FHWA REGION	STATE	PROJ NO	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ		1		

LENGTH OF PROJECT
Sta. 9+33.7 to Sta. 56+05.6 (University)
Sta. 5+99.0 to Sta. 13+92.6 (40TH St.)
5,465.5 L.F. = 1.0351 Miles

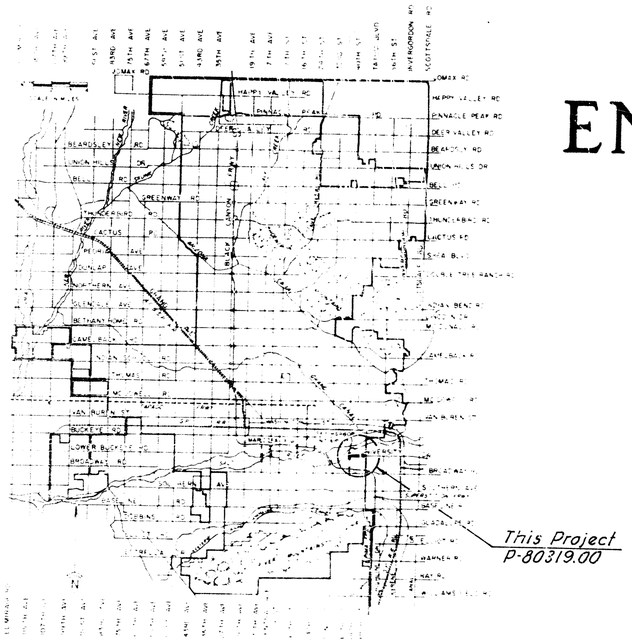
CITY OF PHOENIX
ENGINEERING DEPARTMENT
DIVISION OF DESIGN

P-809335

UNIVERSITY DRIVE
40TH ST. TO 48TH ST.

ST-803197

40TH ST. STORM DRAIN



VICINITY MAP

MAYOR

MARGARET HANCE

CITY COUNCIL

HOWARD ADAMS
CALVIN C. GOODE
ED KORRICK
KEN O'DELL
BARRY STARR
JIM WHITE

CITY MANAGER — MARVIN A. ANDREWS
CITY ENGINEER & SUP'T. OF STREETS — JAMES E. ATTEBERY
CITY TRAFFIC ENGINEER — DONALD C. MORGAN

APPROVED _____ DEPUTY CITY ENGINEER, DESIGN — 11/17/82 DATE

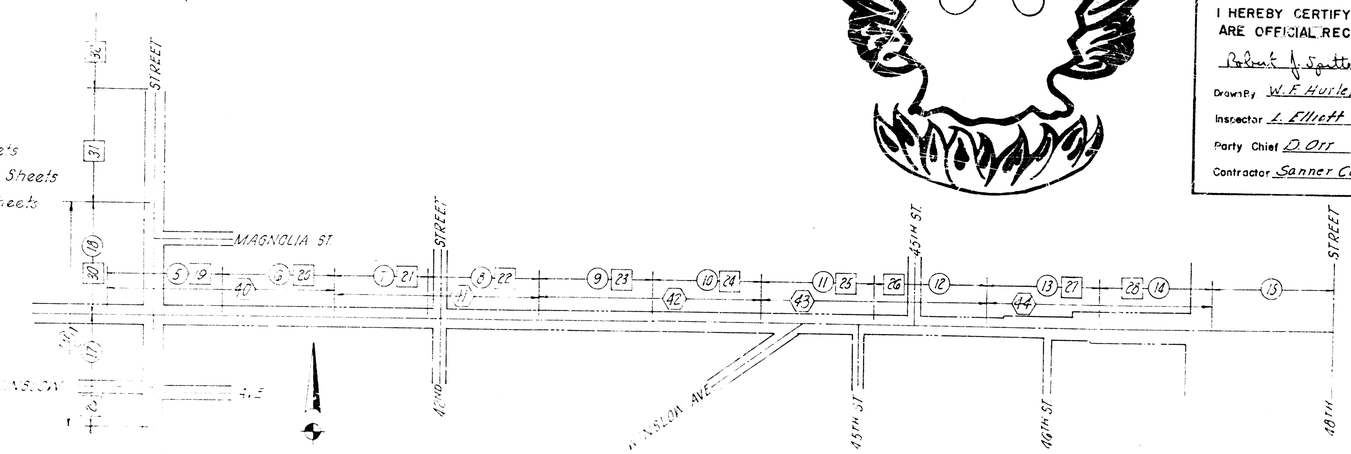
APPROVED _____ CITY TRAFFIC ENGINEER — 11-12-82 DATE

I HEREBY CERTIFY THAT THESE ARE OFFICIAL RECORD DRAWINGS
_____ 10-28-83 DATE
Drawn By W.F. Hurley
Inspector L. Elliott
Party Chief D. Orr
Contractor Sanner Contr. Co.

