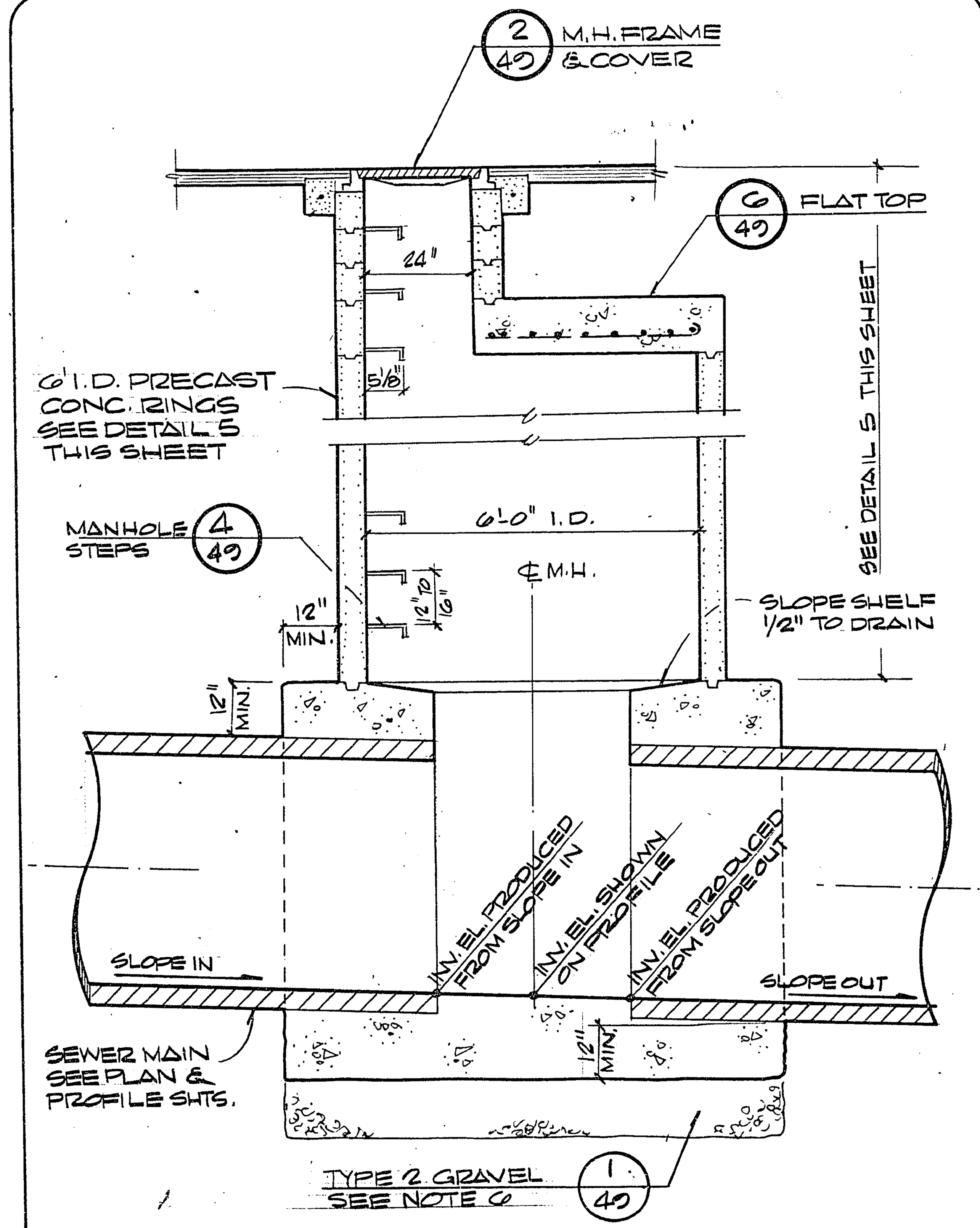
