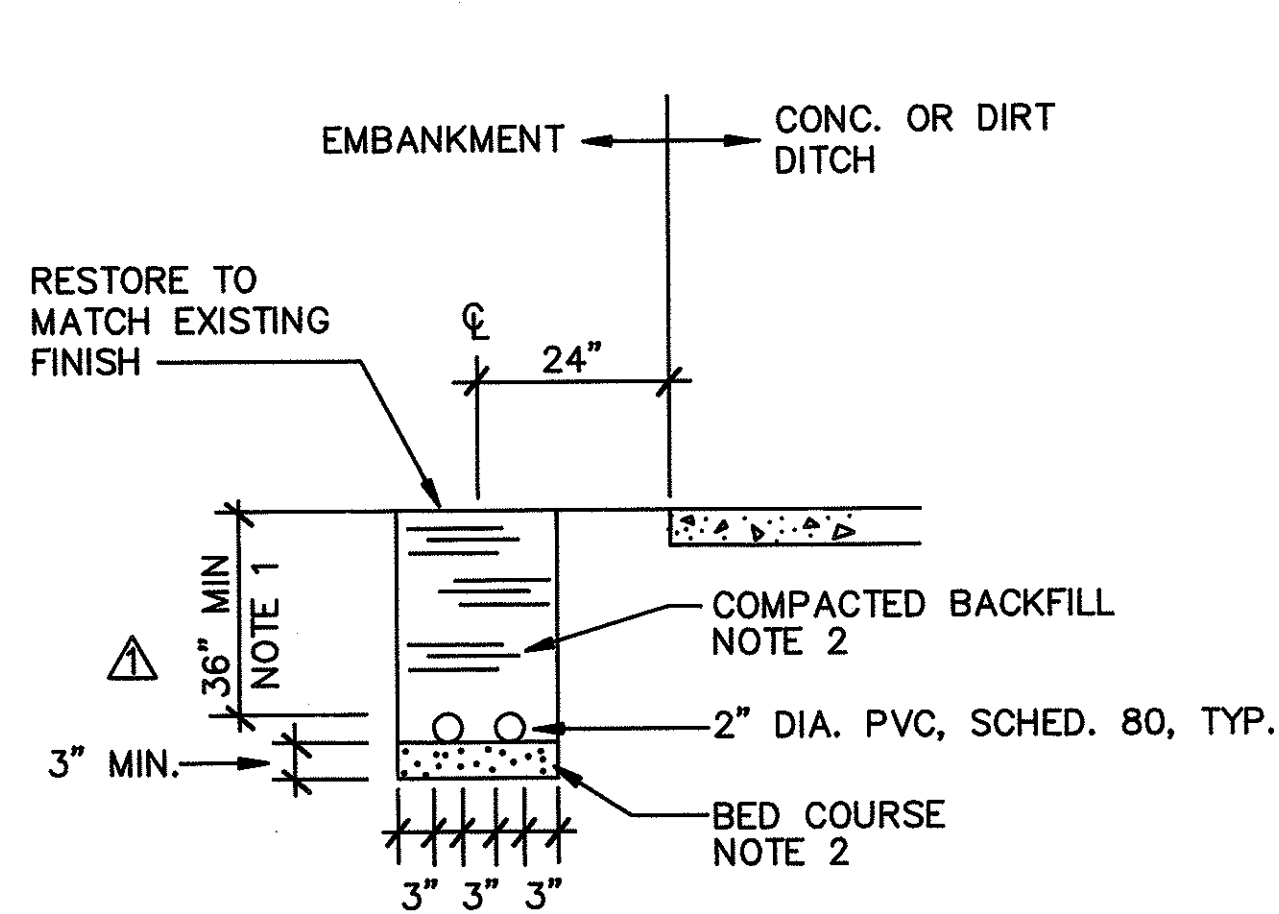
