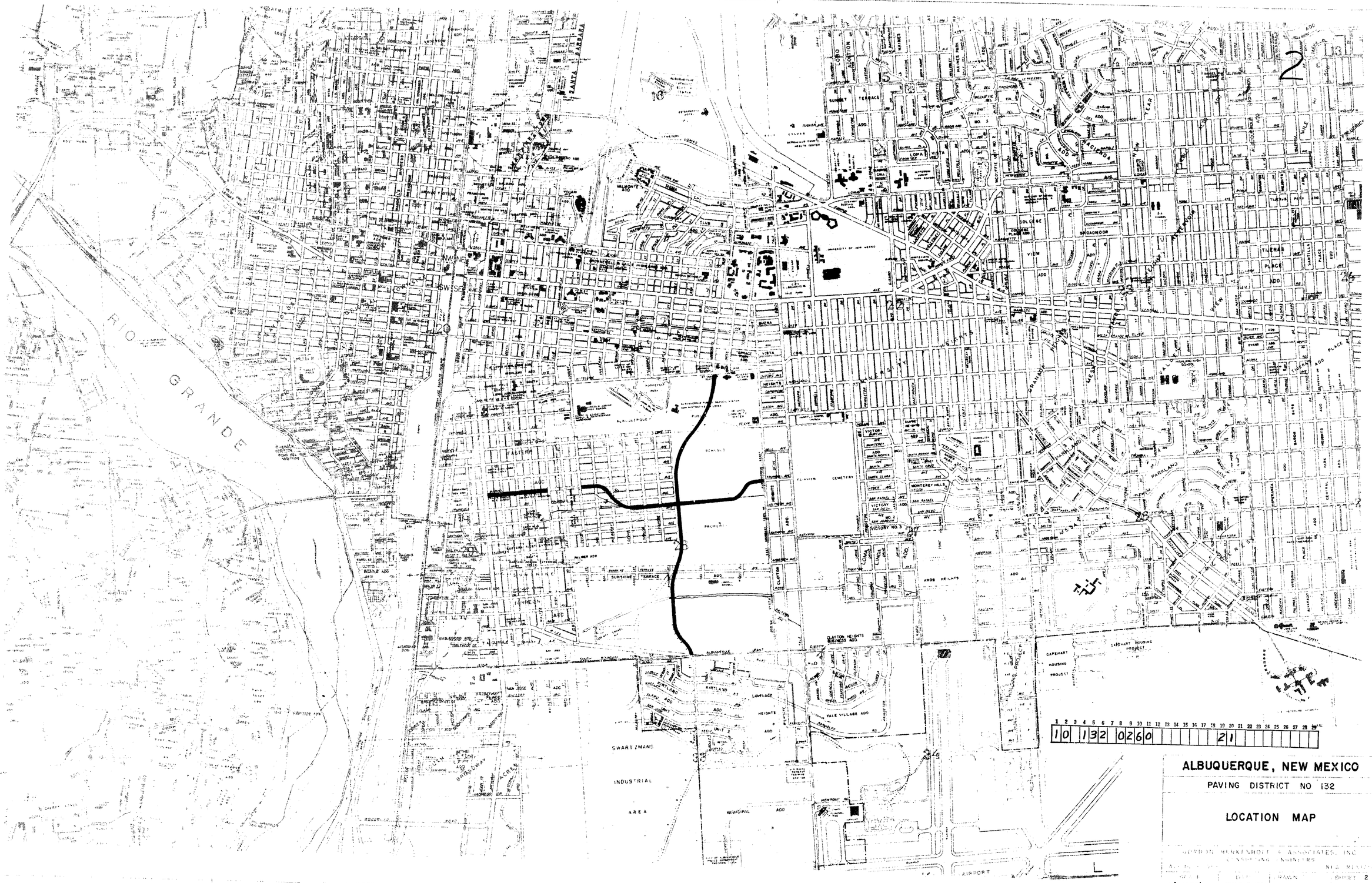


ALBUQUERQUE, NEW MEXICO

PAVING DISTRICT NO 132

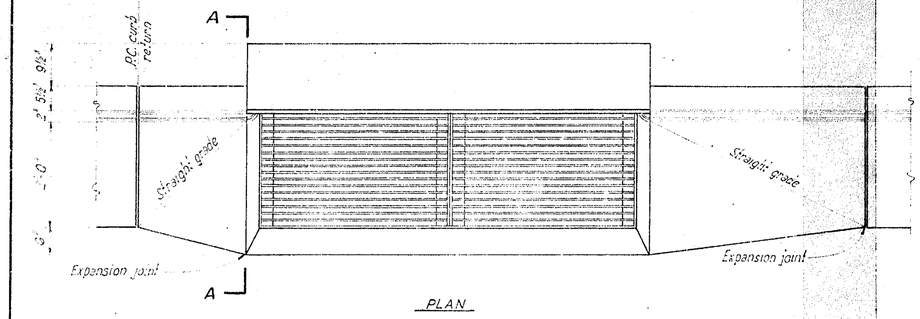
LOCATION MAP

GORDON MONKENBOLT & ASSOCIATES, INC
CONSULTING ENGINEERS

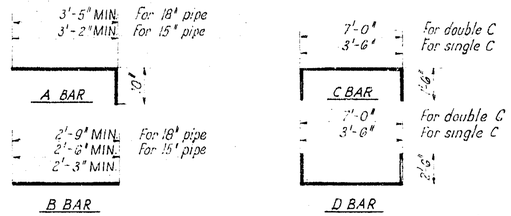
ALBUQUERQUE NEW MEXICO

1" = 1000' OCTOBER 1961 DRAWN CHECKED SHEET 2 OF 9

2



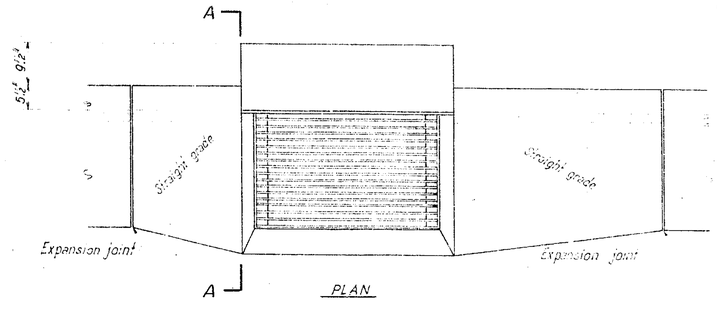
PLAN



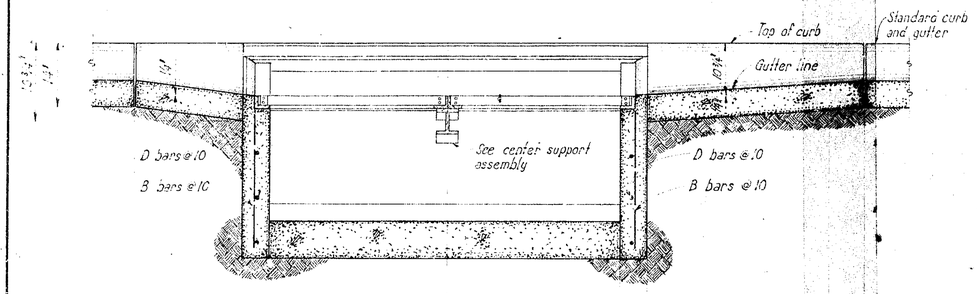
NOTE: All bars to be #4

BAR BENDING DETAILS

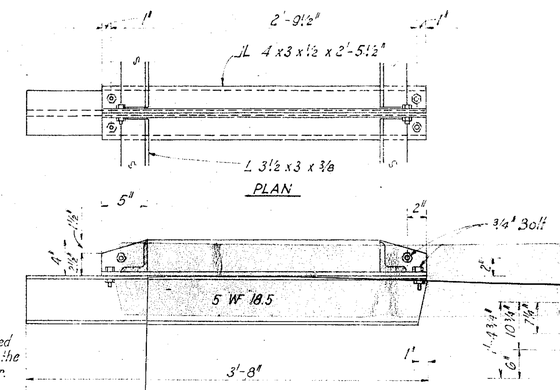
Not to scale

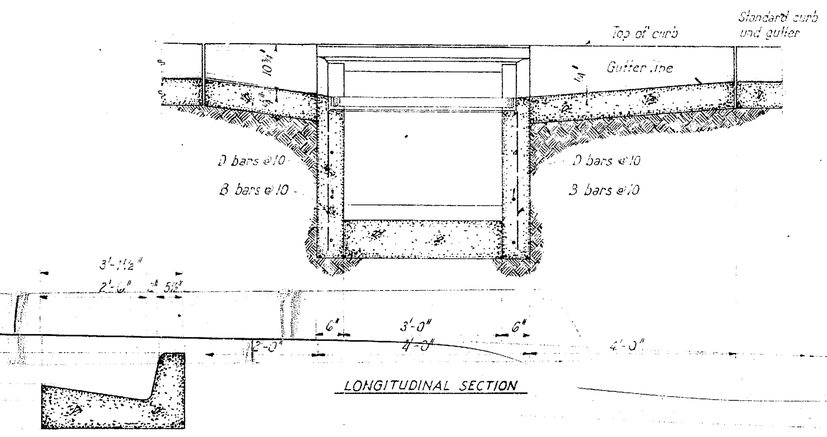


PLAN



LONGITUDINAL SECTION





LONGITUDINAL SECTION

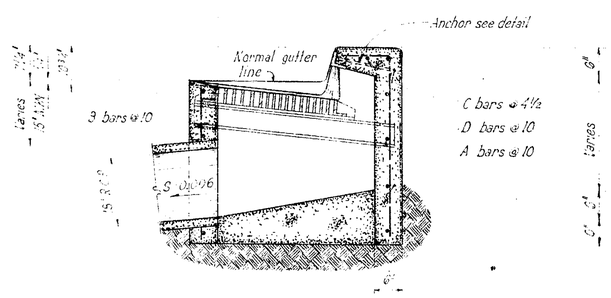
SECTION A-A

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

NOTE: Step to be located as directed by the project engineer.

CENTER SUPPORT ASSEMBLY

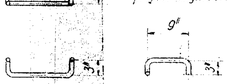
Scale: 1½" = 1'-0"



TRANSVERSE SECTION

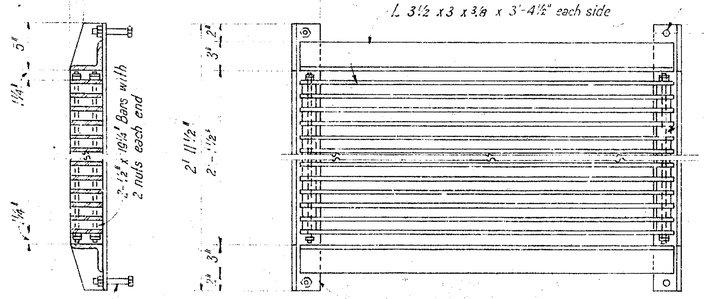