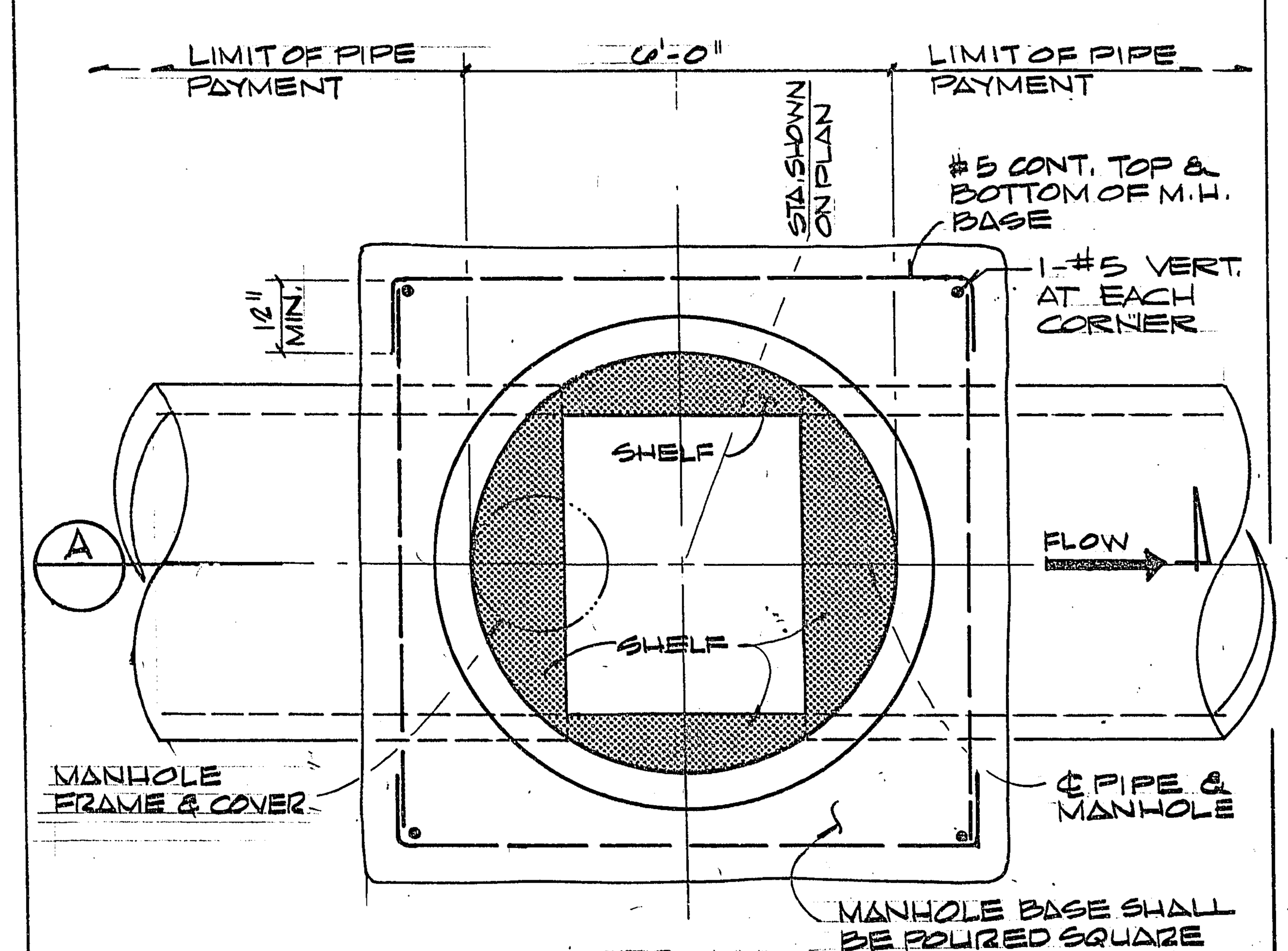


