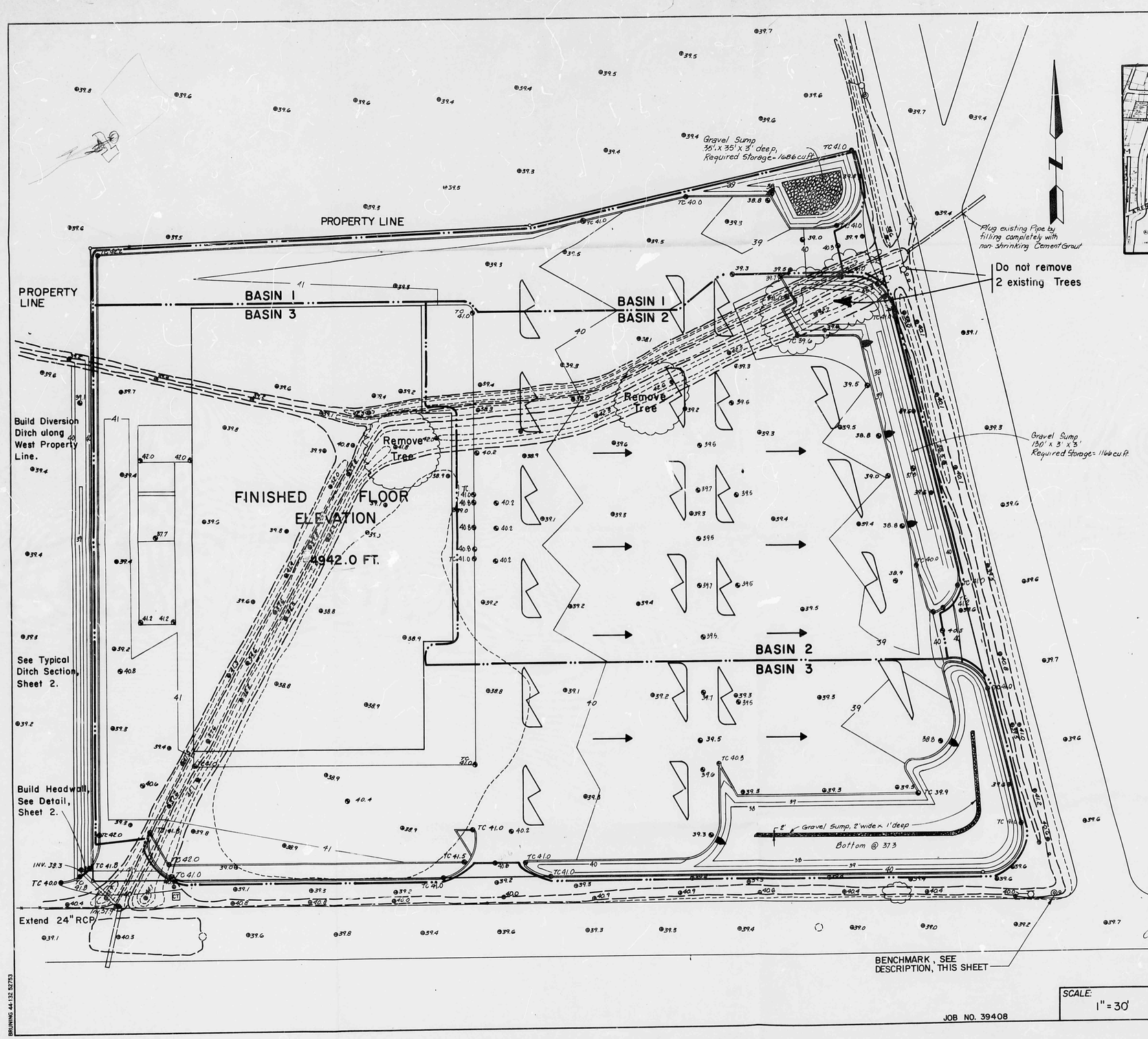
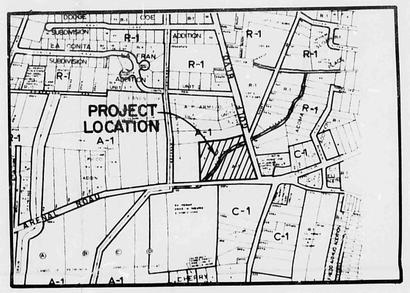
HYDROLOGY