DOUBLE C INLET

Scale: ¾" = 1'-0"



STEP DETAIL

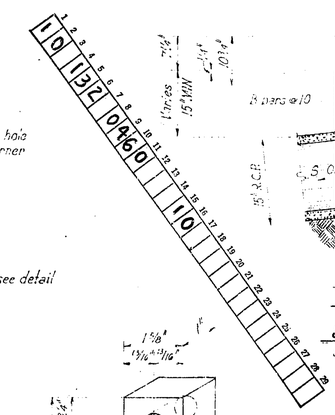
Scale: ¾" = 1'-0"

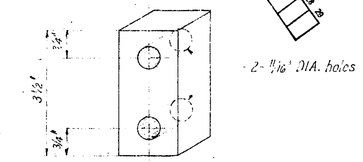


NOTE: Frame and center support to be welded construction.

FRAME AND GRATING DETAILS

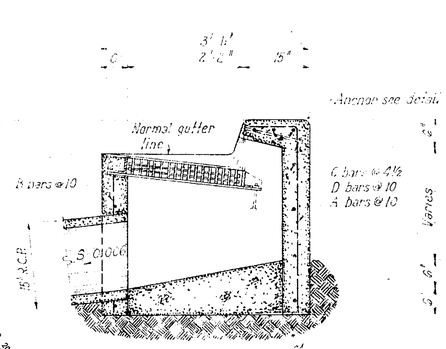
Scale: 1½" = 1'-0"





SPACER DETAIL

Not to scale

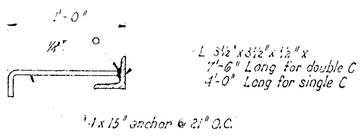


TRANSVERSE SECTION

SINGLE C INLET

Scale: ¾" = 1'-0"

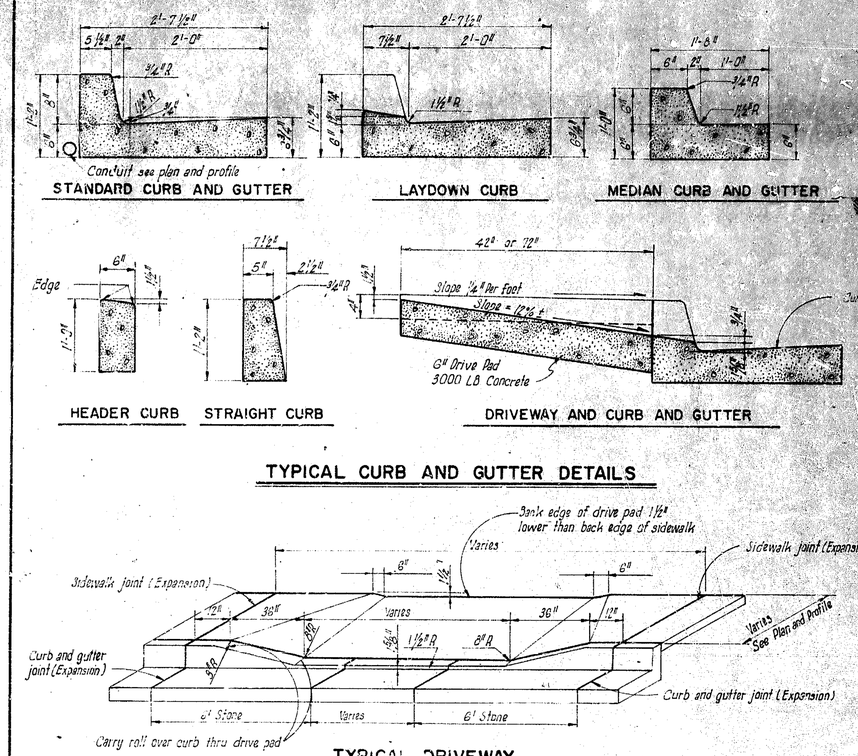
NOTE: Provide the following slopes for inlet pipes:
15" RCP - S = 0.006
18" RCP - S = 0.005
24" RCP - S = 0.005



ANCHOR DETAIL

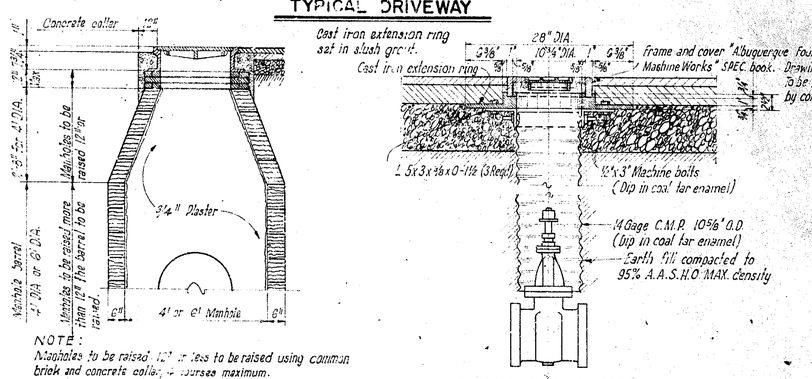
Not to scale

ALBUQUERQUE, NEW MEXICO			
STORM SEWER STANDARDS			
DOUBLE C AND SINGLE C DROP INLET DETAILS			
GORDON HERKENHOFF & ASSOCIATES, INC. CONSULTING ENGINEERS ALBUQUERQUE NEW MEXICO			
SCALE AS SHOWN	DATE AUGUST 1960	DRAWN: A.O.H. CHECKED:	SHEET 4 OF 19