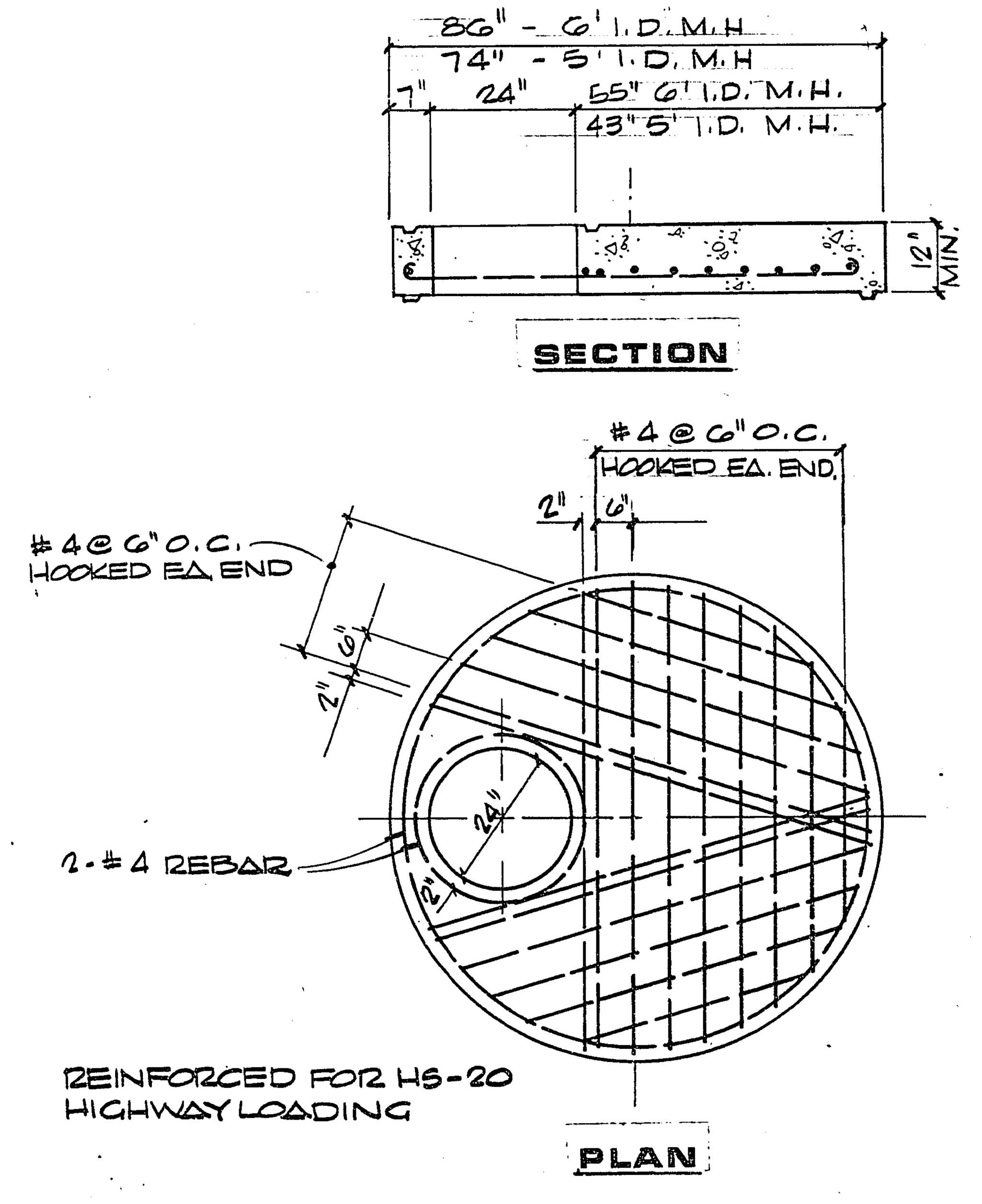
SECTION (A/49)



