

LEFT END

BM MARK

SEE "CONC

BM SCHED"

OF BM

Lt OR (L1)/3

(2) SETS OF BM

BEAM CONSTRUCTION JOINT

WHERE TOP BARS

CANNOT BE EXTENDED

PROVIDE 90° HOOK

WHERE SLAB

EXTEND TOP BM L

BARS INTO ADJ SLAB -

AT CANT BMS, EXTEND

& STIRRUPS TO END OF

CANT. TERMINATE TOP

BARS W/ STD HOOK

TOP BARS, CONT BOT BARS,

CONTINUES,

STIRRUPS AT 6"

EXTEND ALL BM

BARS THRU JT

WIDTH OF BM

KEY, FULL

NOTES:

- AT CONTRACTOR'S OPTION, WHERE REQUIRED TO RELIEVE BAR CONGESTION, NOT MORE THAN 50 PERCENT OF THE AREA OF THE STRAIGHT BOTTOM BARS MAY BE TERMINATED AS SHOWN UNLESS NOTED OTHERWISE.
- 2. BEAM SCHEDULES DO NOT INDICATE REQUIREMENTS FOR ARRANGING BARS. THE CONTRACTOR SHALL DETAIL AND PLACE REINFORCING STEEL IN A SINGLE LAYER WHENEVER POSSIBLE. A SECOND LAYER MAY BE USED ONLY WHERE REQUIRED TO PROVIDE PROPER CLEARANCES BETWEEN BARS IN A LAYER AND WHERE REQUIRED IN ORDER TO PROPERLY CLEAR COLUMN VERTICALS AND SIMILAR REINFORCING.
- 3. EITHER 90 OR 180 DEGREE STANDARD HOOK BARS MAY BE USED FOR LONGITUDINAL BARS.
- 4. WHERE TOP BARS ARE INDICATED AS CONTINUOUS AND RUN OVER 60 FEET IN LENGTH, BARS MAY BE LAPPED Ld IN THE MIDDLE THIRD OF THE BEAM SPAN UNLESS NOTED OTHERWISE. CONTINUOUS TOP BARS SHALL NOT BE LAPPED IN THE SPAN ADJACENT TO A CANTILEVER, UNLESS NOTED OTHERWISE. WHERE BOTTOM BARS ARE SHOWN AS CONTINUOUS AND RUN IN EXCESS OF 60 FEET, A LAP SPLICE MAY BE USED EQUAL TO Lsb AND SHALL BE OUTSIDE THE MIDDLE THIRD OF THE BEAM SPAN. SIDE BAR SPLICES MAY BE MADE WHERE CONVENIENT.
- 5. LOCATE ALL CONSTRUCTION JOINTS WITHIN THE MIDDLE THIRD OF SPAN. JOINTS SHALL BE OFFSET AT A MINIMUM DISTANCE OF TWO TIMES THE WIDTH OF INTERSECTING BEAMS. SUBMIT LOCATION OF ALL CONSTRUCTION JOINTS TO ENGINEER FOR REVIEW AND ACCEPTANCE BEFORE FORMING.
- 6. ALL BARS IN SAME LAYER UNLESS NOTED OTHERWISE

SUPT L3 (INT SPAN)

