

Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES:

NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS

JULY, 2022

DATE

PROJECT TITLE :

EWA AND DH CONCOURSE ROADWAY IMPROVEMENTS PHASE 1

AT
DANIEL K. INOUE INTERNATIONAL AIRPORT
HONOLULU, OAHU, HAWAII

PROJECT NO.:

AO1043-32

SHEET TITLE:

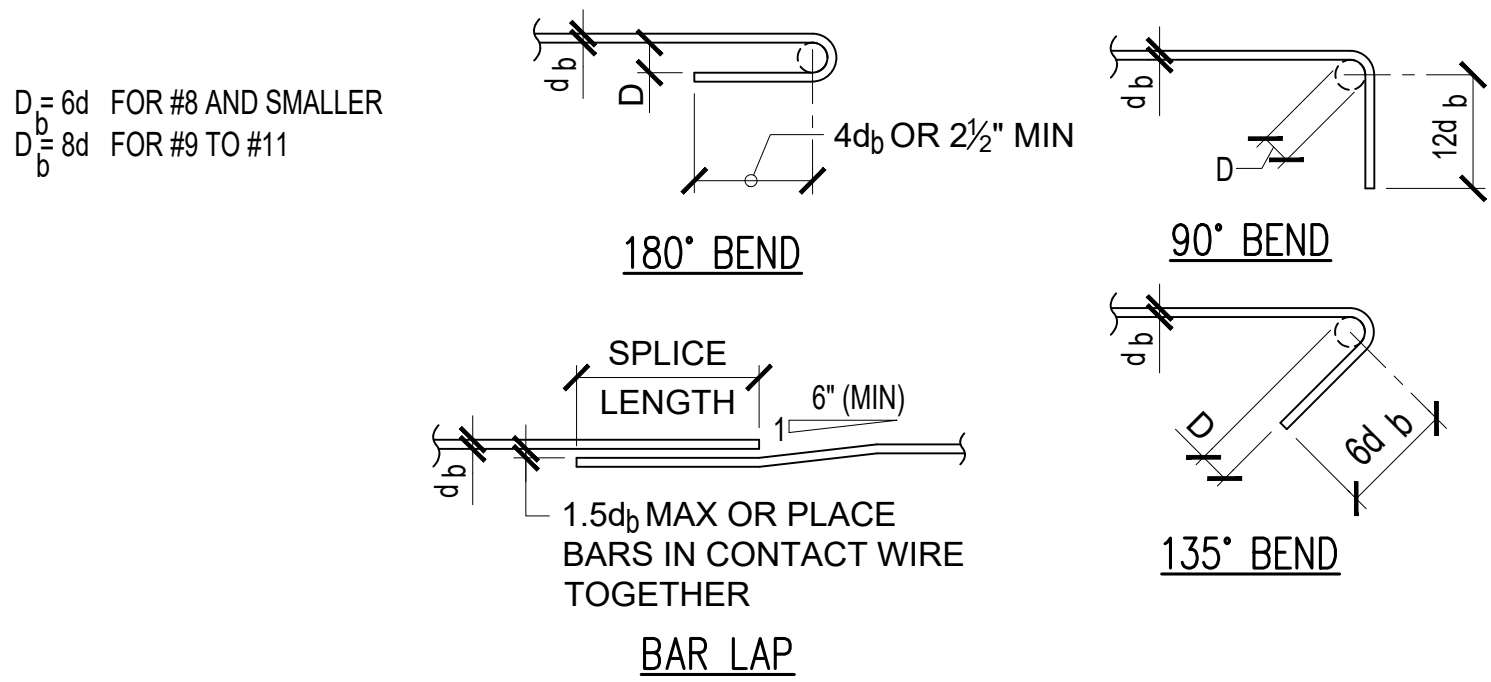
TYPICAL DETAILS

DATE :	DWG. NO. S-100
SHEET :	
22 OF SHEETS	

MINIMUM SPLICE AND DEVELOPMENT LENGTHS - GRADE 100 STEEL			
BAR SIZE	CONCRETE STRENGTH = 5,000 PSI		
	LAP SPLICE	DEVELOPMENT	
		STRAIGHT	WITH STANDARD HOOK
#3	19"	15"	10"
#4	25"	19"	13"
#5	31"	24"	16"
#6	37"	29"	19"
#7	60"	46"	28"
#8	78"	60"	32"
#9	99"	76"	36"
#10	125"	96"	41"
#11	154"	118"	45"

NOTES:

- IF CONCRETE COVER IS NOT GREATER THAN THE DIAMETER OF THE BAR OR THE CENTER-TO-CENTER SPACING IS NOT GREATER THAN 3 BAR DIAMETERS THEN VALUES SHALL BE INCREASED BY 50%.
- "TOP BARS" ARE HORIZONTAL BARS WITH 12" OR MORE OF CONCRETE CAST BELOW.