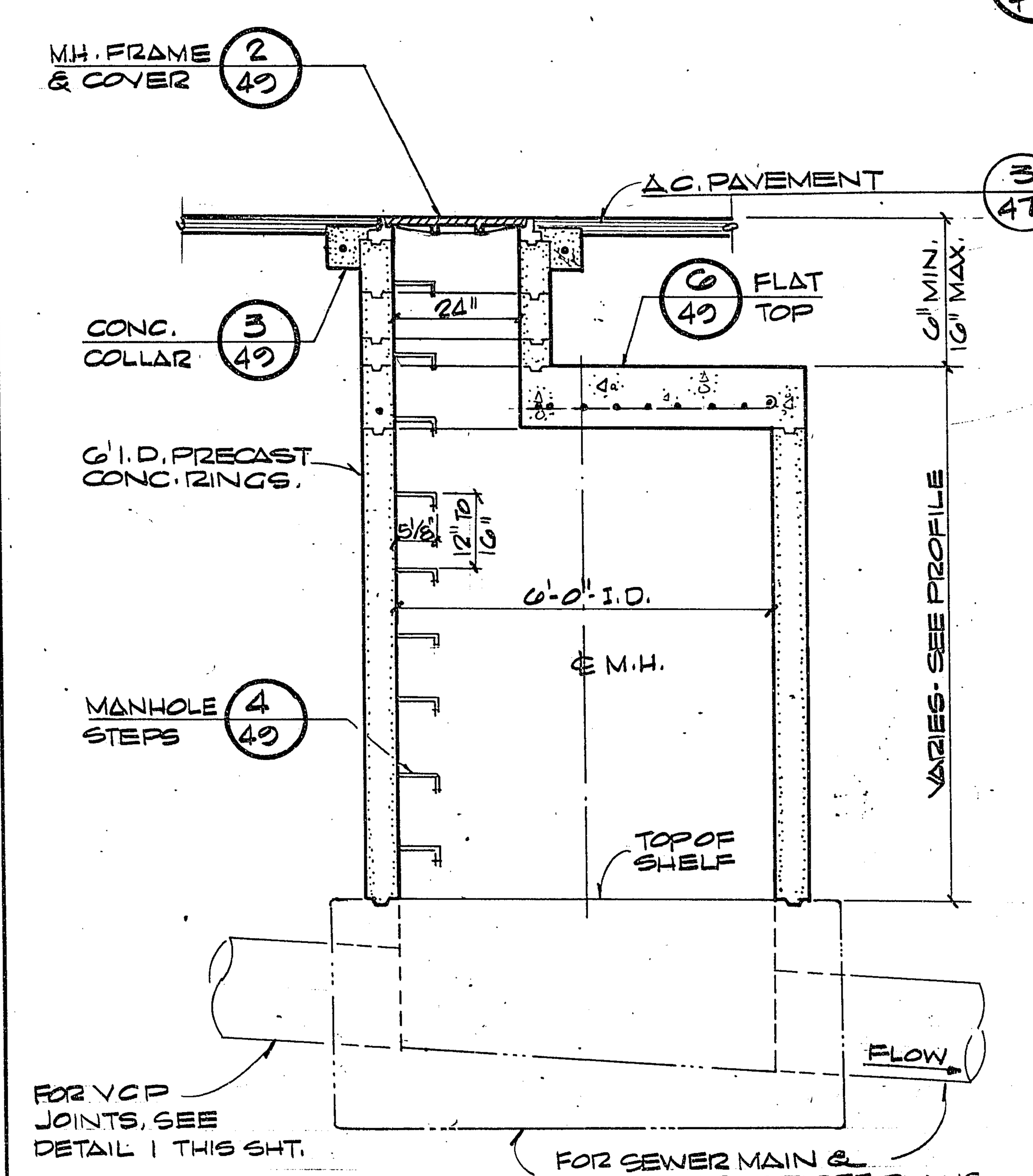
PLAN

"A" TYPE MANHOLE DETAIL (7/49)