M12/D1
TWO PLANS

M 12/D1

2 Plans





VICINITY MAP
ZONE ATLAS NO. M-12-Z

LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- 38.7 PROPOSED SPOT ELEVATION
- 40.1 EXISTING SPOT ELEVATION
- TC 40.3 PROPOSED TOP OF CURB ELEVATION
- PROPOSED CURB AND GUTTER
- FLOW DIRECTION
- PROPOSED DRAINAGE DIVIDE
- CURB-CUT RUNDOWN
- PROPERTY LINE

AS-BUILT INFORMATION		
CONTRACTOR		
WORK STAKED BY		DATE
INSPECTOR'S ACCEPTANCE BY		DATE
VERIFICATION BY		DATE
CONTRACTOR CERTIFIED BY		DATE
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS	
CHISELED "+" ON THE SOUTH BONNET BOLT OF FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF ARENAL ROAD AND GOFF ROAD. ELEVATION = 4941.48	

SURVEY INFORMATION		
NO.	BY	DATE

REFERENCES	
MAP NO.	
EST. NO.	
W.O. NO.	

NO.	DATE	REMARKS	BY
REVISIONS			

DESIGN		
DESIGNED BY	JD	DATE 6/83
DRAWN BY	PE	DATE 6/83
CHECKED BY	JD	DATE 6/83

PLATE I

PREPARED UNDER THE DIRECTION OF James Domenici 6/9/83

SMITH'S MANAGEMENT CORP.
SALT LAKE CITY, UTAH

TITLE: DRAINAGE PLAN
SMITH'S FOOD AND DRUG # 428

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE

PROJECT NUMBER 428

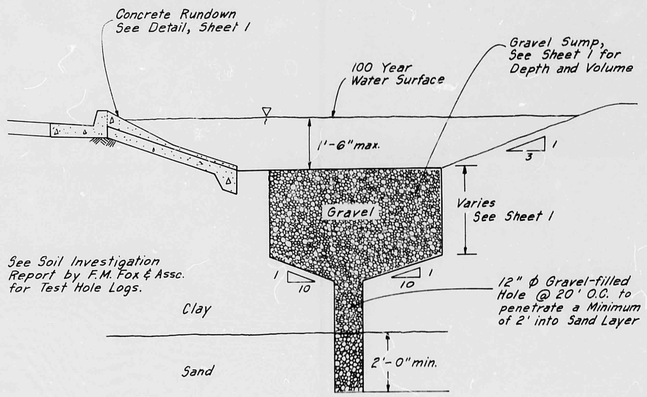
DRAWING NO.

SHEET 1 OF 2

SCALE: 1" = 30'

