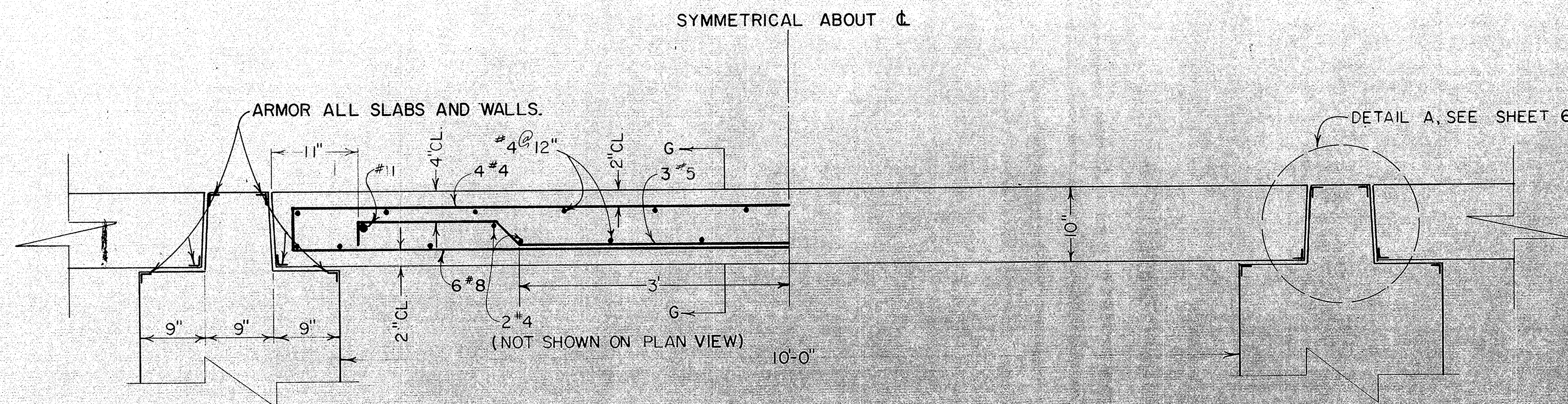


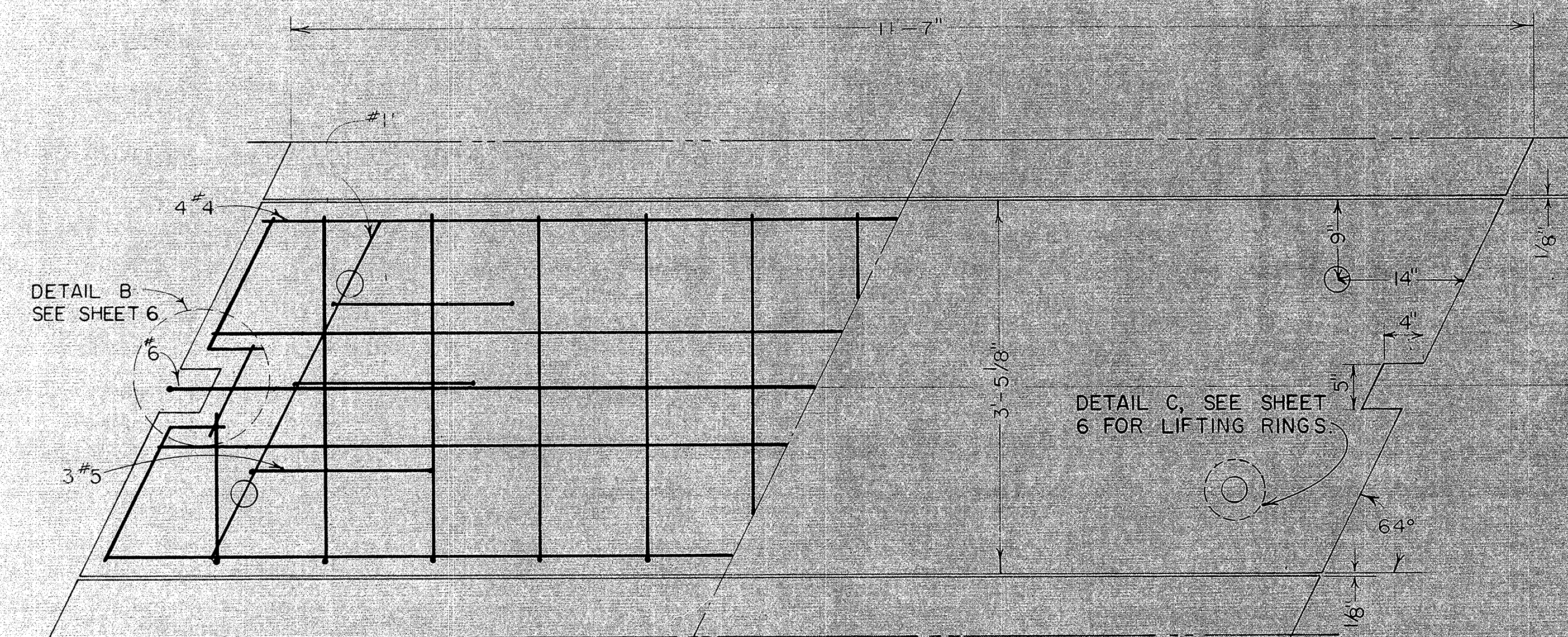


TYPICAL TOP SLAB, REINFORCEMENT AND DIMENSIONS

SCALE 1"=1'-0"