TYPICAL CURB AND GUTTER DETAILS

TYPICAL DRIVEWAY

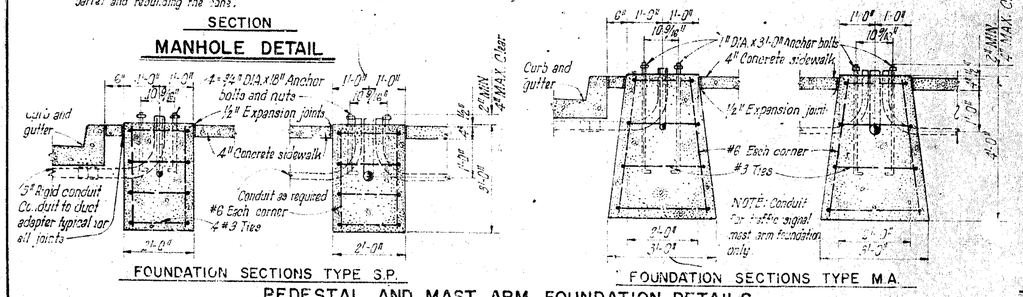


NOTE:
Manholes to be raised 12" or less to be raised using common brick and concrete collar, 4 courses maximum.
Manholes to be raised 12" or more the cone to be removed, the barrel to be raised and the cone to be rebuilt.
Manholes to be lowered by removing the cone and lowering the barrel and rebuilding the cone.

SECTION

MANHOLE DETAIL

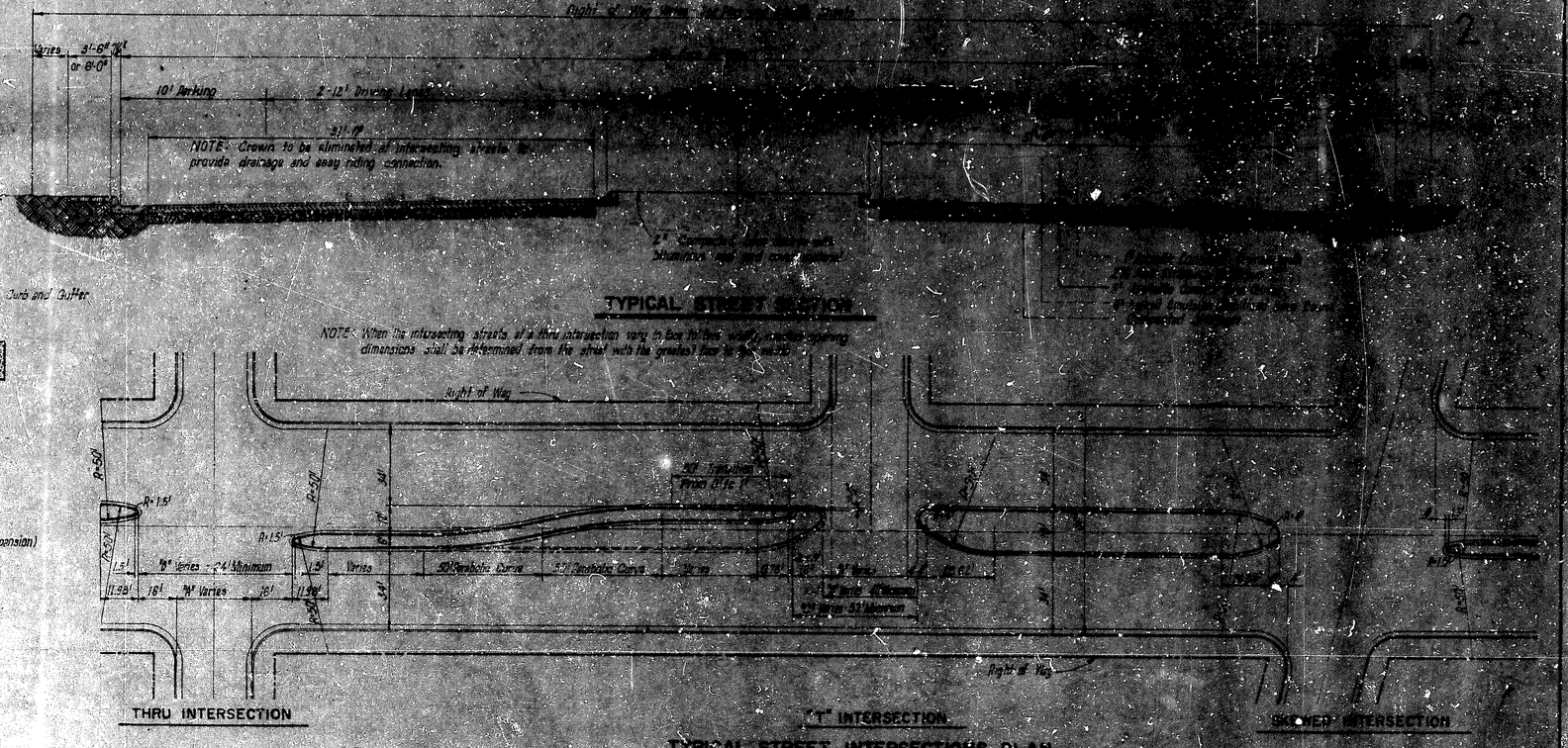
VALVE BOX DETAIL



FOUNDATION SECTIONS TYPE S.P.

FOUNDATION SECTIONS TYPE M.A.

PEDESTAL AND MAST ARM FOUNDATION DETAILS



TYPICAL STREET SECTION

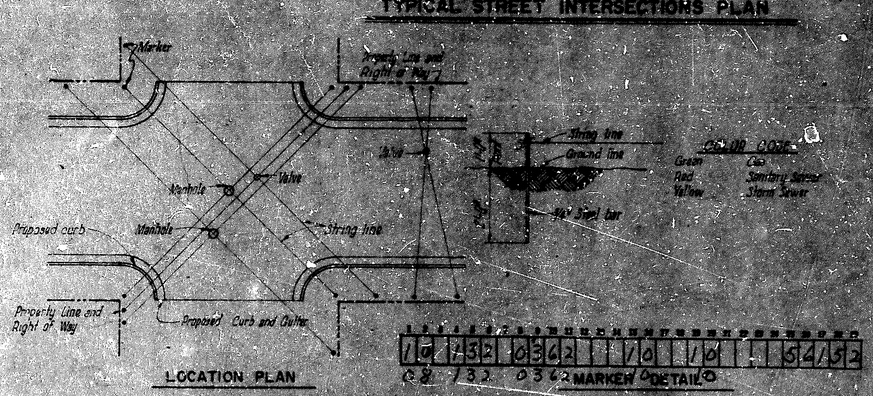
NOTE: When the intersecting streets of a thru intersection vary in box to box width, radius opening dimensions shall be determined from the street with the greatest box to box width.