t, (L2)/3 OR (L3)/3

WHICHEVER

IS GREATER

CONT BARS,

SEE "CONC BM

ADDED BARS

SCHED", TYP

SEE "CONC BM

DWLS TO MATCH

BOT BARS, TYP

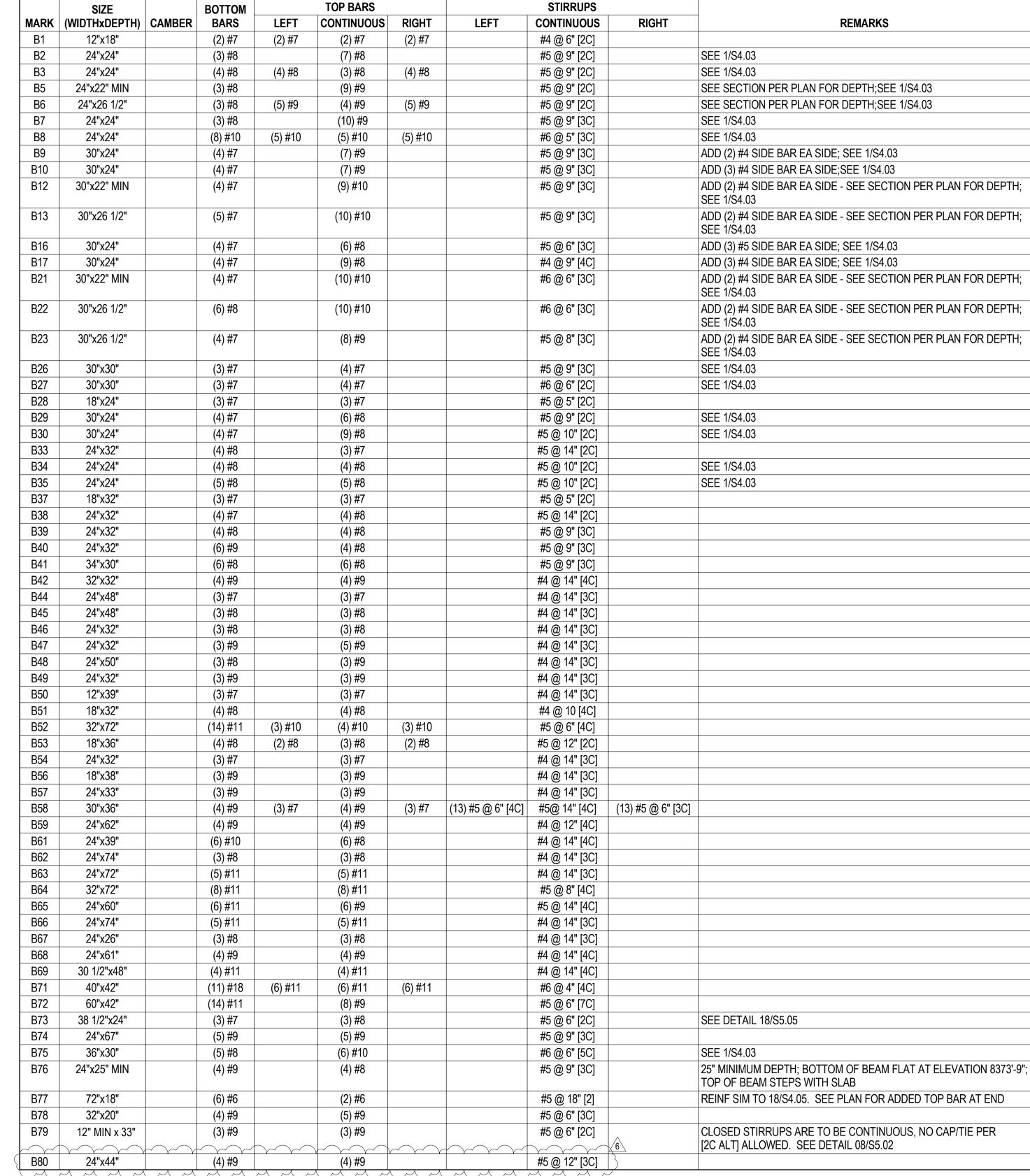
LARGEST AREA OF

SCHED." PROVIDE

HEAVIER OF L2 0R

L3 CONT REINF, TYP

TYPICAL CONCRETE BEAM NOTES



CONCRETE BEAM SCHEDULE



RIGHT END

LEFT END OF BM

Lt, (L1)/3 OR (L2)/3

WHICHEVER

IS GREATER

L2 (INT SPAN)

TYP

SEE NOTE 1

BM NOTES"

OF "TYP CONC

STIRRUPS

SEE NOTE 1

BM NOTES" -

OF "TYP CONC

Lt, (L2)/3 OR (L3)/3

WHICHEVER

IS GREATER

2" TYP

OF BM

7---/------

^

L1 (END SPAN)

ADDED BARS, SEE

"CONC BM SCHED"

SEE NOTE 1

OF "TYP CONC

TOP BAR CONT

- BOT BARS

SEE NOTE 1

OF "TYP CONC

BM NOTES"

