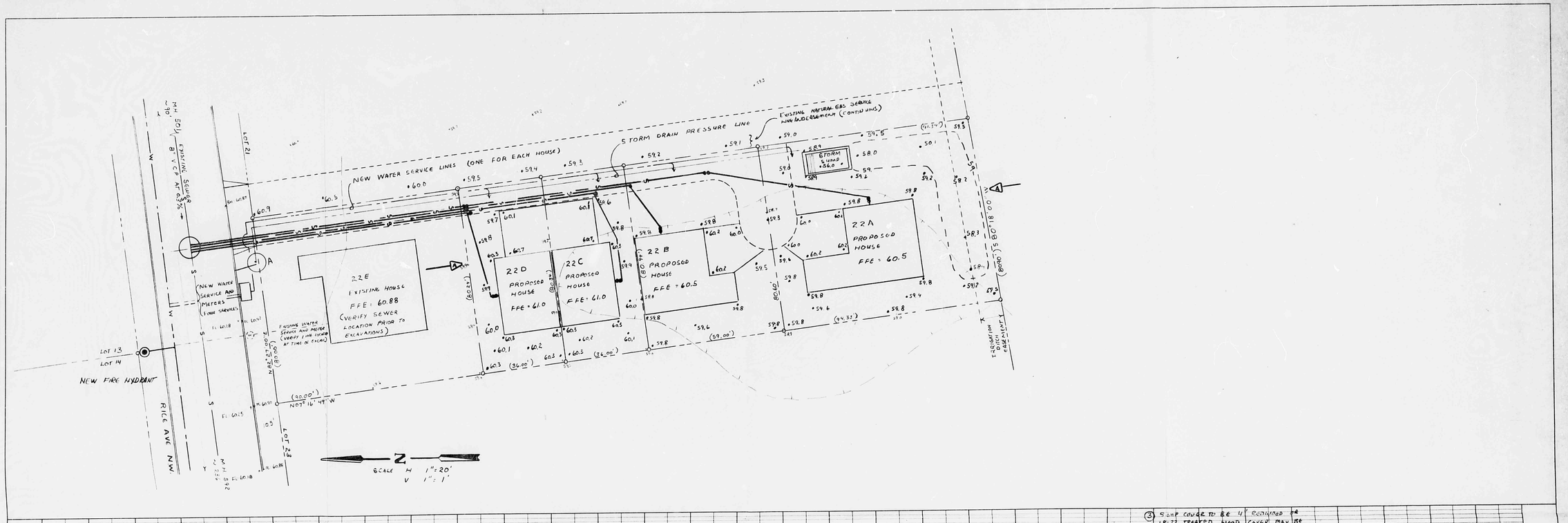
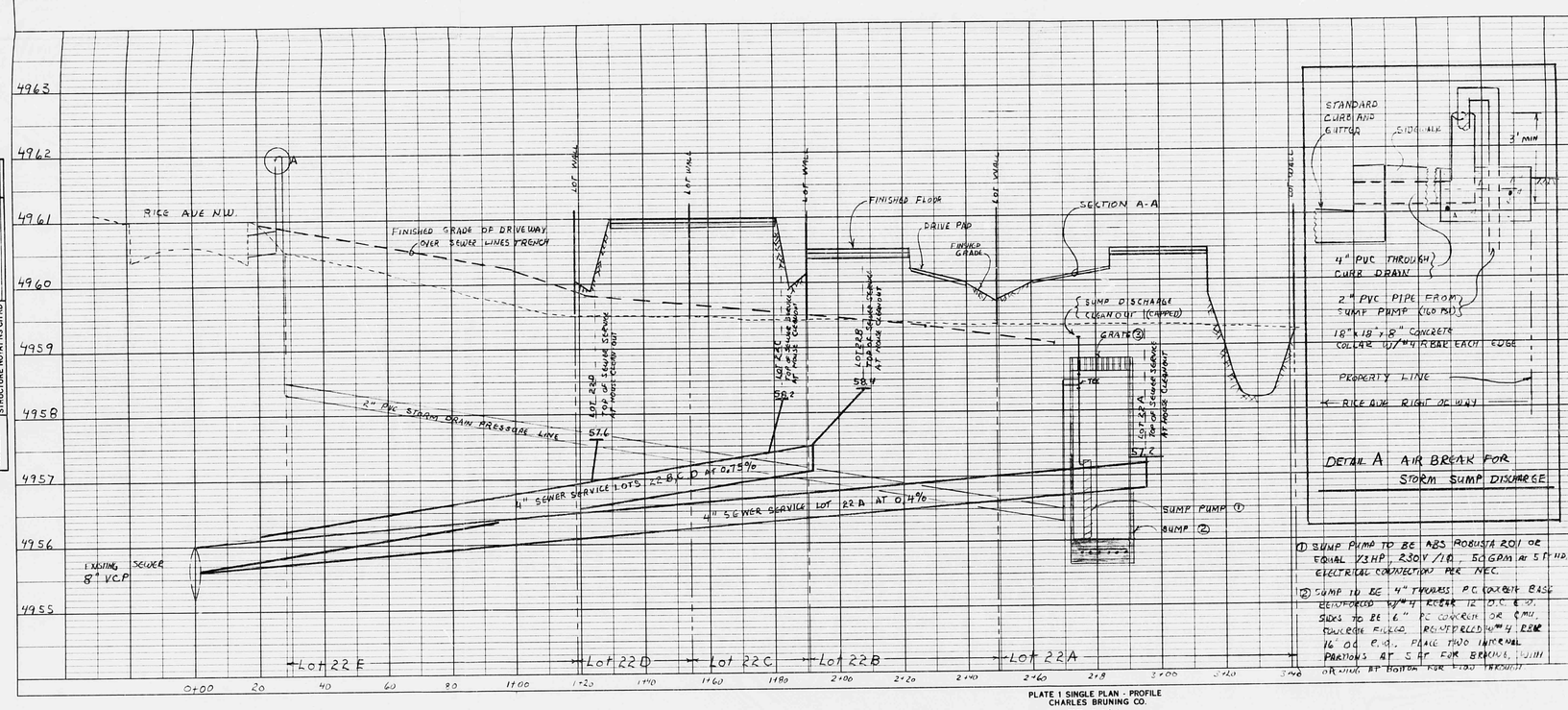
HYDROLOGY