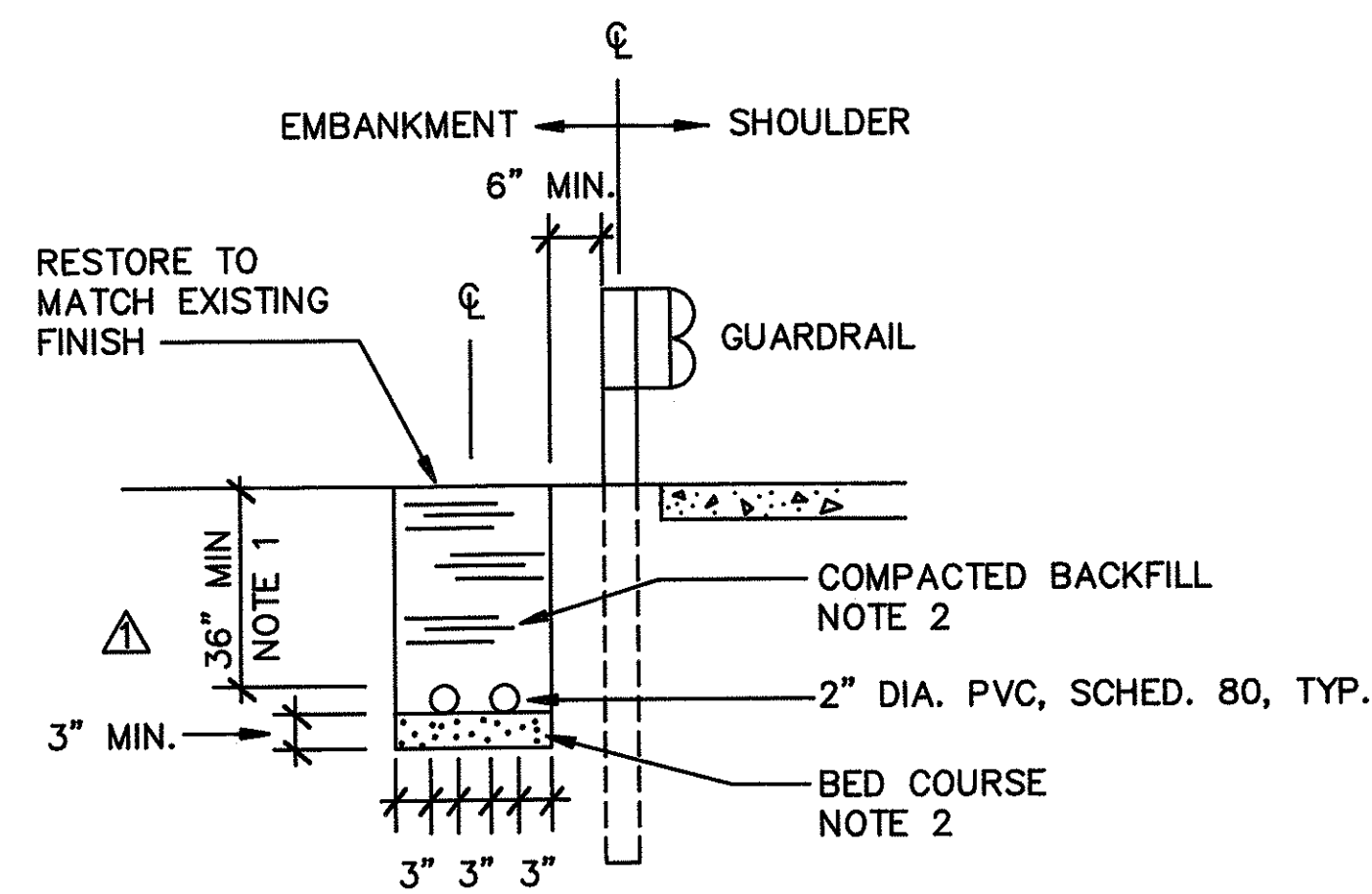


FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	IR-H1-1 (212)	1992	18	29



AA
E-12
TYPICAL DUCT SECTION
NOT TO SCALE



BB
E-12
TYPICAL DUCT SECTION
NOT TO SCALE

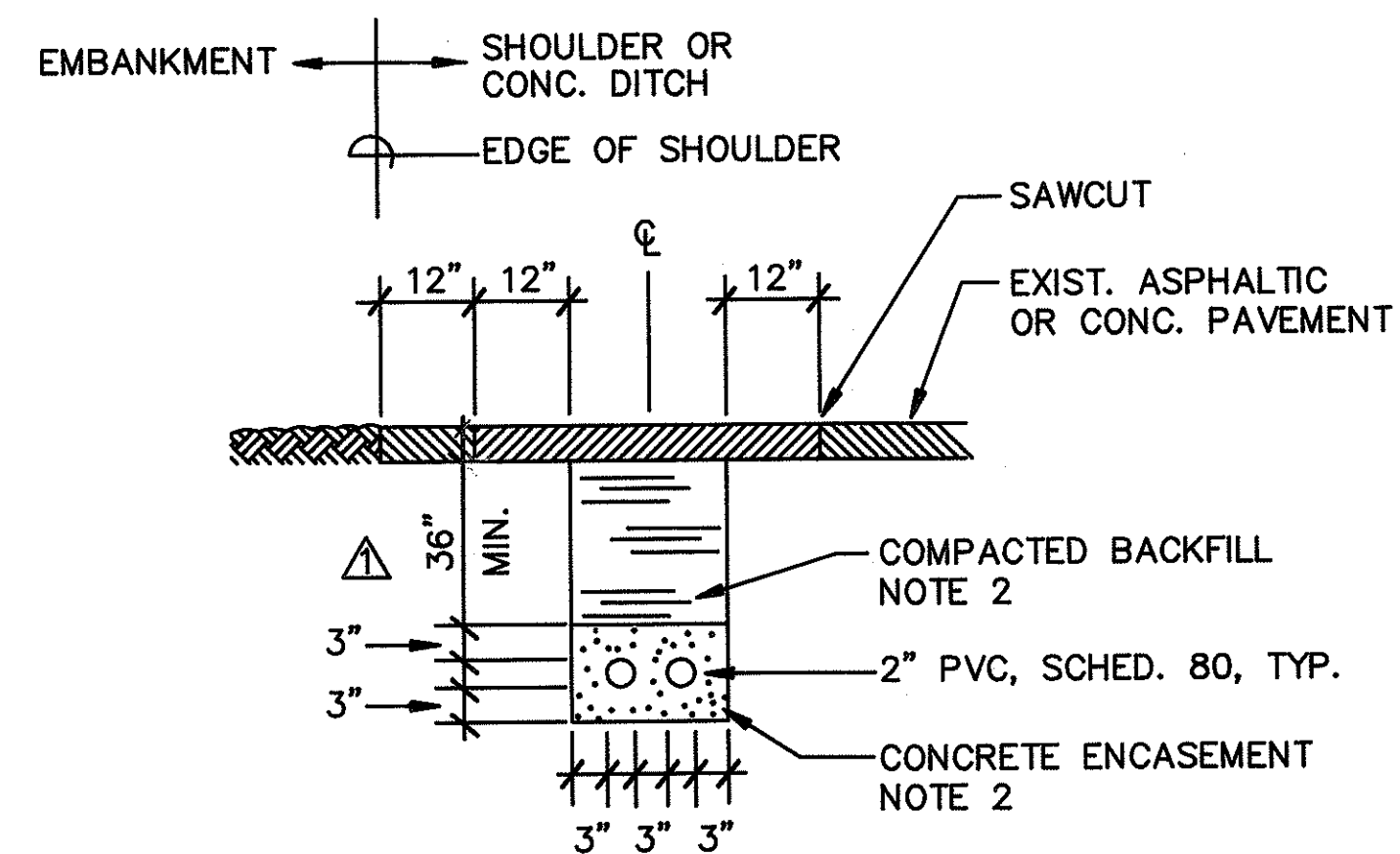
NOTES:

- IF EXISTING CONDITIONS DO NOT ALLOW A BURIAL DEPTH OF 36" (TO TOP OF CONDUIT) FOR "DIRECT BURIED" CONDUITS, PROVIDE CONCRETE ENCASEMENT SIMILAR TO DETAIL

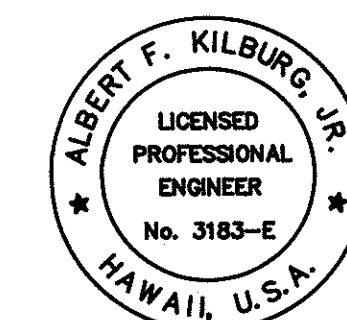
B
E-16

- COMPACTED BACKFILL AND BED COURSE MATERIAL SHALL BE AS INDICATED ON DET.

A
E-16



EE
E-12
TYPICAL DUCT SECTION
NOT TO SCALE



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

E-12

DVM JOB No.: 89104
CAD FILE No.: 89104E12-A1

7/6/92
REVISE NOTES 1 AND 2
REVISE BURIAL DEPTH TO 36".

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DUCT DETAILS

INTERSTATE ROUTE H-1
KUNIA I.C. TO WAIAWA I.C.
PROJECT No. IR-H1-1(212)

SCALE: AS NOTED

SHEET No. 8 OF 18 SHEETS

ADD. 18