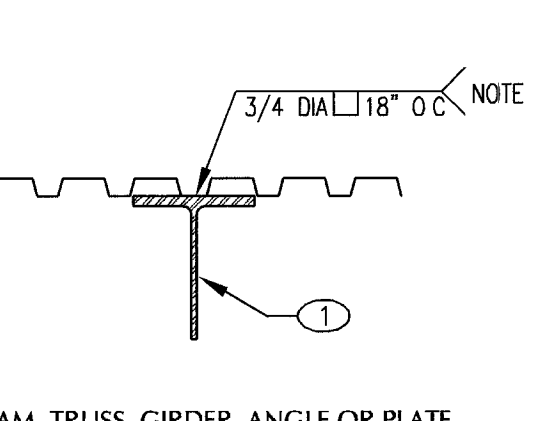
5 PLAN - TYPICAL MASONRY CORNER



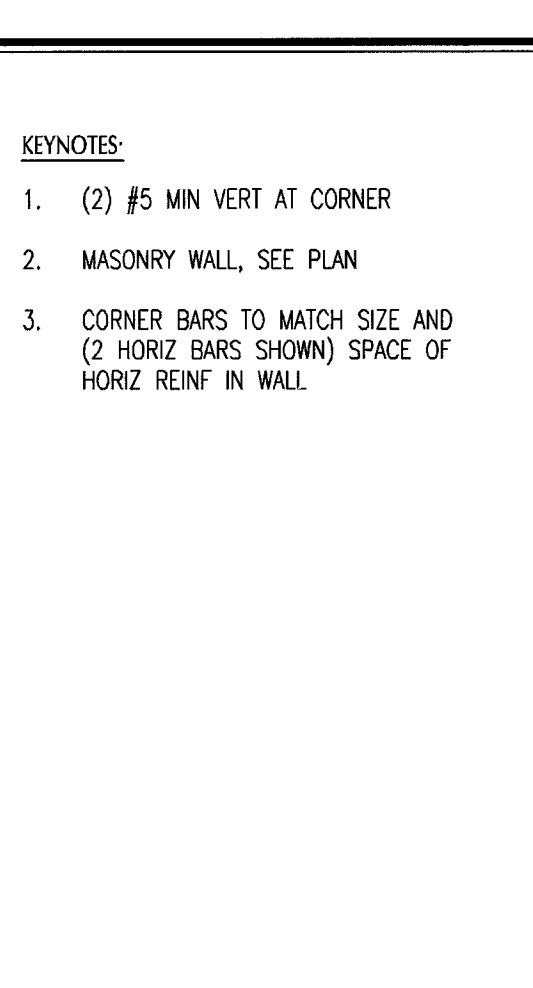
5 PLAN - TYPICAL MASONRY CORNER



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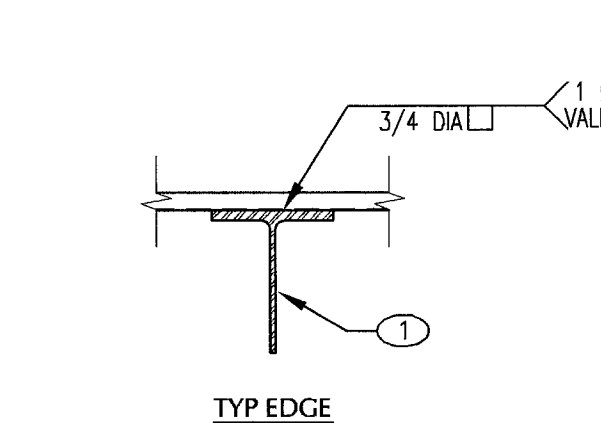
KEYNOTES:

1. AISC MIN EDGE DISTANCE TYP
2. 1/4" FOR BASE PLATE UP TO 3/4" THICK, 5/16" FOR BASE PLATE MORE THAN 3/4" THICK

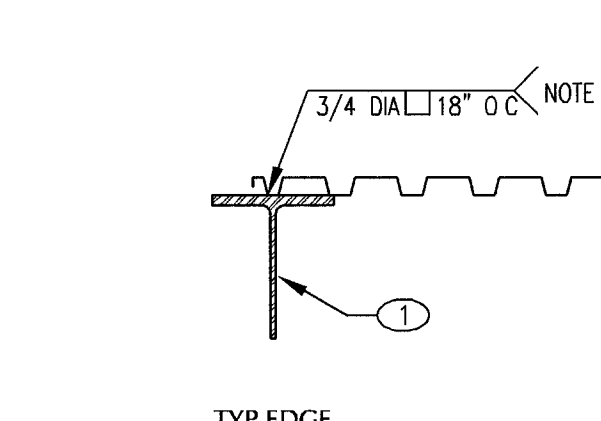
NOTES:

- A. SEE PLAN OR SCHEDULE FOR BASE PLATE DIMENSIONS
- B. BASE CONNECTIONS MAY REQUIRE MORE THAN (4) ANCHOR BOLTS SHOWN. SEE PLAN OR SCHEDULE FOR SIZE, TYPE, AND NUMBER OF BOLTS

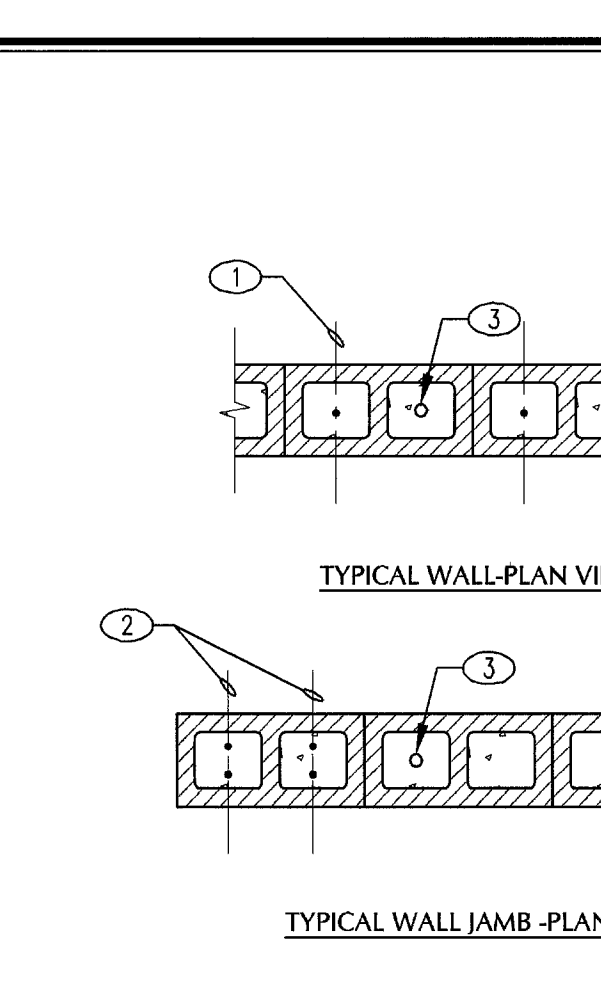
6 PLAN - TYPICAL STEEL COLUMN BASE PLATE