INDEX OF SHEETS

Sheet No. 1	This Sheet, Key Map and Index
Sheet No. 2	Legend and Note Sheet
Sheet No. 2A	Roadway Summary Sheet
Sheet No. 3	Roadway Sections and Misc.
Sheet No. 4	Alternate Pipe Table
Sheet No. 5 to 18	Paving Plan and Profile Sheets
Sheet No. 19 to 32	Storm Drain Plan and Profile Sheets
Sheet No. 33 to 36	Storm Drain Connection X-Sections
Sheet No. 37	Intersection Details
Sheet No. 38 & 39	Traffic Signals
Sheet No. 40 to 45	Landscape plan sheets
Sheet No. 46 to 48	Landscape details
Sheet No. 49	Salt River Project Manhole Detail

(13) Paving Sheets
[27] Storm Drain Sheets
⟨5⟩ Landscape Sheets



KEY MAP

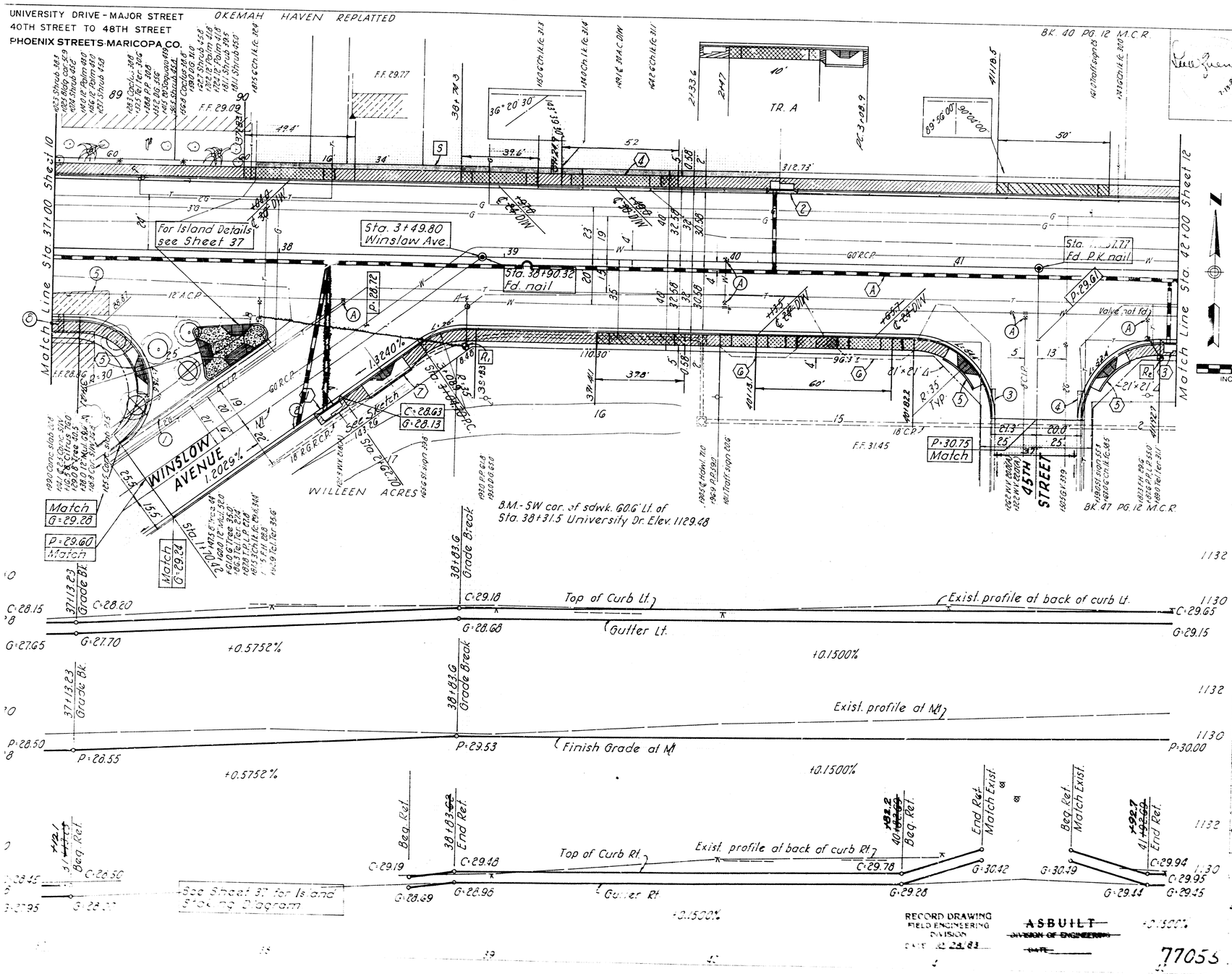
LOG NUMBER

77044

J263-1100

DIN 60696-1

UNIVERSITY DRIVE - MAJOR STREET
40TH STREET TO 48TH STREET
PHOENIX STREETS-MARICOPA CO.



F.H.W.A. REGION	STATE	PROJ. NO.	SHEET TOTAL NO. SHEETS	AS BUILT
9	ARIZ.			

HOOK ENGINEERING, INC.
CONSULTING ENGINEER

DES.	DR.	CK.	DATE

S Saw cut & match existing pvmt.
R1 Relocate Fire Hyd. by City. 40.0' Rt. of Sta. 38+83.6
