

LEFT END

BM MARK

SEE "CONC

BM SCHED"

SEE NOTE 1

OF "TYP CONC

BM NOTES"

OF BM

(2) SETS OF BM

BEAM CONSTRUCTION JOINT

TOP BARS, CONT BOT BARS,

& STIRRUPS TO END OF

CANT. TERMINATE TOP

BARS W/ STD HOOK

16 TYPICAL CONCRETE UPTURNED BEAM

CLOSED TYPE STIRRUP

SEE "CONC BM SCHED"

FOR SIZE & SPCG -

BM BOT BARS, SEE

"CONC BM SCHED"

STIRRUPS AT 6"

EXTEND ALL BM

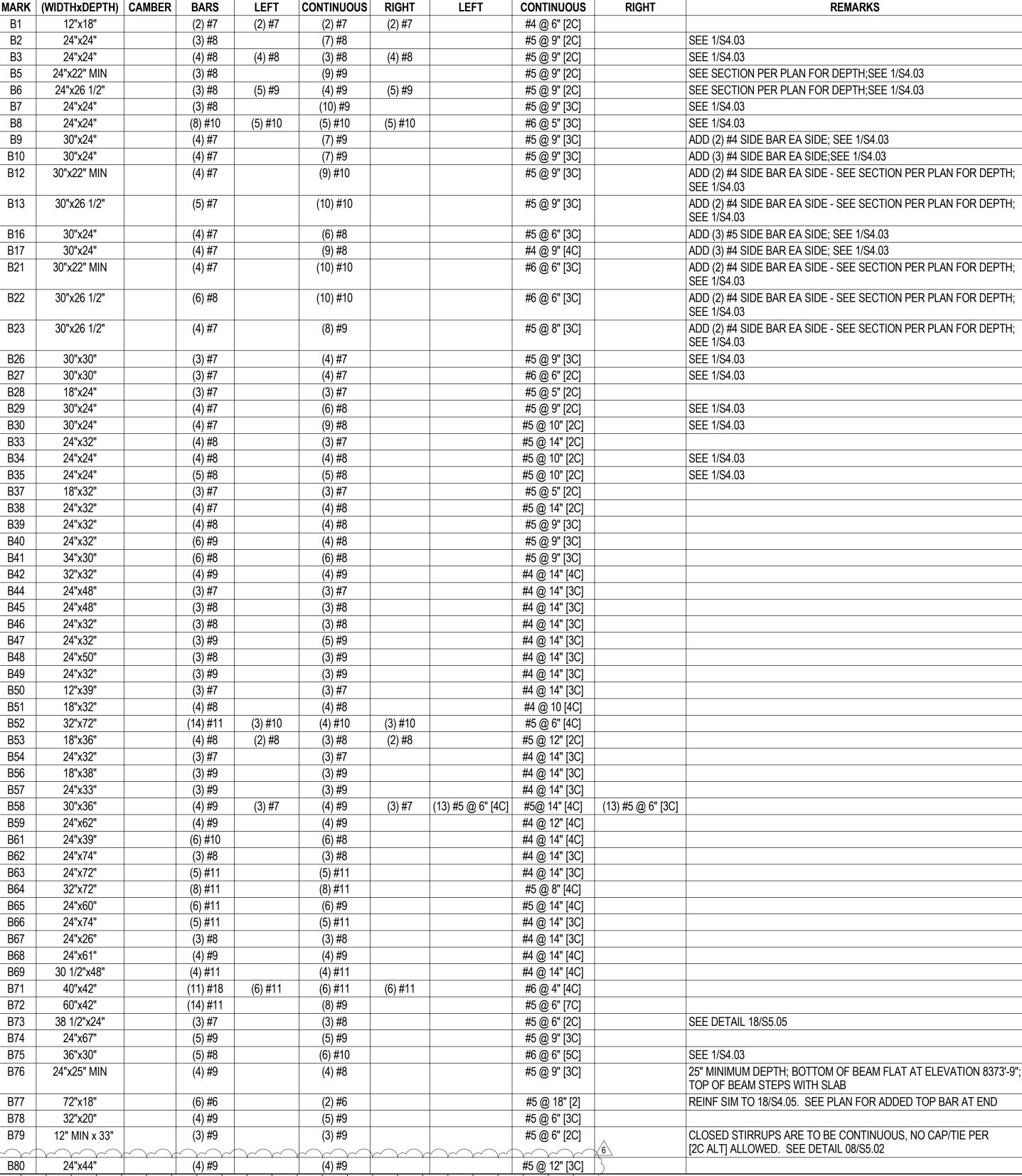
BARS THRU JT

WIDTH OF BM

KEY, FULL

NOTES:

- 1. 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
- 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
- TYPICAL CONCRETE BEAM NOTES



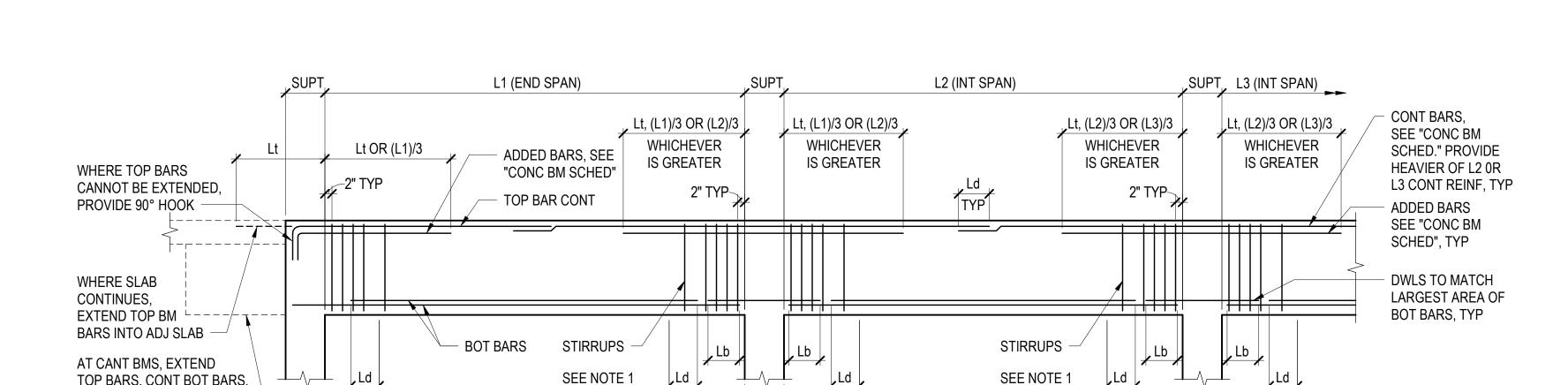
CONCRETE BEAM SCHEDULE

STIRRUPS

TOP BARS

BOTTOM

SIZE



RIGHT END

LEFT END OF BM

OF BM

7---/------

^

OF "TYP CONC

(L1)/5

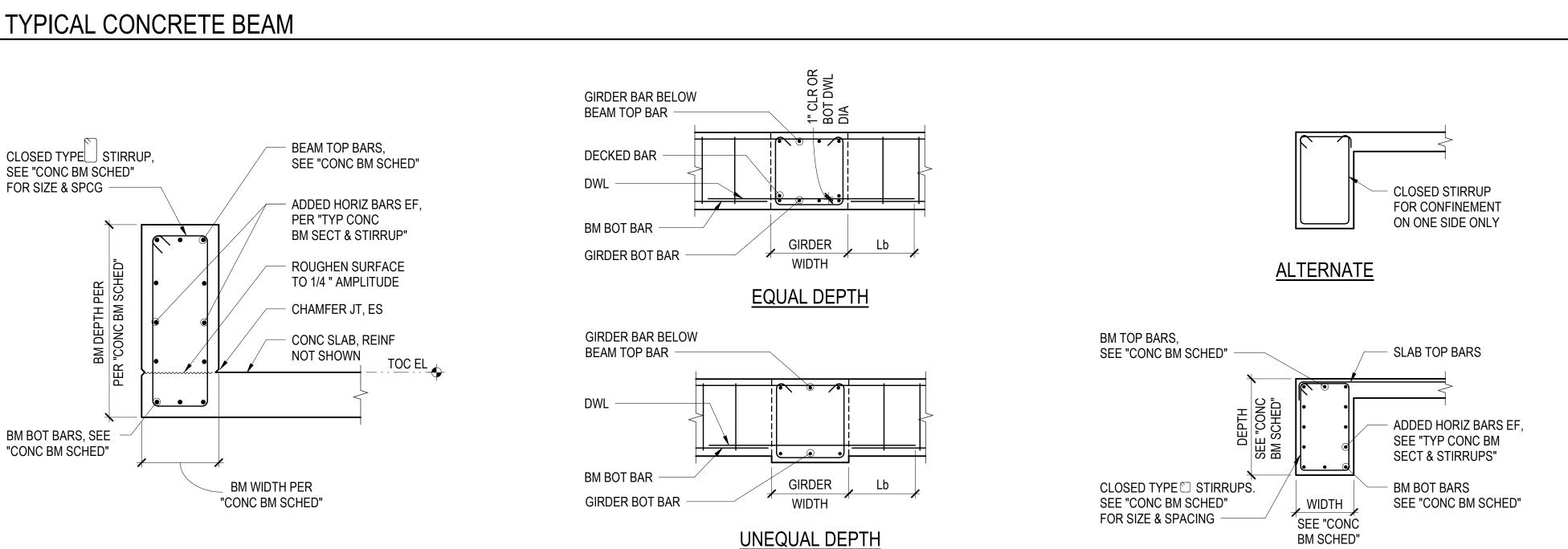
PLAN OF BEAMS

BEAM REINFORCING ELEVATION

(17) TYP CONC BM AND GIRDER INTERSECTION



(18) TYPICAL CONCRETE EDGE BEAM



SEE NOTE 1

BM NOTES"

OF "TYP CONC

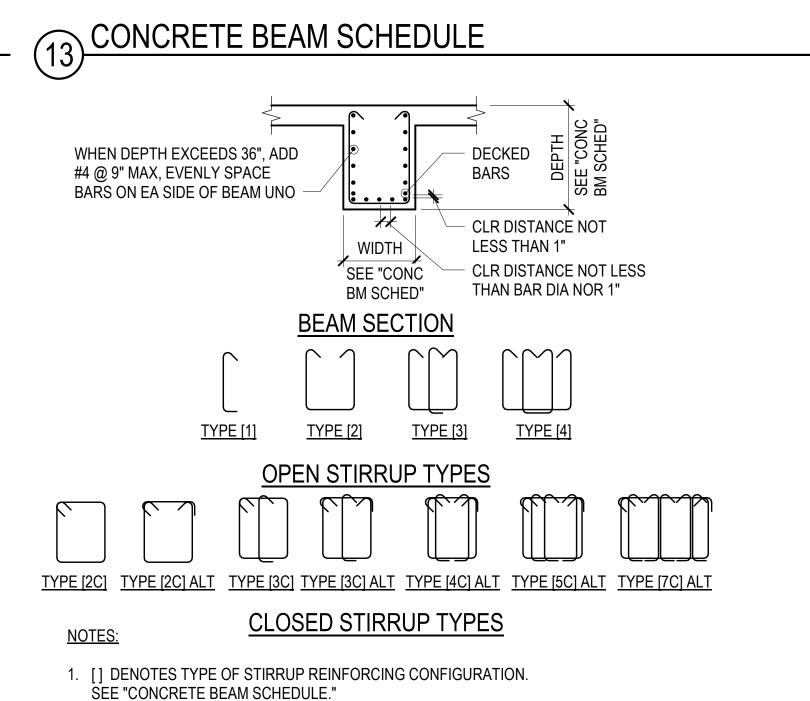
OF "TYP CONC

BM NOTES" -

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

1. SEE "TYPICAL CONCRETE BEAM" DETAIL.

NOTES:



(19) TYP CONC BEAM SECTION AND STIRRUPS

principal architect checked by job no. 20052 date 05/17/2024 6 01/17/2025 ASI-006.1 3 8/19/2024 ASI-004 2 7/26/2024 ASI-002 05/17/2024 IFC 2 04/08/2024 IFC SET 1 OF 3 11/18/2022 95% CD no. date

Reserved for permit stamp

Kundig

 $\frac{8}{0}$

MAGNUSSON

KLEMENCIC

Structural + Civil Engineers

ASSOCIATES

Seattle Chicago

www.mka.com

206 292 1200

 \circ

BLAN UTAH

project: SOMMET NEER VALLE

CONCRETE BEAM DETAILS AND SCHEDULE

TYPICAL

IFC SET 2 OF 3

05/17/2024

S4.03