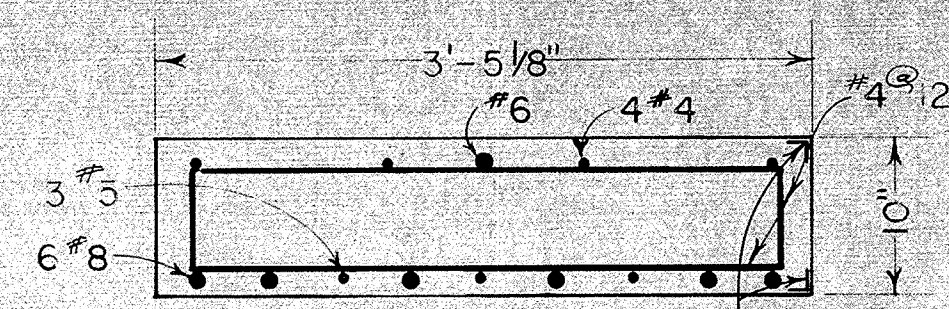
(SKEWED: 64°)

(NOTE: TOTAL NUMBER OF SLABS = 44)
(PLACE TWO SLABS IN STORAGE)



TYPICAL TOP, REINFORCEMENT AND DIMENSIONS

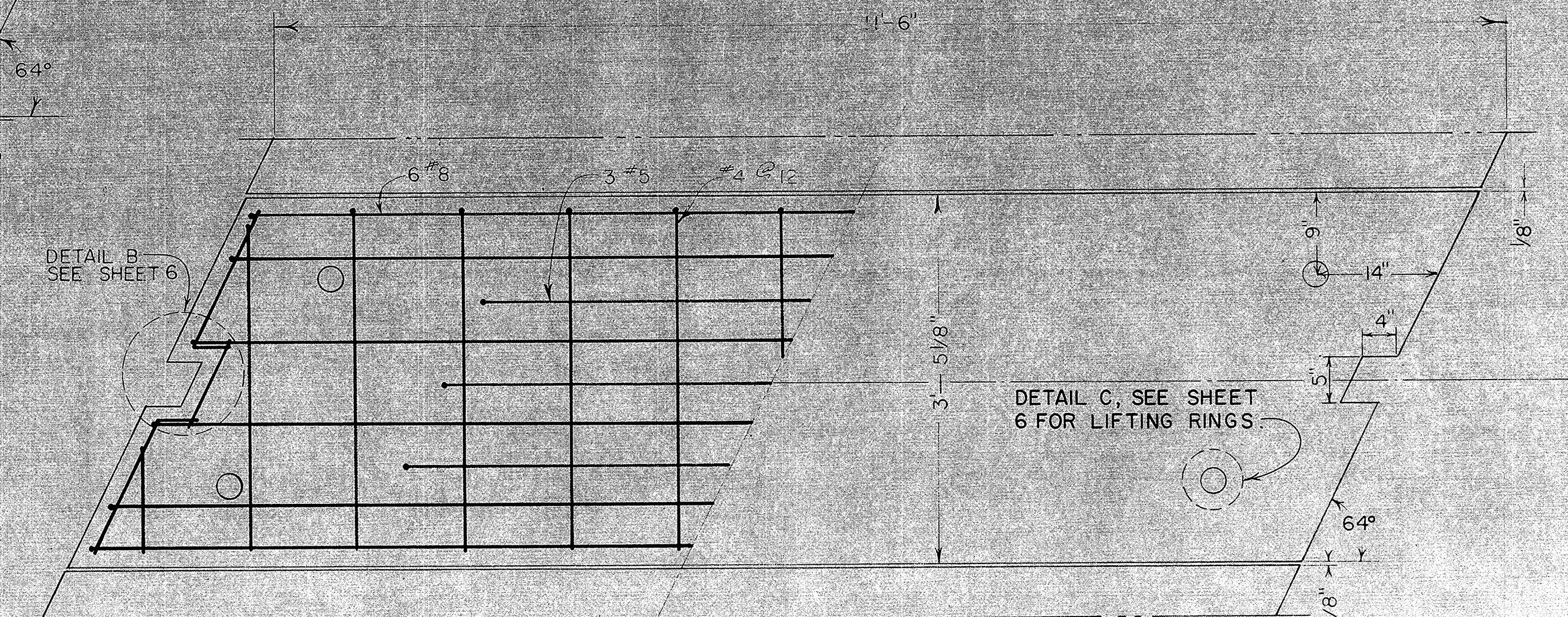
SCALE 1"=1'-0"



SECTION G-G

SCALE 1"=1'-0"

ARMOR EXTERIOR OF 8
SLABS. PLACE 6 SLABS
ON THE UPSTREAM
SIDE OF CULVERT AND
TWO IN STORAGE.



TYPICAL BOTTOM, REINFORCEMENT AND DIMENSIONS

SCALE 1"=1'-0"

DESIGN DATA

LIVE LOAD

H.S. 20-44 TRUCKS

ALLOWABLE CONCRETE STRESSES

The concrete will be a lightweight concrete.

Weight of concrete = 95 p.c.f.

$f_c = 4000$ p.s.i.

Working stress in comp. = f_c

$f_c = 1800$ p.s.i.

$n = 8$

The water and cement contents, as well as the grade of aggregates to be adjusted according to the A.C.I. Manual of Concrete Practice 1970 part I.

ALLOWABLE STEEL STRESSES

Steel grade 60

$f_s = 24000$ p.s.i.

All hooks, splices, and laps for the steel will comply with A.C.I. standards.

1 1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		TRABUCO CANYON ROAD TOP SLAB REINFORCEMENT & DIMENSIONS	
DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF	SHEET
DESIGNED	REVISIONS	DATE	5
DRAWN	CHECKED	SCALE	DWG. NO.
	H.S.H.	7-80	

DR 20 13306