R2 Relocate Fire Hyd. by City. 38.5' Rt. of Sta. 41+93.0

REMOVAL NOTES

1. Saw cut & remove 80 L.F. of conc. C.&G.
2. Saw cut & remove 136 L.F. of conc. C.&G.
3. Saw cut & remove 13 L.F. of conc. C.&G.
4. Saw cut & remove 14 L.F. of conc. C.&G.
5. Remove 269 S.F. of conc. slab & sdwk.
6. Remove 75 S.F. of Conc. S/W Extra

INCH SCALE

1079 S.F. Asph Per Sht.

CONSTRUCTION NOTES

4. Depress back of D/W entrance 0.2'
5. C. of P. Det. P-1234, Type "B" S/W Ramp
6. Grade D/W per C. of P. Det. 1164
7. C. of P. Det. P-1235, Type "C" S/W Ramp.

CATCH BASIN & PIPE CONNECTION

No.	Station	Sht.	Type	Size & L.F.
1	38+22.0 Rt.	35	P-1569, M-1, L-6	15" × 68' 785
2	40+20.0 Lt.	35	P-1569, M-1, L-6	15" × 37' 35
3	41+96.5 Rt.	36	P-1569, M-1, L-6	15" × 29'

SHEET SUMMARY

Curb and Gutter, Det. 220-A 1085 L.F.
Sidewalk, Det. 230 3438 S.F.
Driveway Entrance, Det. 250 Mod. 910 S.F.
Survey Monument, Det. 120-1-B 2 Ea.
Valve Box Installation, Det. 391-1-A 7 Ea.
Median Island Paving 490 S.F.