H13/D14
2 PLANS

H13/D14

2 Plans





DETAIL A AIR BREAK FOR STORM SUMP DISCHARGE

① SUMP PUMP TO BE ABS ROBUSTA 201 OR EQUAL 1/3 HP, 230V/1Ø, 50 GPM AT 5' HD. ELECTRICAL CONNECTION PER NEC.

② SUMP TO BE 4' DIAMETER, P.C. CONCRETE BASE REINFORCED W/ #4 REBAR 12" O.C. E.W. SIDES TO BE 6" P.C. CONCRETE OR 8" MIN. CONCRETE FILLED. REINFORCED W/ #4 REBAR 16" O.C. E.W. PLACE TWO INTERNAL PARTIONS AT 5' AT FOR BRACING, WITH ORIFICE AT BOTTOM FOR FLOW THROUGH

③ SUMP COVER TO BE 4' SQUARE OF LP-22 TREATED WOOD, COVER MAY BE LAMINATED OF 2" STOCK. GRATE OPENINGS MAY BE FABRICATED INTO THE WOOD. ALL COVERS AND GRATES TO BE BOLTED FAST AND SECURED TO PREVENT CHILDREN FROM REMOVING COVER AND GRATE TO CARRY LIGHT VEHICLE TRAFFIC WITHOUT HARM.

④ SUMP PUMP AND ASSOCIATED ELECTRICAL CIRCUIT AND PIPING TO BE COVERED BY A BURIAL COVENANT WHICH COVERS OPERATING AND MAINTENANCE COSTS.