THRU INTERSECTION

"T" INTERSECTION

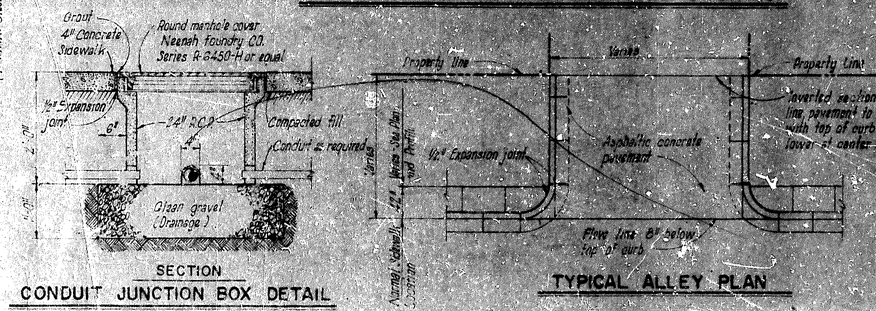
TYPICAL STREET INTERSECTIONS PLAN

MEDIAN OPENING DIMENSIONS				
T-INTERSECTION			THRU INTERSECTION	
A	B	C	A	B
32'	40'	52'	32'	64'
36'	44'	58'	38'	68'
38'	46'	55'	39'	70'
40'	48'	60'	40'	72'
44'	52'	64'	44'	78'
48'	56'	68'	48'	80'
60'	74'	86'	60'	98'
			66'	78'



LOCATION PLAN

PLAN FOR LOCATING UNDERGROUND UTILITIES



SECTION

CONDUIT JUNCTION BOX DETAIL

TYPICAL ALLEY PLAN

SKEWED INTERSECTION

GENERAL NOTES

[illegible] to be constructed at 3000 psi compressive strength [illegible] at least between construction joints [illegible] the surface of the pavement not to varied [illegible] the pavement [illegible] with not more than 18 feet between joints [illegible] to be constructed of 3000 psi concrete to [illegible] [illegible] expansion joints to be located between the sidewalk and the back of the curb where its adjacent to existing walks, buildings, driveways, immovable objects and 18 feet on centers on curved curve. Dowling grease joints to be located at intervals of 6 feet on center maximum. Width of sidewalk to be 42 inches where adjacent to the curb and gutter and 48 inches wide where [illegible] adjacent to the property line. Sidewalks in front of business establishments shall be laid from the back of the curb to the face of building or property line. No sidewalks to be constructed until curb and gutter is in place.

ASPHALT EMULSION STABILIZED BASE

Emulsified Asphalt to be used in treated base to be 4% to 4½ by dry weight add water to obtain optimum moisture.

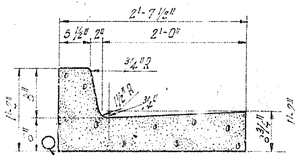
ALBUQUERQUE, NEW MEXICO

PAVING STANDARD

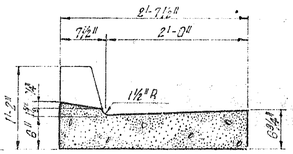
ARTERIAL STREET PAVEMENT DETAILS

GORDON HERSHENOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

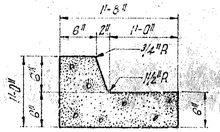
SCALE	DATE	DRAWN: R.A.S.	SHEET 3
NOT TO SCALE	NOV. 1961	CHECKED: G.A.J.	OF 19



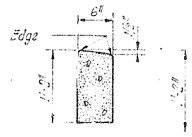
STANDARD CURB AND GUTTER



LAYDOWN CURB

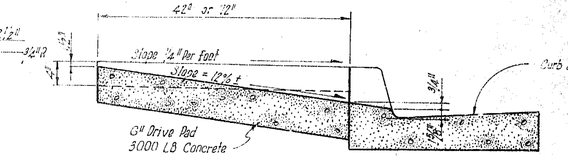


MEDIAN CURB AND GUTTER



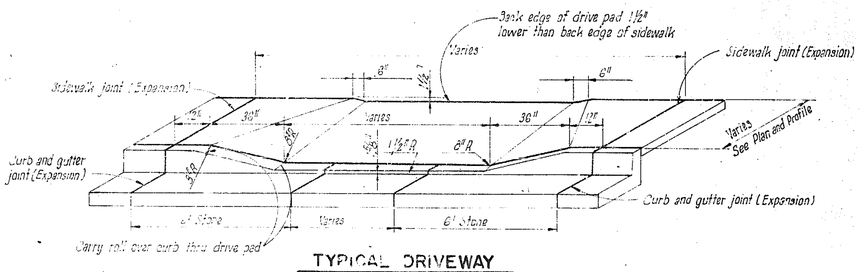
HEADER CURB

STRAIGHT CURB

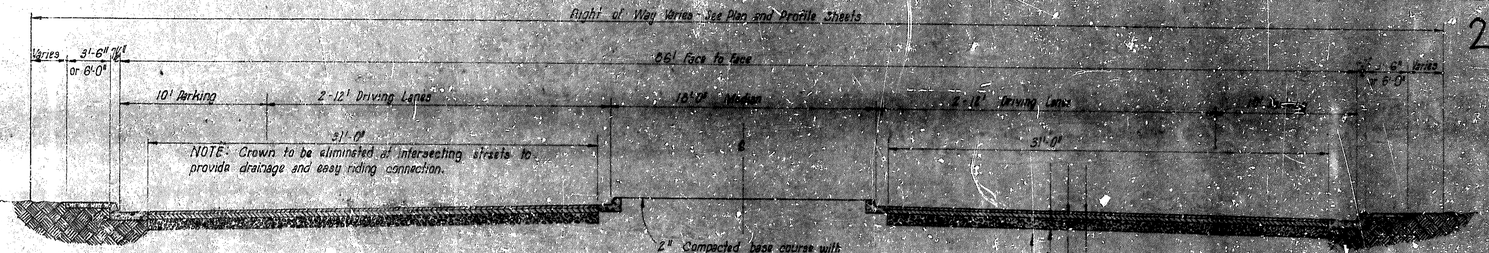


DRIVEWAY AND CURB AND GUTTER

TYPICAL CURB AND GUTTER DETAILS

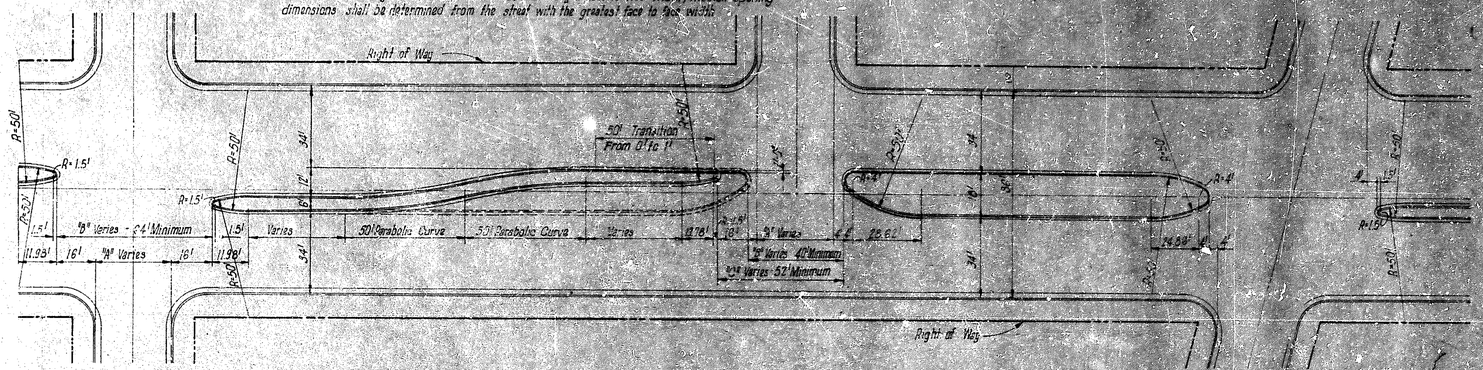


TYPICAL DRIVEWAY



TYPICAL STREET SECTION

NOTE: When the intersecting streets at a thru intersection vary in face to face width, median opening dimensions shall be determined from the street with the greatest face to face width.