3 See Sht. 43 for Landscape Plan
4 See Sht. 25 for S.D. Plan & Profile

PAVING

CITY OF PHOENIX, ARIZONA
ENGINEERING DEPARTMENT

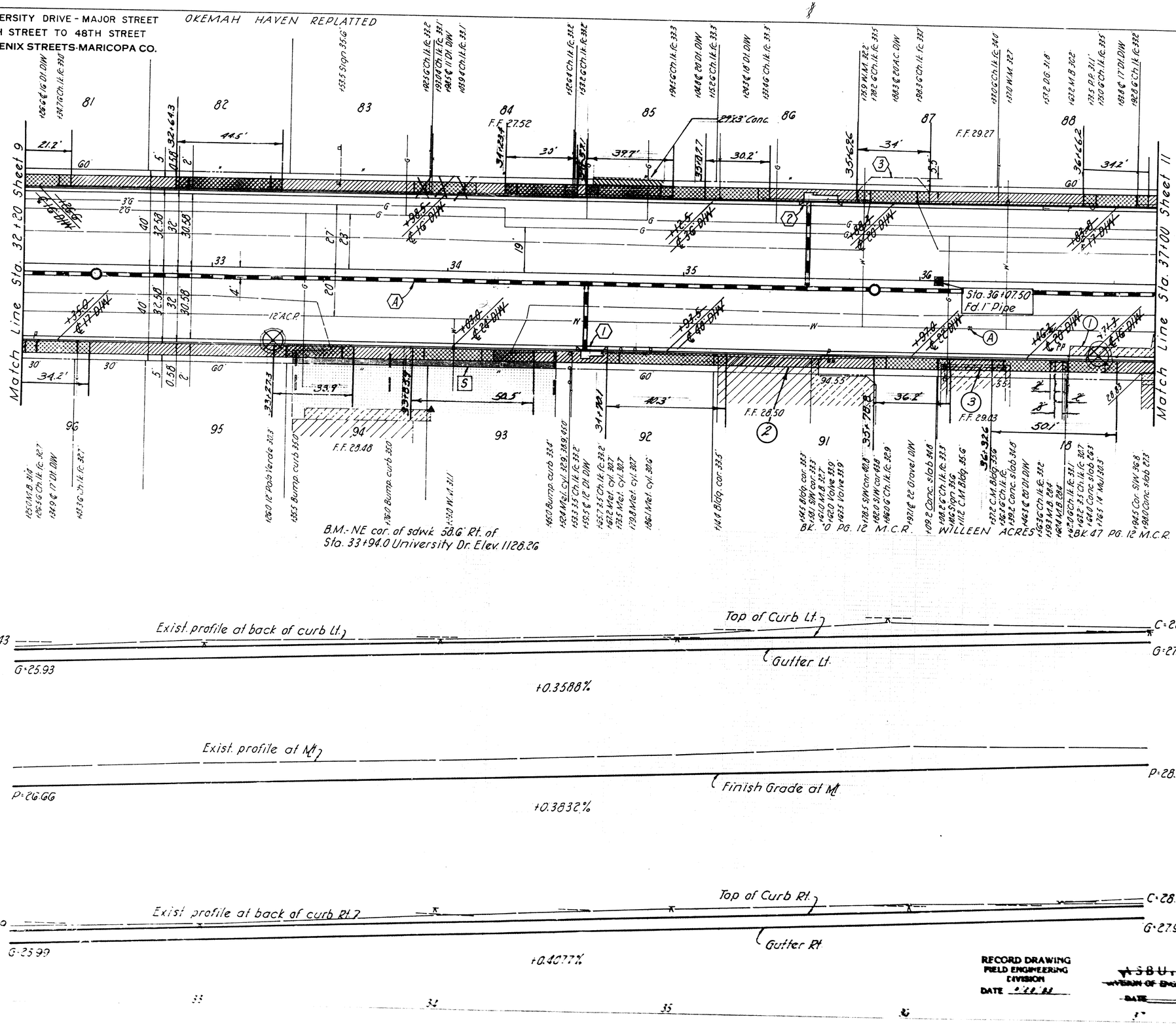
UNIVERSITY DRIVE PAVING
40TH STREET TO 48TH STREET
P-80319.00

RECORD DRAWING
FIELD ENGINEERING DIVISION
DATE 12-28-83

~~ASBUILT~~
~~DIVISION OF ENGINEERING~~
~~DATE~~

77055

UNIVERSITY DRIVE - MAJOR STREET
40TH STREET TO 48TH STREET
PHOENIX STREETS-MARICOPA CO.



F.H.W.A. REGION	STATE	PROJ. NO	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ				

HOOK ENGINEERING, INC. — CONSULTING ENGINEER

DES	DR	CK	DATE

5 Saw cut & match existing pvmt.

REMOVAL NOTES

1. Remove 148 S.F. of Conc. slab.
2. Remove 280 S.F. of Conc. walk
3. Remove 165 S.F. of Conc. walk

1138 S.F. Asph. Pav. Sht

INCH SCALE

CONSTRUCTION NOTES

3. Grade D/W per C. of P. Det. 1164

CATCH BASIN & PIPE CONNECTION

No.	Station	Sht.	Type	Size & L.F.
1	34+58.8 Rt.	34	P-1569, M-1, L-6	15"x~~29'~~ 26
2	35+52.0 Lt.	35	P-1569, M-1, L-10	15"x~~37'~~ 3[illegible]

SHEET SUMMARY

Curb and Gutter, Det. 220-A 929 L.F.
Sidewalk, Det. 230 2940 S.F.
Driveway Entrance, Det. 250 Mod. 1740 S.F.
Survey Monument, Det. 120-1-A 1 Ea.
Valve Box Installation, Det. 391-1-A 1 Ea.

