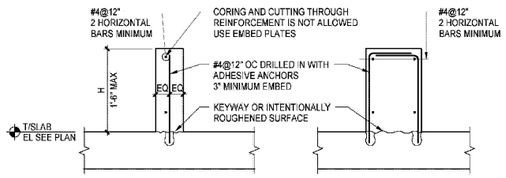


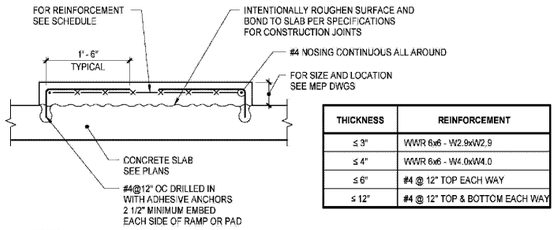
CURB WIDTH - 4" MINIMUM TO 7" MAXIMUM **CURB WIDTH OVER 7"**

NOTES:

1. FOR SIZE AND LOCATION SEE ARCH, MEP, OR STRUCTURAL DRAWINGS
2. ROUGHEN SURFACE OF SLAB TO 1/4" AMPLITUDE CLEAN THOROUGHLY AND APPLY BONDING AGENT IMMEDIATELY BEFORE CASTING CURB
3. THIS DETAIL IS APPLICABLE AT CURBS FOR NON-STRUCTURAL ELEMENTS SUCH AS SKYLIGHTS, INTERIOR PARTITIONS AND INTERIOR RAILINGS
4. SEE ARCH DRAWINGS FOR EMBEDDED PLATES AND BLOCKOUTS REPLACE REINFORCEMENT INTERRUPTED BY BLOCKOUTS

1 TYPICAL CURB DETAILS (AT INTERIOR)

NOT TO SCALE



THICKNESS	REINFORCEMENT
≤ 3"	WWR 6x6 - W2.9xW2.9
≤ 4"	WWR 6x6 - W4.0xW4.0
≤ 6"	#4 @ 12" TOP EACH WAY
≤ 12"	#4 @ 12" TOP & BOTTOM EACH WAY

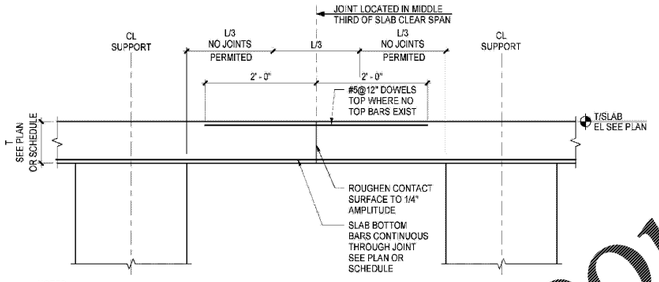
NOTES:

1. THIS DETAIL IS NOT APPLICABLE TO GENERAL RAISED SLAB AREA HIGHER THAN 4" OTHER THAN MECHANICAL PADS AND HOUSEKEEPING PADS

SECTION AT RAMP OR PAD

2 TYPICAL DETAIL OF CONCRETE FILL HOUSEKEEPING PAD / MECHANICAL PAD / RAMP

NOT TO SCALE

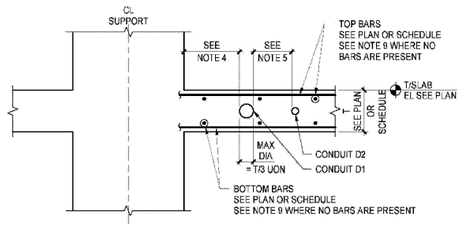


NOTES:

1. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LAYOUT PLAN FOR SER APPROVAL
2. FOR SLAB REINFORCEMENT NOT SHOWN, SEE PLAN OR SCHEDULE

3 TYPICAL SLAB CONSTRUCTION JOINT

NOT TO SCALE



POST-TENSIONED CONCRETE NOTES:

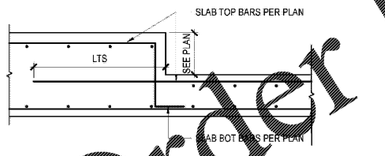
1. FOR POST-TENSIONED CONCRETE, MAXIMUM CONDUIT OUTER DIAMETER IS THE SMALLER OF:
   A. T/4
   B. 2"
2. CONDUITS MAY NOT BE TIED TO, CONTACT, DISPLACE, OR INTERRUPT THE POST-TENSIONING REINFORCEMENT
3. MAINTAIN A CLEAR SPACING BETWEEN TENDONS AND CONDUITS OF THREE TIMES THE DIAMETER OF THE CONDUIT BUT NOT LESS THAN 6 INCHES

NOTES:

1. PLACE CONDUITS BETWEEN TOP AND BOTTOM LAYER OF REINFORCEMENT CENTERED WITHIN SLAB
2. CROSSOVER OF CONDUITS AND/OR PIPES IS NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL BY SER
3. CONDUITS TO BE PLASTIC OR STEEL. USE OF ALUMINUM CONDUITS IS NOT PERMITTED
4. PLACE CONDUITS THE LARGEST OF THE FOLLOWING CLEAR FROM FACE OF COLUMN:
   A. LARGEST COLUMN DIMENSION (WIDTH OR DEPTH)
   B. 2 x SLAB THICKNESS T
   C. 1'-0"
5. MAINTAIN A CLEAR SPACING BETWEEN CONDUITS OF THREE TIMES THE LARGER OUTER DIAMETER OF D1 AND D2, BUT NOT LESS THAN 6 INCHES
6. NO MORE THAN THREE (3) CONDUITS PER SIX (6) FT WIDTH OF SLAB ARE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL BY SER
7. WHERE LARGE NUMBERS OF CONDUIT ENTER THE SLAB AT ONE LOCATION:
   A. SUBMIT LAYOUT FOR APPROVAL BY SER
   B. FAN OUT CONDUITS IMMEDIATELY
   C. PROVIDE ADDITIONAL TOP & BOTTOM REINFORCEMENT AS DIRECTED BY SER UNTIL NOTES 5 AND 6 SPACING REQUIREMENTS ARE MET
8. NO CONDUITS ARE PERMITTED WITHIN A DISTANCE "T" CLEAR FROM SLAB EDGE, SLAB DEPRESSION, OR DROP PANEL WITHOUT PRIOR WRITTEN APPROVAL BY SER
9. WHERE NO BARS ARE PRESENT AT ONE OR MORE FACES OF SLAB, PROVIDE THE FOLLOWING REINFORCEMENT PERPENDICULAR TO THE CONDUIT(S) 3'-0" LONG OR EXTENDING 1'-0" PAST EACH SIDE OF CONDUIT(S), WHICHEVER IS LARGER:
   T < 6", #4@12" OC
   6" < T < 1'-0", #5@12" OC
   1'-0" < T < 1'-6", #6@12" OC
10. ANY DEVIATIONS FROM THE ABOVE STATED CONDITIONS REQUIRE PRIOR WRITTEN APPROVAL BY SER

4 TYPICAL CONDUITS IN SLAB

NOT TO SCALE



5 TYPICAL CONCRETE SLAB EDGE DETAIL

SCALE: 1" = 1'-0"

6 TYPICAL TOP OF SLAB STEP

SCALE: 3/4" = 1'-0"

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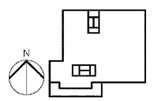
KEY PLAN



REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER
22808.001
DATE
05/22/2020
ISSUE
PERMIT SET

SHEET TITLE
TYPICAL CONCRETE SLAB DETAILS

S4.05

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