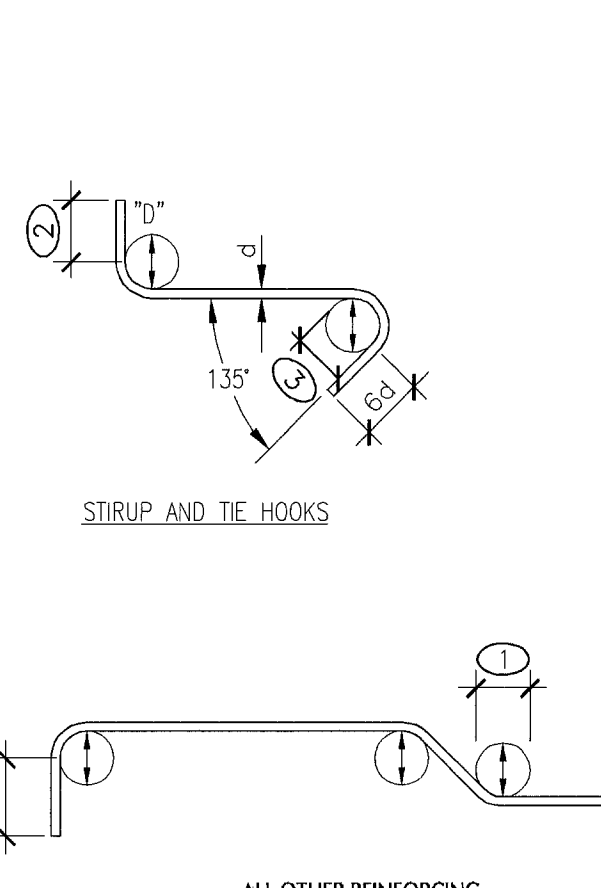
3 STANDARD REBAR BENDING DETAILS



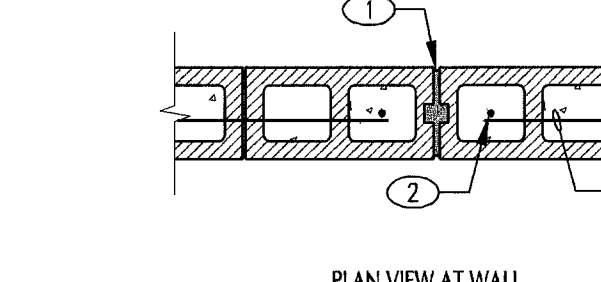
3 STANDARD REBAR BENDING DETAILS



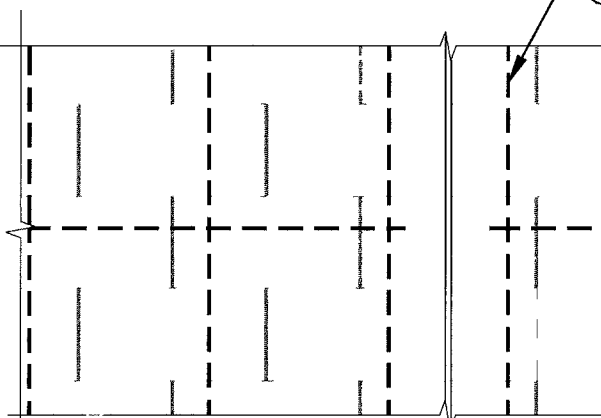
3 STANDARD REBAR BENDING DETAILS



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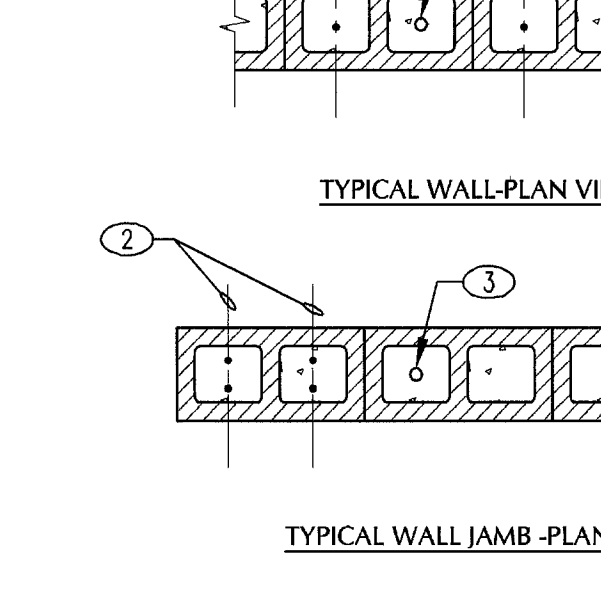
3 STANDARD REBAR BENDING DETAILS

KEYNOTES:

1. STEEL BEAM, TRUSS, GIRDER, ANGLE OR PLATE
2. BUTT PUNCH AT 24" O.C.
3. LAP 2" MIN
- NOTE:
- A. DECKING MUST BE CONT OVER TWO SPANS MIN

KEYNOTES:

1. TYP WALL REINFORCING PER PLAN
2. JAMB REINFORCING PER PLAN
3. ELECTRICAL CONDUIT. LOCATE IN CELLS W/OUT HORIZ OR VERT REINF