B See Sht. 42 for Landscape Plan.
A See Sht. 24 for S.D. Plan & Profile

PAVING
CITY OF PHOENIX, ARIZONA
ENGINEERING DEPARTMENT

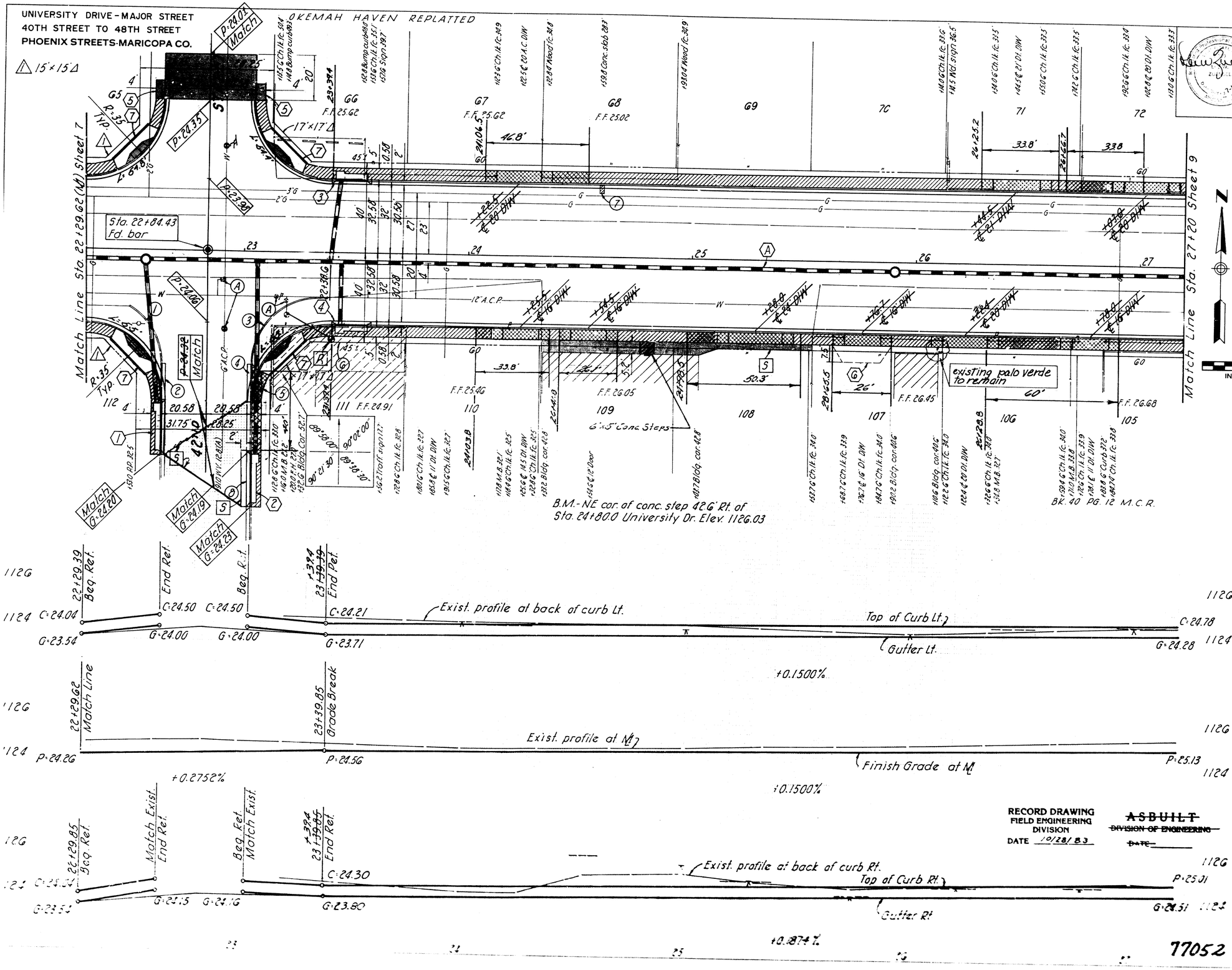
UNIVERSITY DRIVE PAVING
40TH STREET TO 48TH STREET
P-80319.00

RECORD DRAWING
FIELD ENGINEERING
DIVISION
DATE 9-22-82

~~AS BUILT~~
~~DIVISION OF ENGINEERING~~
~~DATE~~

77054

UNIVERSITY DRIVE - MAJOR STREET
40TH STREET TO 48TH STREET
PHOENIX STREETS-MARICOPA CO.