1

S-100

TYPICAL REBAR SPLICE AND DEVELOPMENT LENGTH SCHEDULE

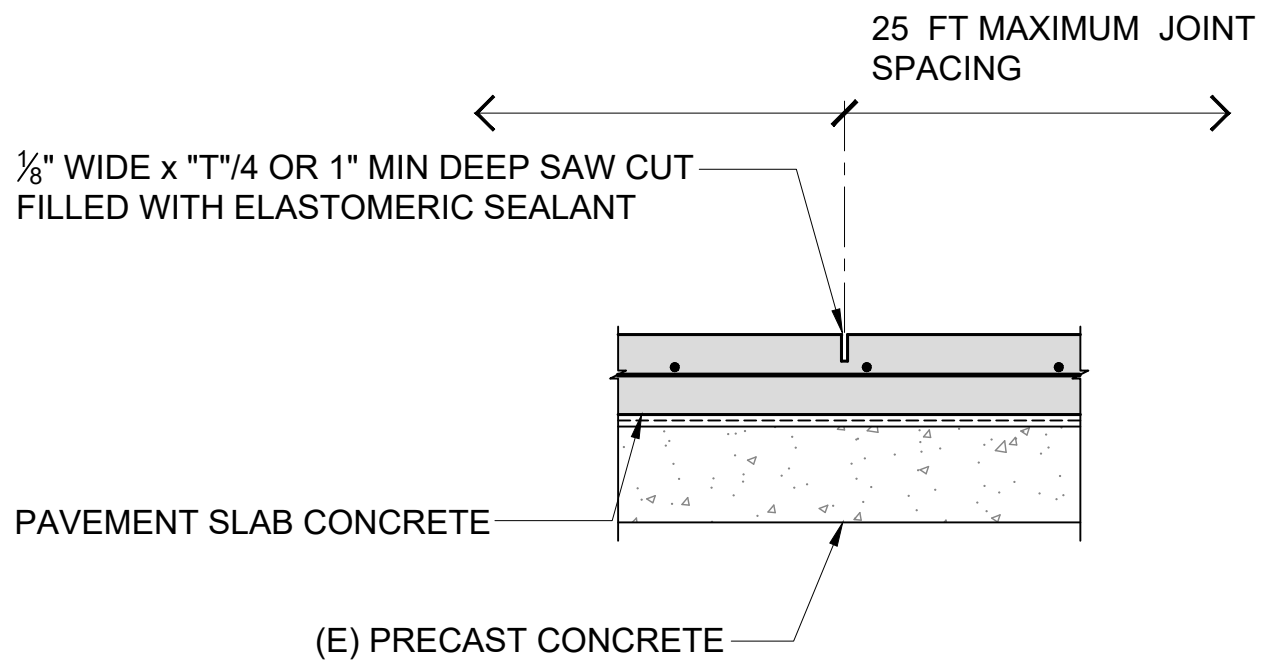
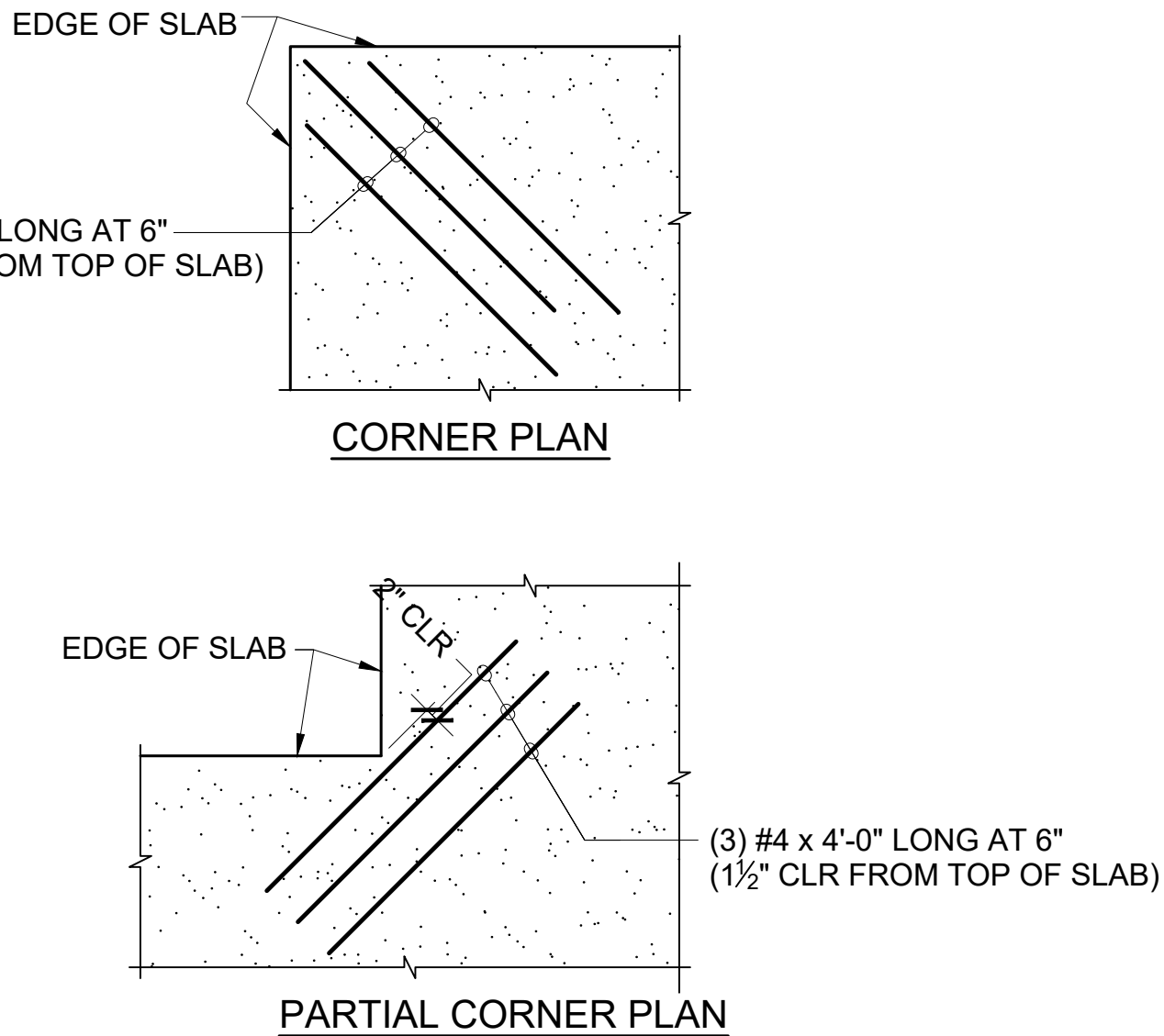
NOT TO SCALE