M.H. # S.O. 78

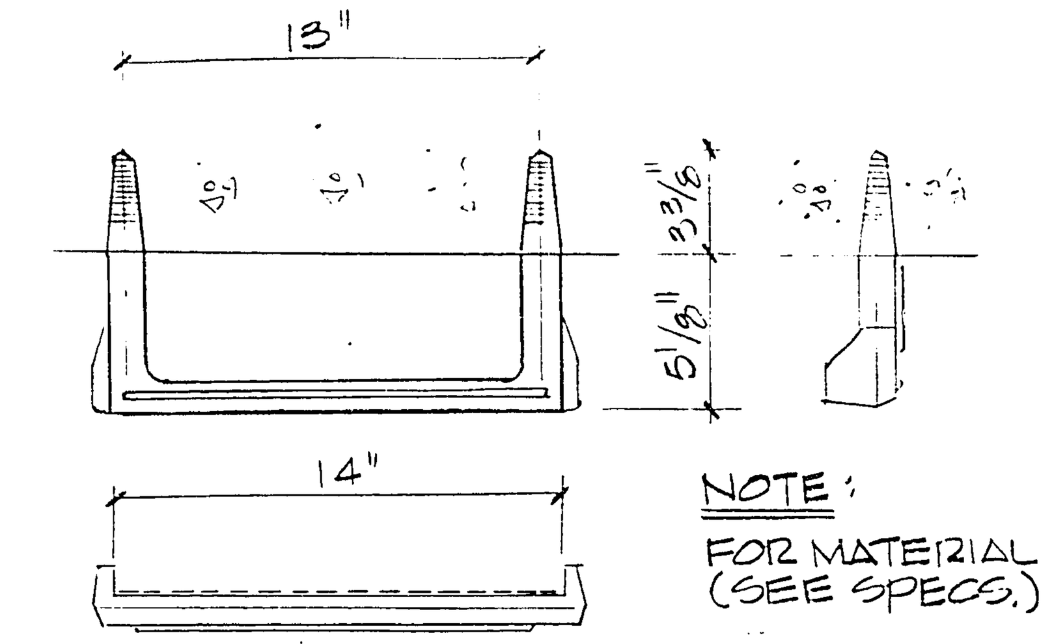


FLAT TOP DETAIL (6/49)