PLAN OF BEAMS

, Lt, (L1)/3 OR (L2)/3

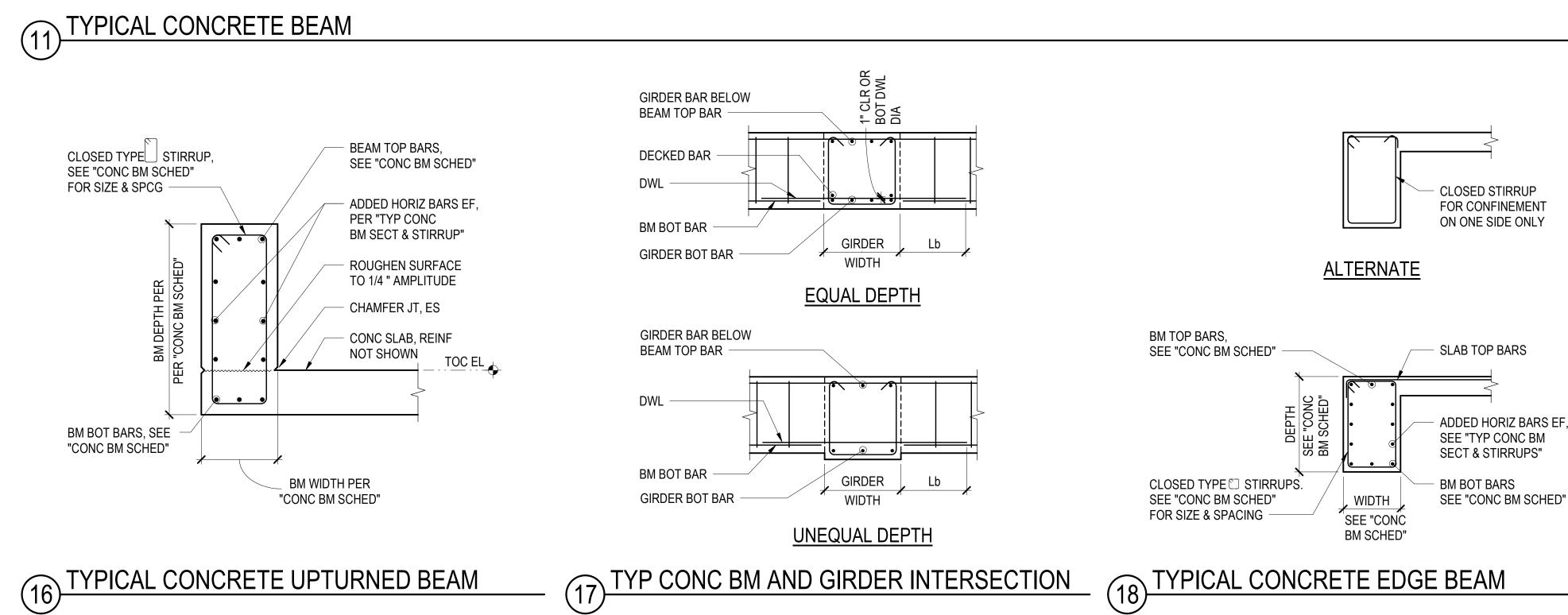
WHICHEVER

IS GREATER

2" TYP

(L1)/5



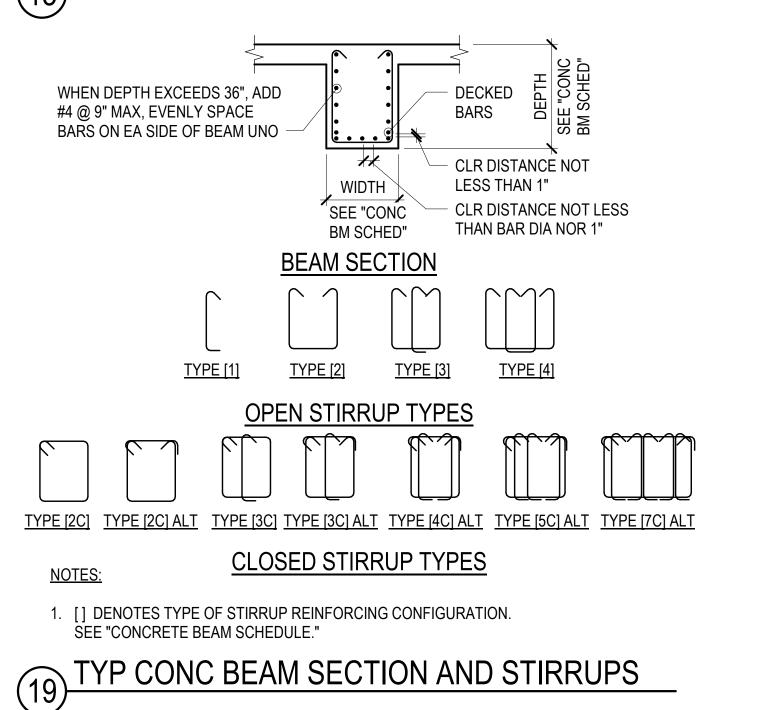


NOTES:

1. SEE "TYPICAL CONCRETE BEAM" DETAIL.

[] DENOTES TYPE OF REINFORCING CONFIGURATION.
 SEE "TYPICAL CONCRETE BEAM SECTION AND STIRRUPS" DETAIL FOR STIRRUP TYPE.

CONCRETE BEAM SCHEDULE



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TYPICAL
CONCRETE BEAM
DETAILS AND
SCHEDULE

S4.03