F.H.W.A. REGION	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ				

HOOK ENGINEERING, INC. — CONSULTING ENGINEER

DES | DR | CK | DATE

7-13-82

5 Saw cut & match existing pvmt.

R Relocate Fire Hyd. by City 38.5' Rt. of Sta. 23+40.0

REMOVAL NOTES

1. Remove 32 S.F. of single conc. curb
2. Saw cut & remove ~~37~~ 40 L.F. of conc. C. & G.
3. Remove ~~43~~ 40.6 L.F. of single conc. curb
4. Saw cut & remove ~~76~~ 28 L.F. of conc. C. & G.
5. Saw cut & remove ~~60~~ 72 S.F. of D/W ent.
6. Saw cut & remove conc. slab to property line - ~~508~~ S.F. 515
7. Remove 8 S.F. of conc. slab

INCH SCALE 0 1

CONSTRUCTION NOTES

5. 4'×8' A.C. Termination Ramps
6. Grade D/W per C. of P. Det. 1164
7. C. of P. Det. 1233, Type "A" S/W Ramp

1201 S.F. Asph. Per Sht.

CATCH BASIN & PIPE CONNECTION

No.	Station	Sht.	Type	Size & L.F.	
1	22+60.0 Rt.	34	P-15G9, M-1, L-17	15"×65'	
2	23+07.0 Rt.	34	P-15G9, M-1, L-17	15"×87'	80'
3	23+43.2 Lt.	34	P-15G9, M-1, L-10	15"×37'	
4	23+43.6 Rt.	34	P-15G9, M-1, L-10	15"×~~29~~	27'

SHEET SUMMARY

~~Curb and Gutter, Det. 220-A 948 L.F.~~
~~Sidewalk, Det. 230 3394 S.F.~~
~~Driveway Entrance, Det. 250 Mod. 1353 S.F.~~
~~Survey Monument, Det. 120-1-B 1 Ea.~~
~~Valve Box Installation, Det. 391-1-A 3 Ea.~~
~~(B) See Sht. 41 for Landscape Plan~~
~~(A) See Sht. 22 for S.D. Plan & Profile~~

RECORD DRAWING
FIELD ENGINEERING DIVISION
DATE 10/28/83

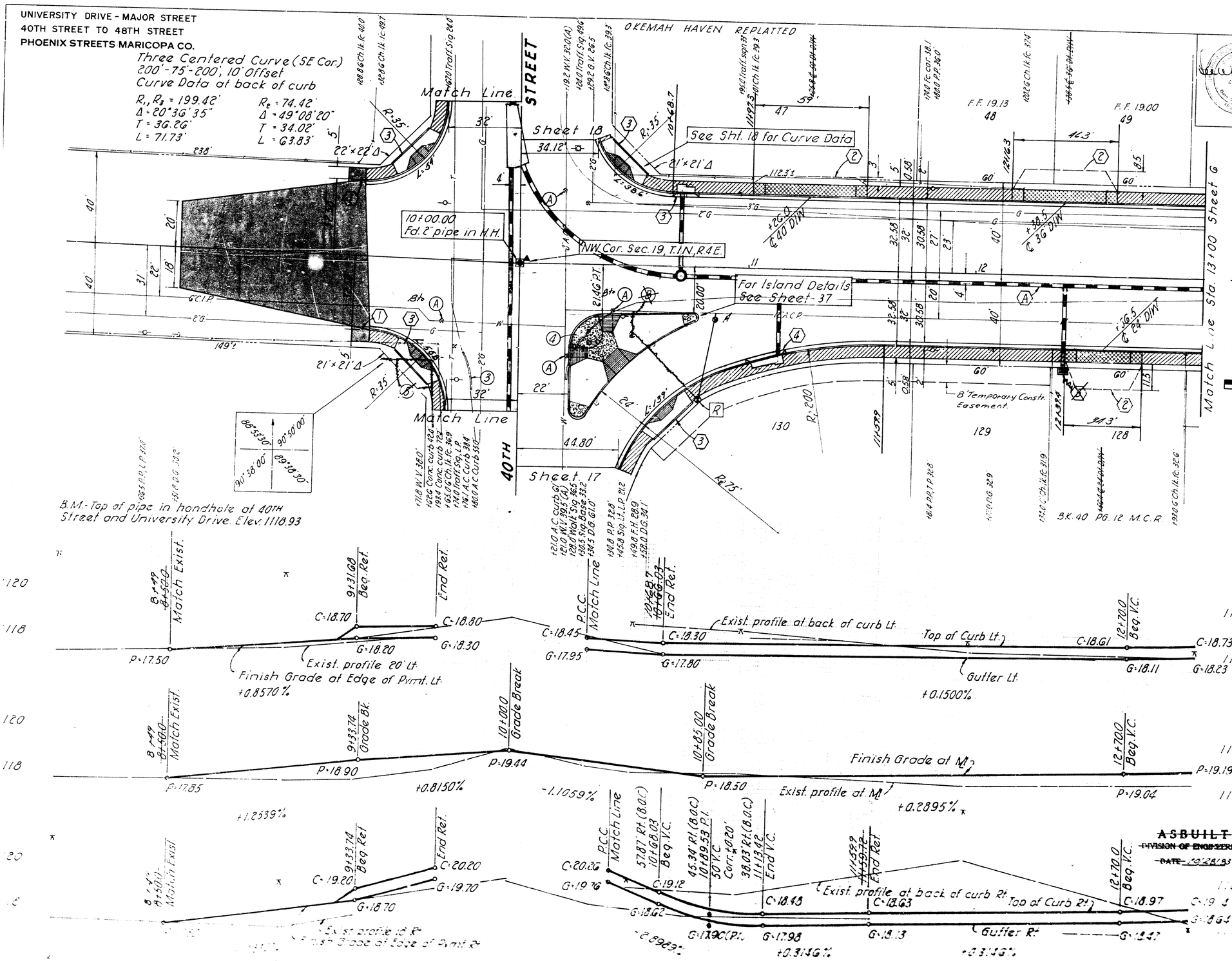
~~ASBUILT~~
~~DIVISION OF ENGINEERING~~
~~DATE~~