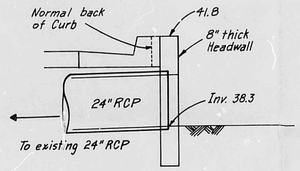
JOB NO. 39408

BRUNING 44-132 52753



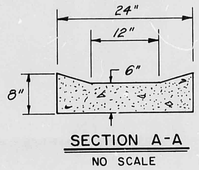
TYPICAL POND SECTION

NO SCALE



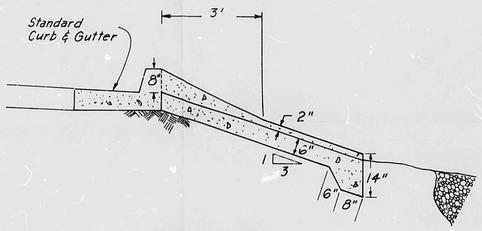
SECTION C-C

NO SCALE



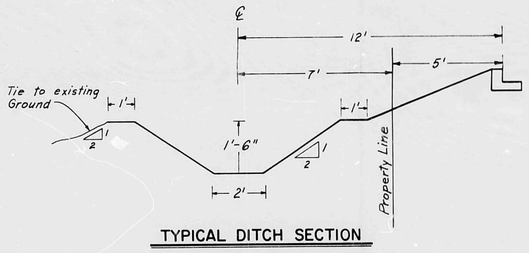
SECTION A-A

NO SCALE



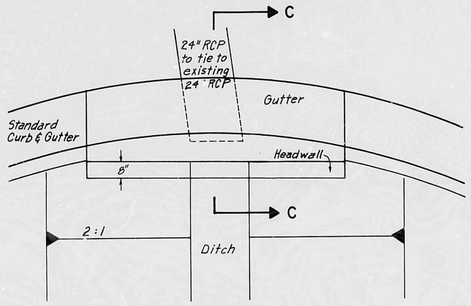
SECTION B-B

SCALE: 1/2" = 1'-0"



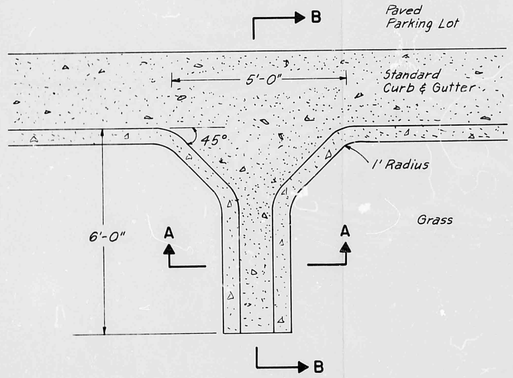
TYPICAL DITCH SECTION

NO SCALE



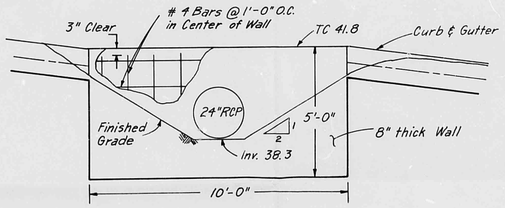
PLAN

NO SCALE



CURB-CUT RUNDOWN DETAIL

SCALE: 1/2" = 1'-0"



ELEVATION

HEADWALL DETAIL

NO SCALE

NOTES:

1. The existing irrigation ditch through the site shall be abandoned and obliterated. The contractor shall backfill the ditch by placing material at optimum moisture content (±2%) and compacting it to a minimum of 95% of maximum density. Refer to the subsurface investigation report by F M Fox & Associates for additional information.
2. Sump volumes shown on this sheet are based on a 50% porosity for the gravel/cobble mix. If the mix used has a different porosity, the volumes shall be adjusted accordingly.
3. Pavement subgrade shall be compacted to 95% of maximum density as determined by ASTM D-1557.

AS-BUILT INFORMATION

CONTRACTOR — DATE
STAKED BY — DATE
INSPECTIONS
FIELD VERIFICATION BY — DATE
FIELD
RECORDED BY — DATE
DRAWINGS
CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

A.C.S. BENCHMARK: STATION "COMMUNITY".
A STANDARD USC&GS BRASS CAP LOCATED ALONG THE EAST EDGE OF THE SOFTBALL FIELD AT THE WEST SIDE COMMUNITY CENTER 1.7 FEET INSIDE THE FENCE.
ELEVATION: 4937.32

SURVEY INFORMATION

NO.	BY	DATE

REFERENCES

MAP NO.
EST. NO.
W.O. NO.

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY JD DATE 6/83
DRAWN BY UK DATE 6/83
CHECKED BY JD DATE 6/83

PLATE II

PREPARED UNDER THE DIRECTION OF
James Domenici
6/d/83

SMITH'S MANAGEMENT CORP.
SALT LAKE CITY, UTAH

TITLE: DRAINAGE PLAN
SMITH'S FOOD AND DRUG # 428

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE

DRAWING NO.

SHEET 2 OF 2

PROJECT NUMBER
428

SCALE:
AS SHOWN

JOB NO. 39408

BRUNING 44-132 52753