MARVIN R. KORTUM NEW MEXICO 6519 REGISTERED PROFESSIONAL ENGINEER

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(505) 299-0774

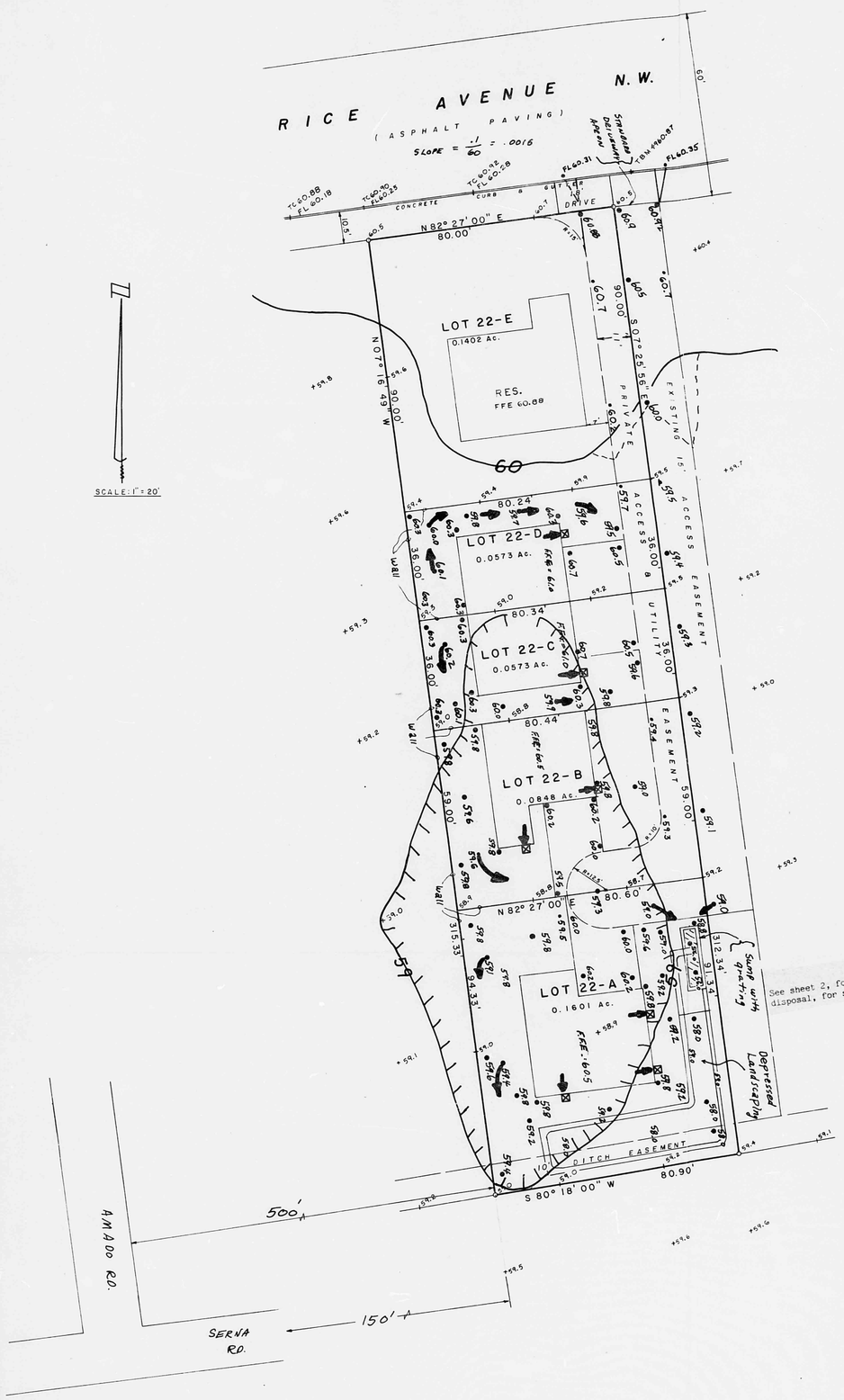
LOT 22 (22A, 22B, 22C 22D 22E)
RICES DURANES ADDITION No 1
RICE AVE N.W.
SEWER SERVICE WATER SERVICE AND STORM DRAIN DISCHARGE
OCT 10, 1984
SHEET 2 of 2

PLAN		BY	DATE
NOTE BOOK NO.	SURVEYED. PLOTTED. DRAWN. ALIGNMENT CHECKED. RT. OF WAY CHECKED.		

PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED. PLOTTED. DRAWN. CHECKED. B.M. NOTED. STRUCTURE NOTATING CHKD.		

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
MADE IN U.S.A.

RECEIVED
OCT 11 1984
DESIGN HYDROLOGY SECTION



See sheet 2, for water, sewer and storm drain disposal, for sump and drain details.

LEGAL DESCRIPTION

Lot numbered Twenty-Two (22) of the Plat of RICE'S DURANES ADDITION, NO. 1, as the same is shown and designated on said plat thereof filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 12, 1939.

LEGEND

Original elevations +59.7
New elevations, finishing grading • 59.8
New finished floor elevations FFE = 61.0
Existing contour lines
New contour lines ---
Roof slope →
Downspout and splashback ⊠
Finished grade swale

GRADING AND DRAINAGE NOTES

1. Sump shall permit free drainage into sump without ponding or collecting of water along the outer edges.

2. Depressed landscaping may be any vegetation, gardening, hard stand or other use common to residential use. Depressed area may not be used for ground level storage, trash or waste disposal.

ALL ELEVATIONS ARE TO ALBUQUERQUE CITY DATUM

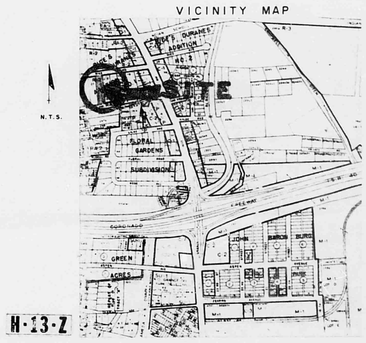
BENCHMARK USED: "2-H13"

LOCATION: THE INTERSECTION OF RIO GRANDE BLVD. AND INDIAN SCHOOL RD. N.W. IN THE NORTHEAST QUADRANT OF THE INTERSECTION

BENCHMARK DESCRIPTION: A SQUARE ⊠, CHISELED ON TOP OF CONCRETE CURB AT THE NNE CURB RETURN

ELEVATION: 4961.458

VICINITY MAP



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HYDROLOGY SECTION

MARVIN R. KORTUM NEW MEXICO 6519 REGISTERED PROFESSIONAL ENGINEER

Lot 22 (22-A, 22-B, 22-C, 22-D, 22-E)
RICE'S DURANES ADD. No. 1
GRADING AND DRAINAGE PLAN
Sheet 1 of 2

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