PAVING
CITY OF PHOENIX, ARIZONA
ENGINEERING DEPARTMENT

UNIVERSITY DRIVE PAVING
40TH STREET TO 48TH STREET
P-80319.00

49

UNIVERSITY DRIVE - MAJOR STREET
40TH STREET TO 48TH STREET
PHOENIX STREETS MARICOPA CO.



F.H.W.A. REGION	STATE	PROJ. NO	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

HOOK ENGINEERING, INC.
CONSULTING ENGINEER
DES. DR. CK. DATE

R Relocate Fire Hyd. by City 56.5' Rt. of Sta. 10+80.0

REMOVAL NOTES

1
2
3 Remove ~~18~~ 20 L.F. of A.C. curb
4 Remove ~~38~~ 42 L.F. of A.C. curb
5 ~~Saw cut & remove 48 L.F. of conc. curb~~

CONSTRUCTION NOTES

1 Construct ~~X~~ long A.C. Ramp 8.5'x5.6'
2 Grade D/W per C. of P. Det. 1164
3 C. of P. Det. 1233, Type "A" S/W Ramp

CATCH BASIN & PIPE CONNECTION

No.	Station	Sht.	Type	Size	L.F.
3	10+69.8 Lt.	33	P-1569, M-1, L-3	15" x ~~37'~~	34
4	11+13.4 Rt.	33	P-1569, M-1, L-10	15" x ~~35'~~	33
5	12+38.0 Rt.	34	P-1570, Type N	15" x ~~37'~~	36

SHEET SUMMARY

~~Curb and Gutter, Det. 220-A 664 L.F.~~
Sidewalk, Det. 230 2581 S.F.
~~Driveway Entrance, Det. 230 Mod. 650 S.F.~~
Survey Monument, Det. 120-1-A 1 Ea.
Valve Box Installation, Det. 391-1-A 4 Ea.
Valve Box Installation, Det. 391-1-B 1 Ea.
Median Island Paving 1213 S.F.
~~B See Sht. 40 for Landscape Plan~~
~~1 See Sht. 19 for S.D. Plan & Profile~~