2

S-100

ADDITIONAL CORNER REBAR

NOT TO SCALE



NOTES:

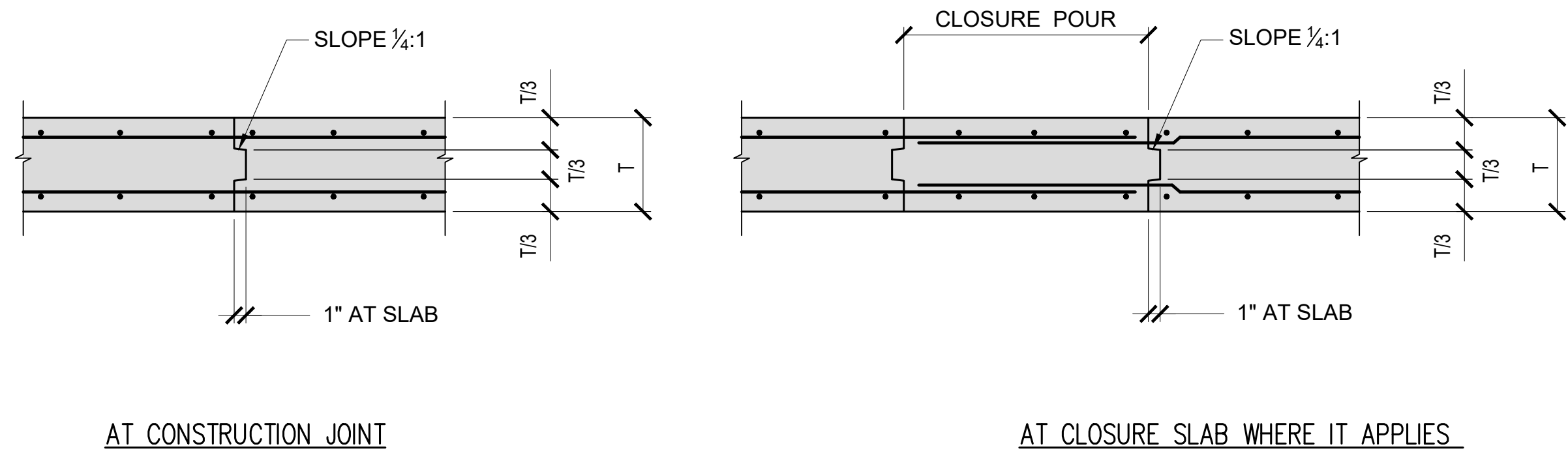
- SAW CUTTING SHALL OCCUR AS SOON AS CONCRETE SURFACE IS FIRM ENOUGH TO NOT BE TORN BY CUTTING BLADE AND BEFORE SHRINKAGE CRACKING OCCURS, BUT NO LATER THAN 12 HOURS AFTER CONCRETE HAS BEEN POURED.
- UNLESS NOTED OTHERWISE SUBMIT JOINTING PLANS FOR REVIEW.

3

S-100

TYPICAL PAVEMENT SLAB SAWCUT JOINT SJ-1

NOT TO SCALE



4

S-100

CONSTRUCTION JOINT DETAILS CJ-1

NOT TO SCALE