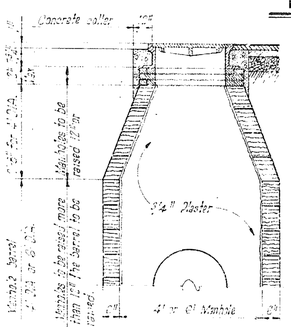
THRU INTERSECTION

"T" INTERSECTION

SKEWED INTERSECTION

TYPICAL STREET INTERSECTIONS PLAN

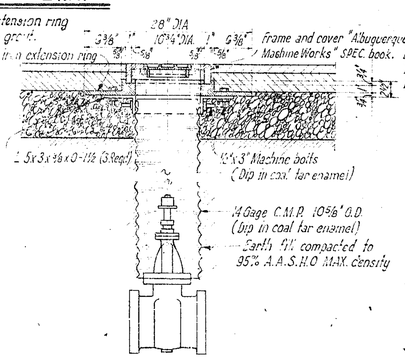
MEDIAN OPENING DIMENSIONS				
T-INTERSECTION			THRU INTERSECTION	
A	B	C	A	B
32'	40'	52'	32'	64'
36'	44'	58'	36'	68'
38'	46'	56'	39'	70'
40'	48'	60'	40'	72'
44'	52'	64'	44'	76'
48'	56'	68'	48'	80'
68'	74'	86'	66'	98'
			86'	118



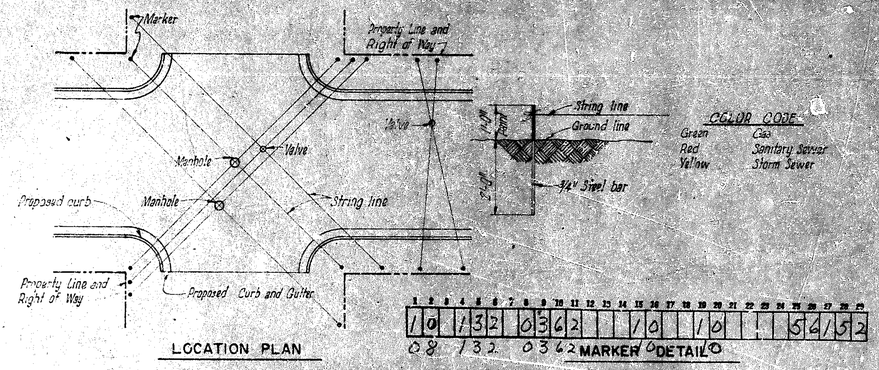
NOTE:
Manholes to be raised 12" or less to be raised using common brick and concrete collar - 12" maximum.
Manholes to be raised 12" or more the cone to be removed, the barrel to be raised and the cone to be rebuilt.
Manholes to be lowered by removing the cone and lowering the barrel and rebuilding the cone.

SECTION

MANHOLE DETAIL

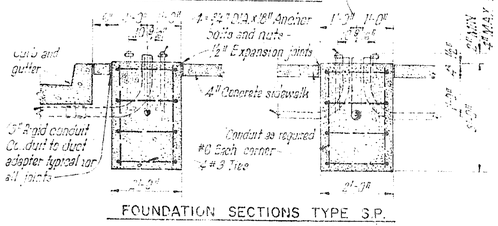


VALVE BOX DETAIL

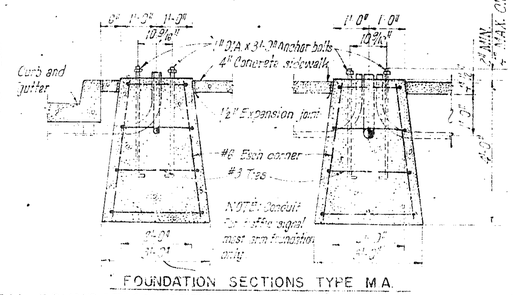


LOCATION PLAN

PLAN FOR LOCATING UNDERGROUND UTILITIES

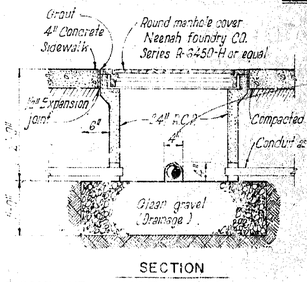


FOUNDATION SECTIONS TYPE S.P.



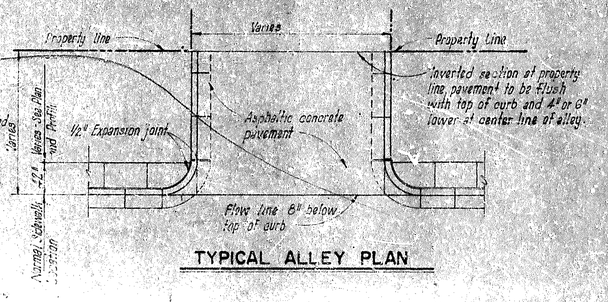
FOUNDATION SECTIONS TYPE M.A.

PEDESTAL AND MAST ARM FOUNDATION DETAILS



SECTION

CONDUIT JUNCTION BOX DETAIL



TYPICAL ALLEY PLAN

GENERAL NOTES:

CURB AND GUTTER to be constructed of 3000 psi concrete and to be laid in lengths of 6 feet between construction joints. Welcome expansion joints to be located at intervals not to exceed 60 feet at the P.C. and P.T. of curb returns and each side of drive pads.

DRIVE PADS to be constructed of 3000 psi concrete 6 inches thick. Drive pads longer than 18 feet to have a 1/4" preformed expansion joint at the midpoint. Drive pads more than 36 feet long to have 2-1/4" expansion joints with not more than 18 feet between joints.

SIDEWALKS to be constructed of 3000 psi concrete 4 inch thick with a transverse slope of 1/4 inch per foot. 1/2 inch preformed expansion joints to be located between the sidewalk and the back of the curb, where the sidewalks abut existing walks, buildings, drive pads, immovable objects and 18 feet on centers on straight runs. Dummy groove joints to be located at intervals of 6 feet on centers maximum. Width of sidewalk to be 42 inches when placed adjacent to the curb and gutter and 48 inches wide when placed adjacent to the property line. Sidewalks in front of business establishments shall be laid from the back of the curb to the edge of building or property line. No sidewalk to be constructed until a curb and gutter is in place.

ASPHALT EMULSION STABILIZED BASE

Emulsified Asphalt to be used in treated base to be 2% to 4% by total weight, add water to obtain optimum moisture.