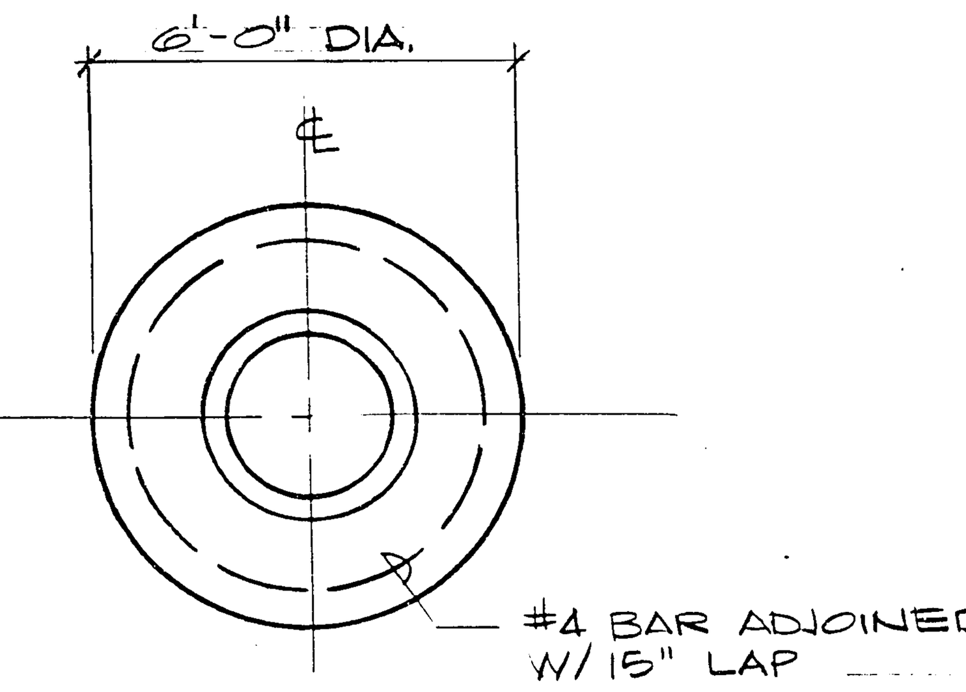


SEE M.H. NOTES ON DETAIL 1 THIS SHEET

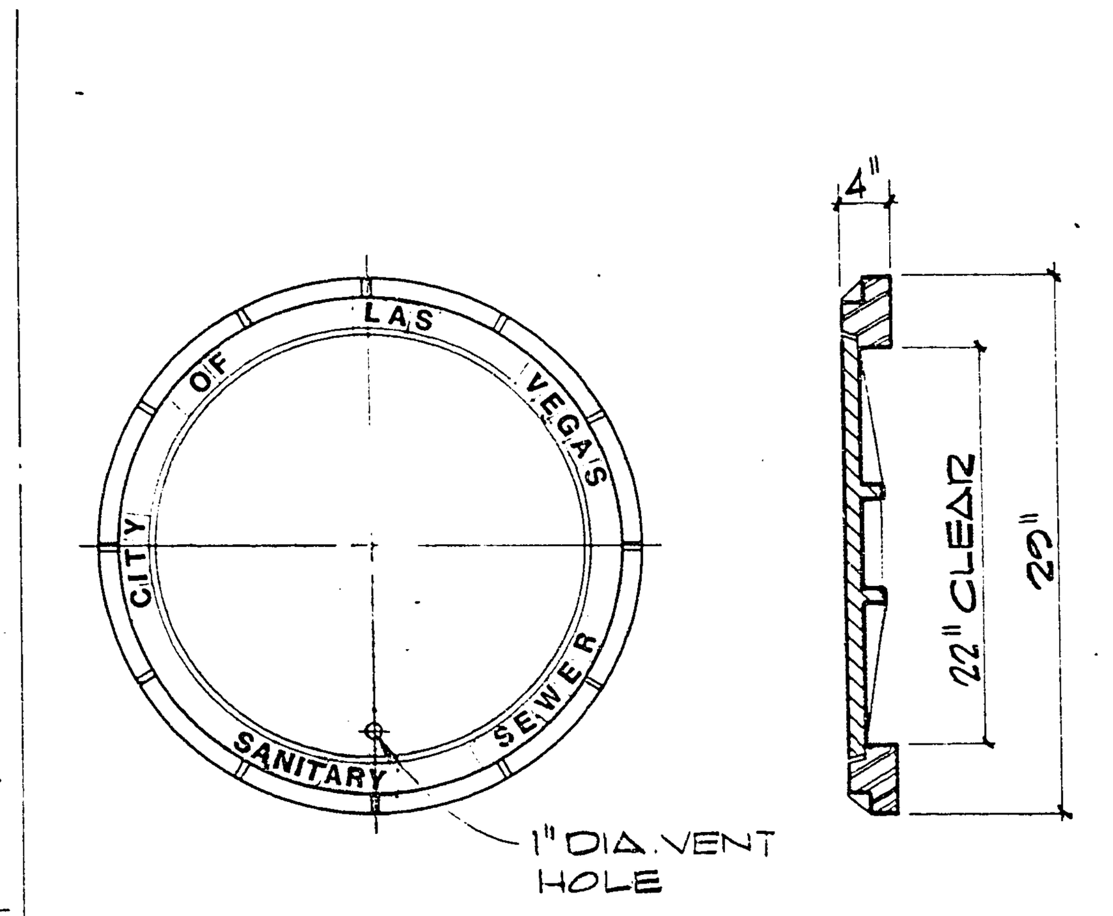
6' I.D. FLAT TOP MANHOLE (5/49)