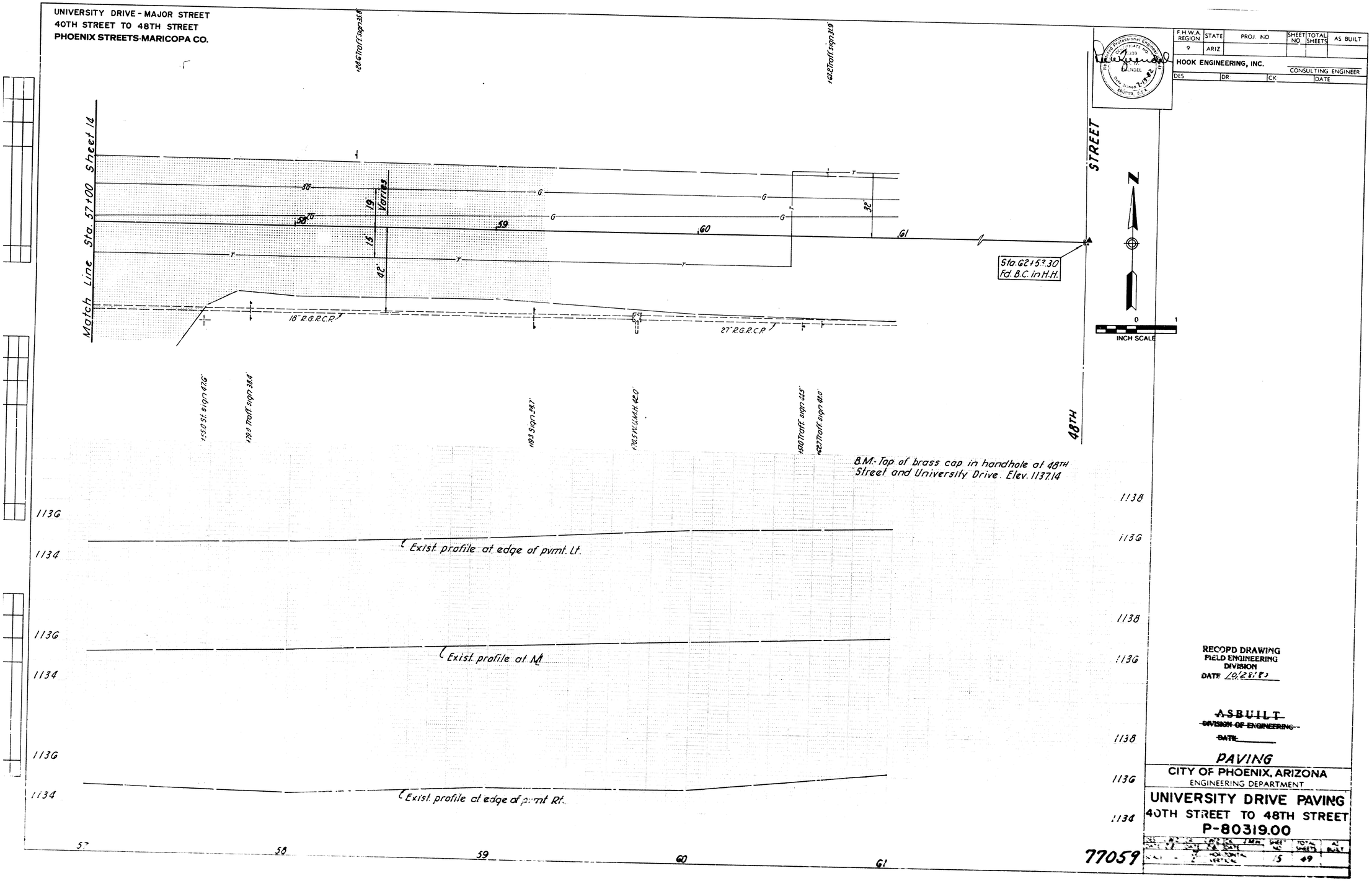
~~ASBUILT~~
~~DIVISION OF ENGINEERING~~
~~DATE 10/28/83~~

PAVING
CITY OF PHOENIX, ARIZONA
ENGINEERING DEPARTMENT

UNIVERSITY DRIVE PAVING
40TH STREET TO 48TH STREET
P-80319.00

77049

UNIVERSITY DRIVE - MAJOR STREET
40TH STREET TO 48TH STREET
PHOENIX STREETS-MARICOPA CO.



F.H.W.A. REGION	STATE	PROJ. NO	SHEET NO	TOTAL SHEETS	AS BUILT
9	ARIZ				

HOOK ENGINEERING, INC.
CONSULTING ENGINEER

DES	DR	CK	DATE

RECORD DRAWING
FIELD ENGINEERING
DIVISION
DATE 10/28/83

~~ASBUILT~~
~~DIVISION OF ENGINEERING~~
~~DATE~~

PAVING

CITY OF PHOENIX, ARIZONA
ENGINEERING DEPARTMENT

UNIVERSITY DRIVE PAVING
40TH STREET TO 48TH STREET
P-80319.00

SHEET NO	TOTAL SHEETS
15	49