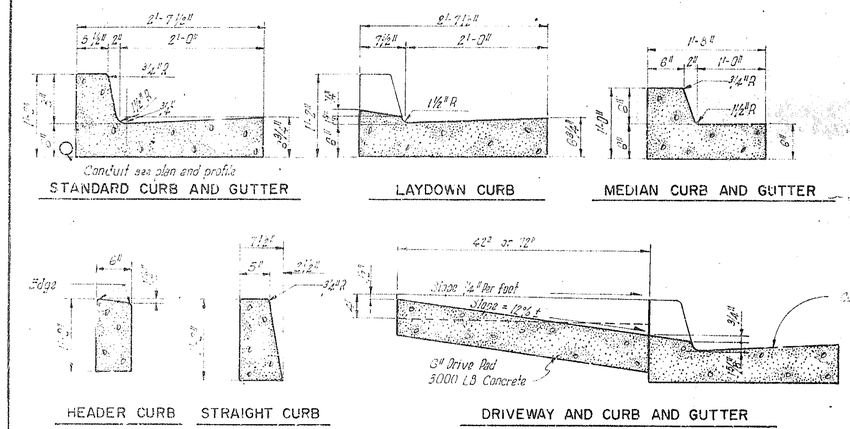
ALBUQUERQUE, NEW MEXICO

PAVING STANDARD

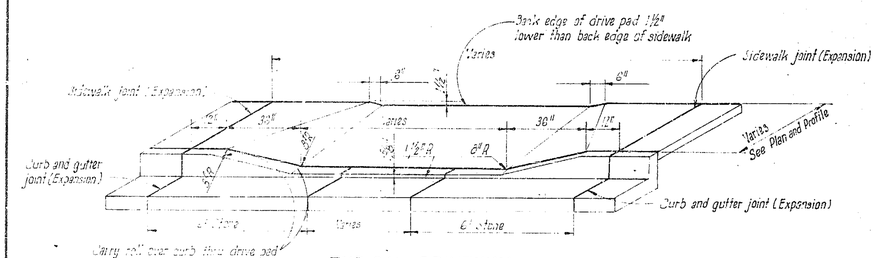
ARTERIAL STREET PAVEMENT DETAILS

GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

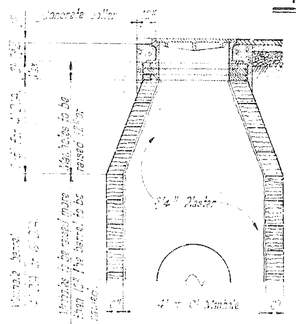
SCALE	DATE	DRAWN: R.A.G.	SHEET 3
NOT TO SCALE	NOV. 1961	CHECKED: G.A.J.	OF 19



TYPICAL CURB AND GUTTER DETAILS



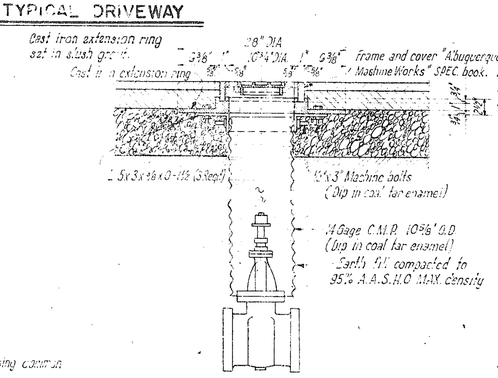
TYPICAL DRIVEWAY



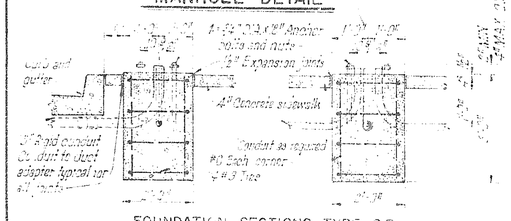
NOTE:
Manholes to be raised 1" or less to be raised using common brick and concrete only - 12" max. maximum.
Manholes to be raised 12" or more the cone to be removed, the barrel to be raised and the cone to be rebuilt.
Manholes to be lowered by removing the cone and lowering the barrel and rebuilding the cone.

SECTION

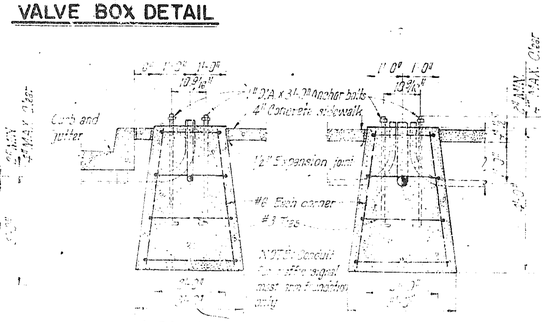
MANHOLE DETAIL



VALVE BOX DETAIL

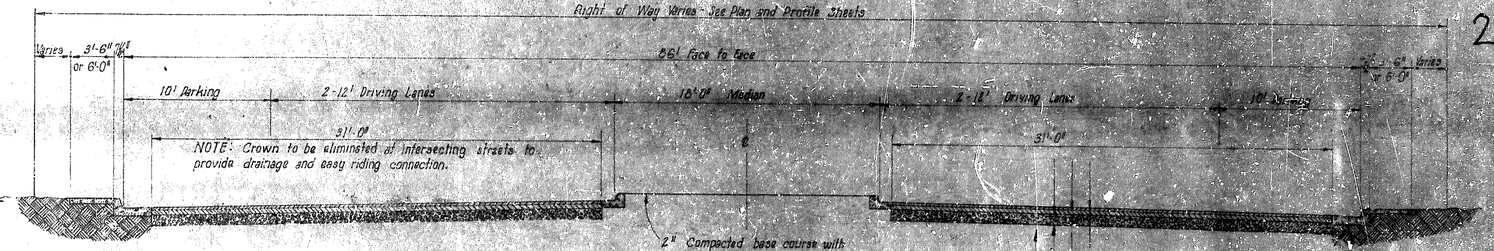


FOUNDATION SECTIONS TYPE S.P.



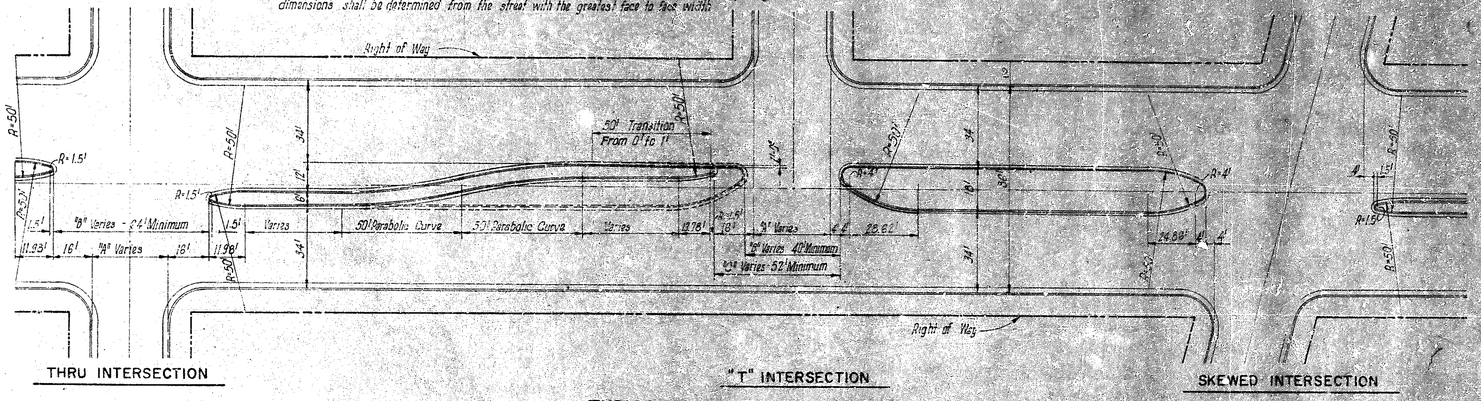
FOUNDATION SECTIONS TYPE M.A.

PEDESTAL AND MAST ARM FOUNDATION DETAILS



TYPICAL STREET SECTION

NOTE: When the intersecting streets of a thru intersection vary in face to face width, median opening dimensions shall be determined from the street with the greatest face to face width.



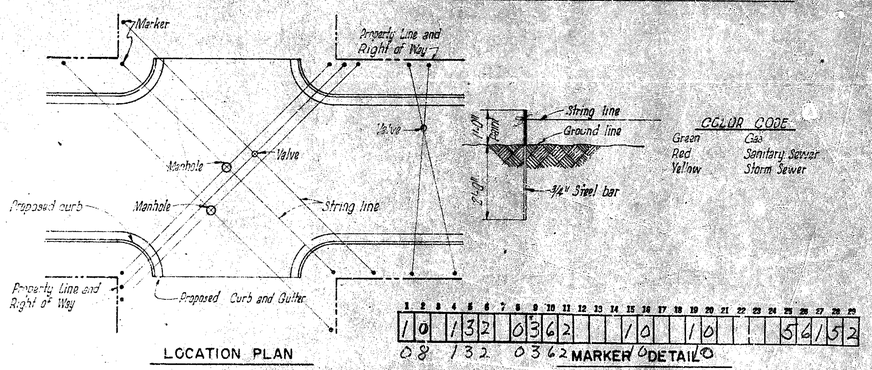
THRU INTERSECTION

"T" INTERSECTION

SKEWED INTERSECTION

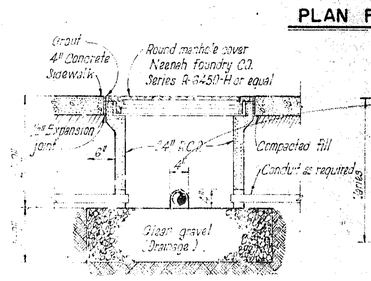
TYPICAL STREET INTERSECTIONS PLAN

MEDIAN OPENING DIMENSIONS				
T-INTERSECTION			THRU INTERSECTION	
A	B	C	A	B
32'	40'	52'	32'	64'
36'	44'	56'	36'	68'
38'	48'	58'	38'	70'
40'	48'	60'	40'	72'
44'	52'	64'	44'	76'
48'	56'	68'	48'	80'
60'	74'	86'	60'	98'
			66'	118'