STD. M.H. STEP DETAIL (4/49)



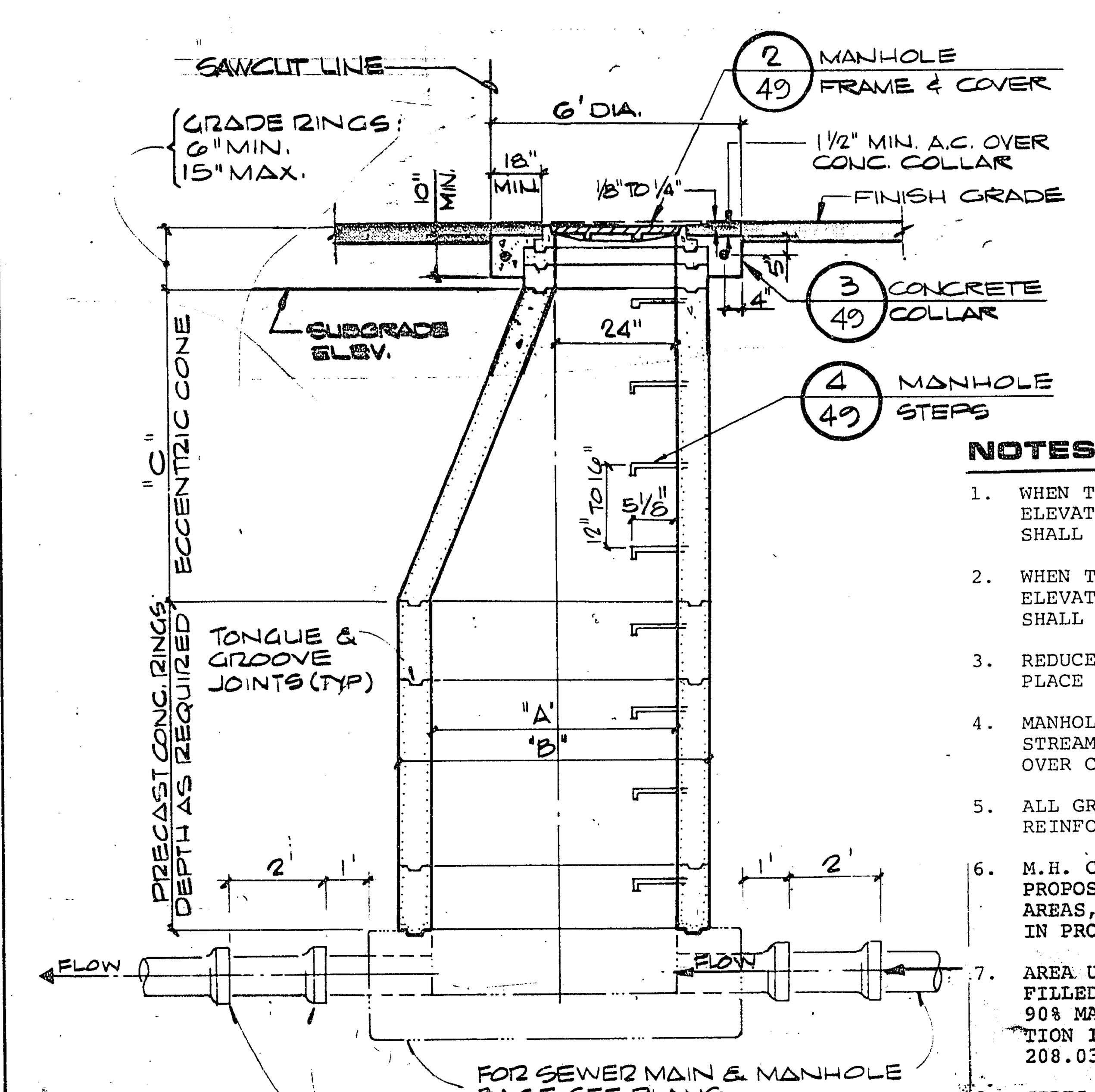
CONC. COLLAR DETAIL (3/49)