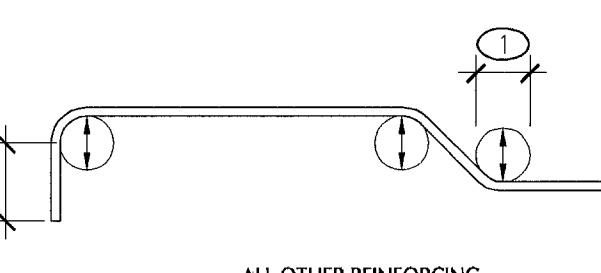
2 CONDUIT PLACEMENT IN MASONRY WALLS

KEYNOTES:

1. D = 6d FOR #3 THRU #8
D = 8d FOR #9, 10 AND #11
D = 10d FOR #14 AND #18
2. 6"d FOR #5 AND SMALLER
12"d FOR #6 THRU #8
3. MINIMUM FINISHED BEND DIA FOR STIRRUPS AND TIES ONLY
4"d OF #5 AND SMALLER
6"d FOR #6 THRU #8
6"d FOR #6 THRU #8

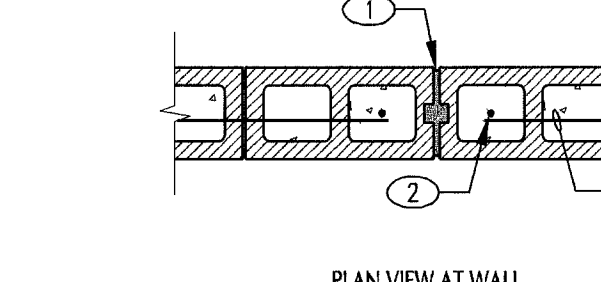
NOTES:

- A. "d" = BAR DIA
- B. ALL REINFORCEMENT SHALL BE BENT COLD UNO ON PLANS OR DETAILS

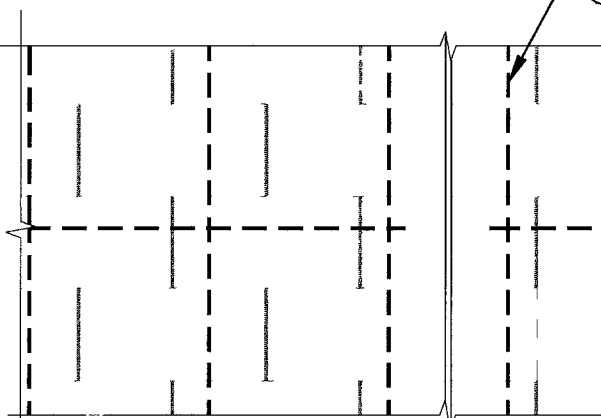


2 CONDUIT PLACEMENT IN MASONRY WALLS

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KEYNOTES:

1. FILLER MATERIAL IN MASONRY CONTROL JOINT (MCJ) PER ARCH'L
2. TYPICAL VERT REINFORCING EACH SIDE OF MCJ
3. TERMINATE ALL HORIZ BOND BEAM REINFORCING 2" FROM CONTROL JOINT EXCEPT MASONRY UNTEL REINFORCING AND CHORD STEEL AT ELEVATED FLOOR AND ROOF LINES

NOTES:

- A. LOCATE CONTROL JOINTS WHERE SHOWN ON PLAN WHERE NOT SPECIFICALLY NOTED ON PLAN, LOCATE AT 40'-0" O.C. MAX VERIFY LOCATION COMPATIBILITY W/ ARCH'L PRIOR TO PLACEMENT

4 TYPICAL MASONRY CONTROL JOINT

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	06/09/06

CONSULTANT

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FAX: (702) 616-5125

STRUCTURAL SOLUTIONS ENGINEERING

CITY OF LAS VEGAS, NV
FIRE STATION #8
805 N. MOJAVE RD., LAS VEGAS, NV 89101

TYPICAL DETAILS

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

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 220-6335
FAX: (702) 382-3232
TDD: (702) 386-9108

DRAWN: JCB
FILE: LV03181
DATE: 4/3/04
SCALE: NO SCALE
SHEET NO: 069
SHEET TOTAL: S0.2