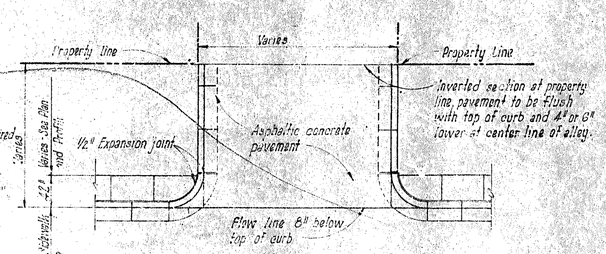
LOCATION PLAN

PLAN FOR LOCATING UNDERGROUND UTILITIES



SECTION

CONDUIT JUNCTION BOX DETAIL



TYPICAL ALLEY PLAN

GENERAL NOTES:

CURB AND GUTTER to be constructed of 3000 psi concrete and to be laid in lengths of 6 feet between construction joints. Preformed expansion joints to be located at intervals not to exceed 50 feet at the P.C. and P.T. of curb returns and each side of drive pads.

DRIVE PADS to be constructed of 3000 psi concrete 6 inch thick. Drive pads larger than 18 feet to have a ½" preformed expansion joint at the midpoint. Drive pads more than 36 feet long to have 2-½" expansion joints with not more than 18 feet between joints.

SIDEWALKS to be constructed of 3000 psi concrete 4 inch thick with a transverse slope of ¼ inch per foot. ½ inch preformed expansion joints to be located between the sidewalks and the back of the curb, where the sidewalks abut existing walks, buildings, drive pads, immovable objects and 18 feet on centers on straight runs. Dummy groove joints to be located at intervals of 6 feet on centers maximum. Width of sidewalk to be 42 inches when placed adjacent to the curb and gutter and 48 inches wide when placed adjacent to the property line. Sidewalks in front of business establishments shall be laid from the back of the curb to the edge of building or property line. No sidewalks to be constructed until curb and gutter is in place.

ASPHALT EMULSION STABILIZED BASE

Emulsified Asphalt to be used in treated base to be 3% to 4% by total weight, add water to obtain optimum moisture.