NOTES:

1. CAST IRON SHALL HAVE A MINIMUM TENSILESTRENGTH OF 30,000 LBS./SQ. IN.
2. FRAME AND COVER MACHINED TO FIT.
3. WEIGHT OF FRAME AND COVER TO BE 525 LBS. MIN.
4. FRAME AND COVER TO BE ALHAMBRA FOUNDRY CO. TYPE A-1311 OR SOUTH BAY FOUNDRY TYPE 1311 OR APPROVED EQUAL.

MANHOLE FRAME & COVER DETAIL (2/49)



IF VCP IS USED, JOINTS TO BE LOCATED AS SHOWN (TYP) EA. SIDE OF M.H.

SCHEDULE OF DIMENSIONS

SIZE	"A"	"B"	"C"
48"	48"	60"	36"
60"	60"	72"	58"

NOTES

1. WHEN THE DISTANCE FROM FINISH GRADE TO SUBGRADE ELEVATION IS LESS THAN 15", THE REDUCER CONE SHALL BE INSTALLED AND PLATED OVER.
2. WHEN THE DISTANCE FROM FINISH GRADE TO SUBGRADE ELEVATION IS GREATER THAN 15" THE SHAFT RING SHALL BE PLATED OVER.
3. REDUCER CONE & GRADE RING INSTALLATION WILL TAKE PLACE AFTER A.C. PAVEMENT.
4. MANHOLE FRAME AND COVER SHALL BE LOCATED ON UP STREAM SIDE OF MANHOLE WITH CENTER LINE OF LID OVER CENTER LINE OF PIPE.
5. ALL GRADE RINGS AND SECTIONS SHALL BE PRE-CAST REINFORCED CONCRETE.
6. M.H. COVER TO BE 1/8" TO 1/4" BELOW EXISTING OR PROPOSED STREET FINISHED GRADE. IN UNPAVED AREAS, COVER SHALL BE SET PER ELEVATION SHOWN IN PROFILE DRAWINGS.
7. AREA UNDER MANHOLE SHALL BE OVER-EXCAVATED AND FILLED WITH 12" OF TYPE 2 GRAVEL COMPACTED TO 90% MAX. DENSITY. (IF ADDITIONAL OVER-EXCAVATION IS ORDERED BY ENGINEER, SEE SPECS., SECTION 208.03e).
8. SIDES OF MANHOLED BASES TO BE POURED AGAINST UNDISTURBED EARTH OR FORMED.
9. UNLESS OTHERWISE NOTED, MANHOLED BASES MAY BE POURED ROUND OR SQUARE.

4' I.D. & 5' I.D. MANHOLE (1/49)

REV	DATE	DESCRIPTION
1	4/10/85	"AS BUILT" - NO REVISIONS

R.E. NO. 6218 — MICHAEL D. ROSS, CIVIL — REGISTERED PROFESSIONAL ENGINEER, STATE OF NEVADA

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Department of Public Services
SAHARA - OAKEY SEWER INTERCEPTOR
TYPICAL DETAILS & MANHOLE
TYPE "A" DETAILS

SHEET 49 OF 65 SHEETS

AS BUILT DRAWING

JOB NO. 412.140

9/78 DIETERICH-POST 6532B

307-V 563

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