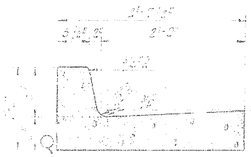
ALBUQUERQUE, NEW MEXICO

PAVING STANDARD

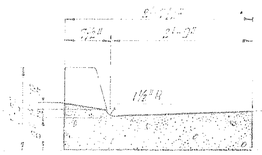
ARTERIAL STREET PAVEMENT DETAILS

GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

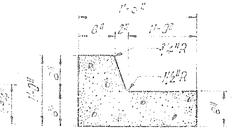
SCALE	DATE	DRAWN: R.A.G.	SHEET 3
NOT TO SCALE	NOV. 1961	CHECKED: G.A.J.	OF 19



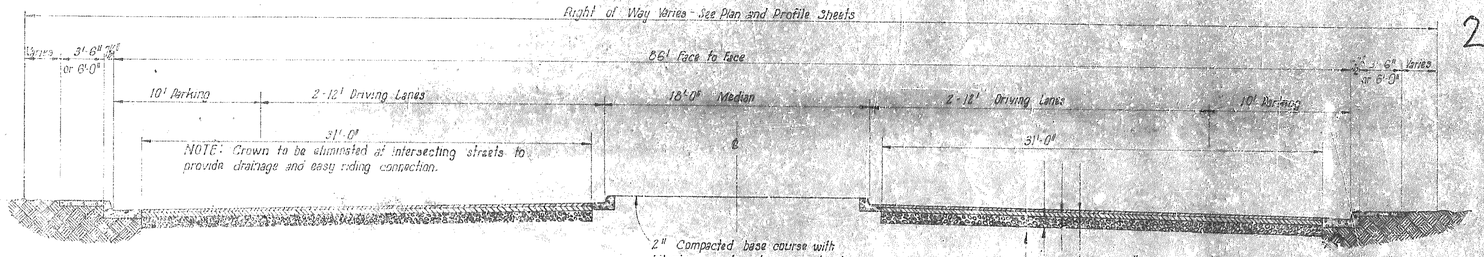
STANDARD CURB AND GUTTER



LAYDOWN CURB



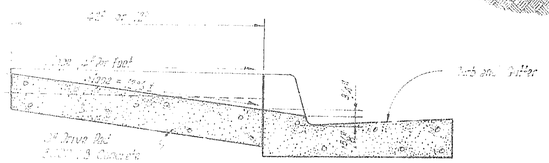
MEDIAN CURB AND GUTTER



TYPICAL STREET SECTION

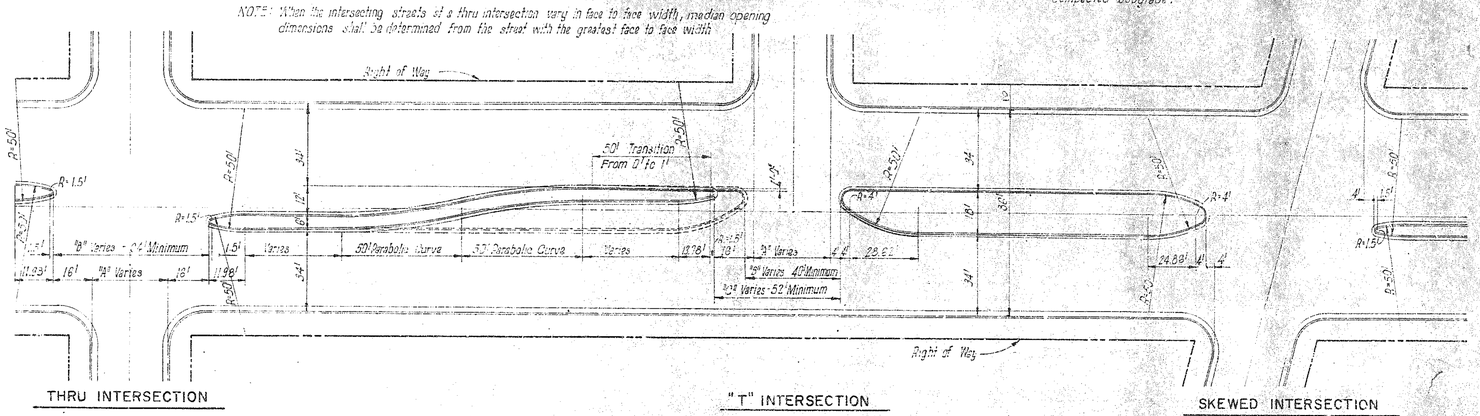
HEADER CURB

STRAIGHT CURB



DRIVEWAY AND CURB AND GUTTER

TYPICAL CURB AND GUTTER DETAILS

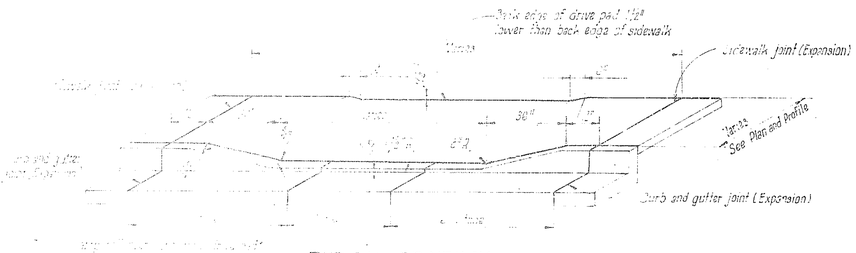


THRU INTERSECTION

"T" INTERSECTION

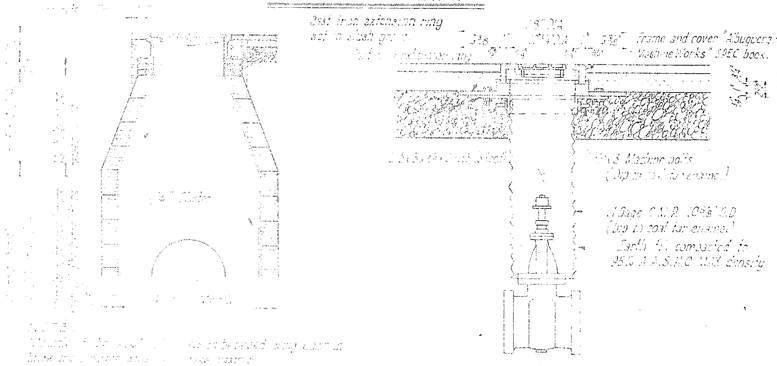
SKEWED INTERSECTION

TYPICAL STREET INTERSECTIONS PLAN

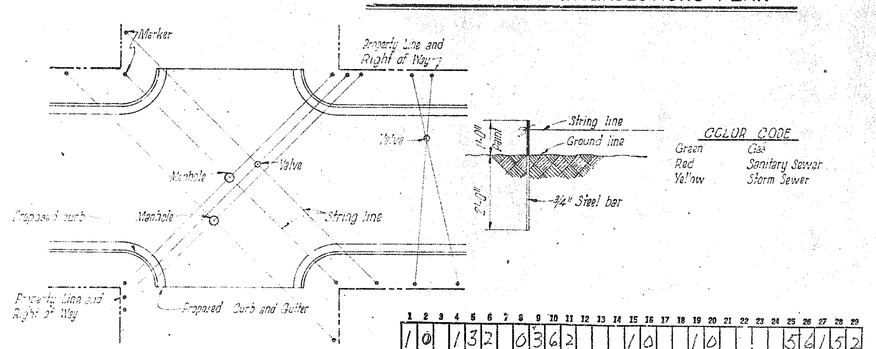


TYPICAL DRIVEWAY

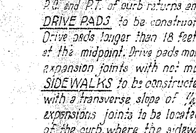
MEDIAN OPENING DIMENSIONS				
T-INTERSECTION			THRU INTERSECTION	
A	B	C	A	B
32'	40'	52'	32'	54'
36'	44'	56'	38'	60'
38'	48'	58'	39'	70'
40'	48'	60'	40'	72'
44'	52'	64'	44'	74'
48'	58'	68'	48'	80'
68'	74'	88'	60'	92'
			66'	118'



VALVE BOX DETAIL



LOCATION PLAN



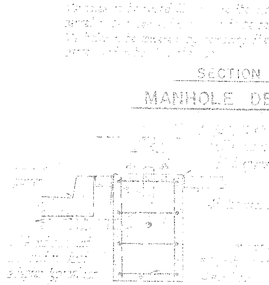
COLOR CODE

Green	Gas
Red	Sanitary Sewer
Yellow	Storm Sewer

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	0	1	3	2		0	3	6	2				1	0			1	0			1			5	4	1	5	2

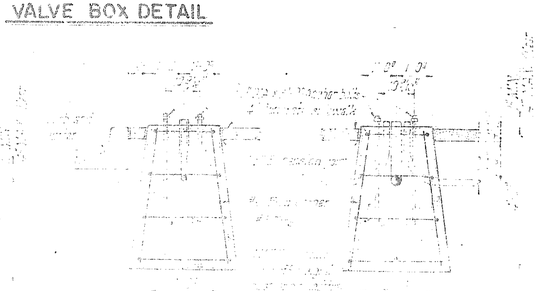
08 132 0362 MARKER DETAIL

PLAN FOR LOCATING UNDERGROUND UTILITIES



SECTION

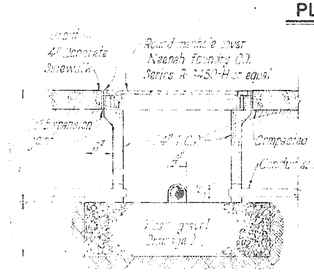
MANHOLE DETAIL



FOUNDATION SECTIONS TYPE 3-P

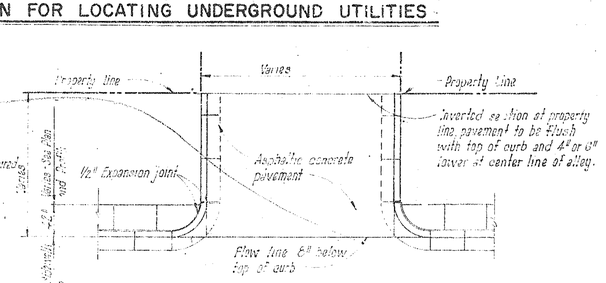
FOUNDATION SECTIONS TYPE MA

PEDESTAL AND MAST ARM FOUNDATION DETAILS



SECTION

CONDUIT JUNCTION BOX DETAIL



TYPICAL ALLEY PLAN

GENERAL NOTES:

CURB AND GUTTER to be constructed of 3000 psi concrete and to be laid in lengths of 6 feet between construction joints. 1/2" preformed expansion joints to be located at intervals not to exceed 50 feet at the P.C. and P.T. of curb returns and each side of drive pads.

DRIVE PADS to be constructed of 3000 psi concrete 8 inch thick. Drive pads longer than 18 feet to have a 1/2" preformed expansion joint at the midpoint. Drive pads more than 30 feet long to have 2-1/2" expansion joints with not more than 18 feet between joints.

SIDEWALKS to be constructed of 3000 psi concrete 4 inch thick with a transverse slope of 1/4 inch per foot. 1/2 inch preformed expansions joints to be located between the sidewalk and the back of the curb, where the sidewalks abut existing walks, buildings, drive pads, immovable objects and 18 feet on centers on straight runs. Dummy groove joints to be located at intervals of 6 feet on centers maximum. Width of sidewalk to be 42 inches when placed adjacent to the curb and gutter and 48 inches wide when placed adjacent to the property line. Sidewalks in front of business establishments shall be laid from the back of the curb to the edge of building or property line. No sidewalks to be constructed until curb and gutter is in place.

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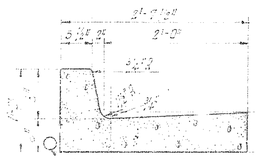
ALBUQUERQUE, NEW MEXICO

PAVING STANDARD

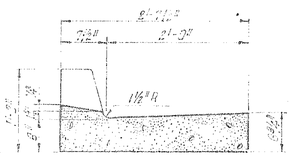
ARTERIAL STREET PAVEMENT DETAILS

GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

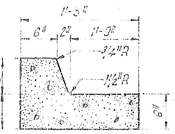
SCALE	DATE	DRAWN: R.A.C.	SHEET 3
NOT TO SCALE	NOV. 1961	CHECKED: G.A.J.	OF 19



STANDARD CURB AND GUTTER

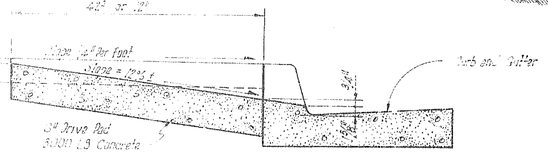


LAYDOWN CURB



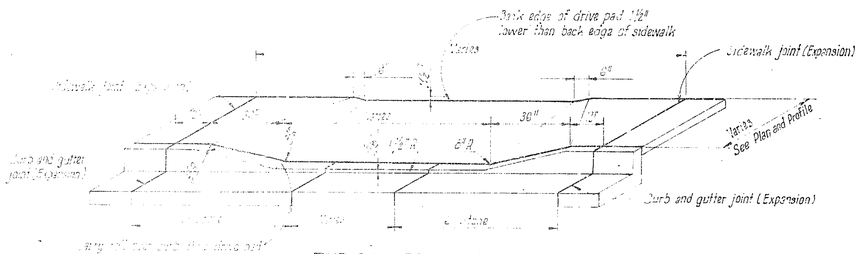
MEDIAN CURB AND GUTTER

HEADER CURB STRAIGHT CURB

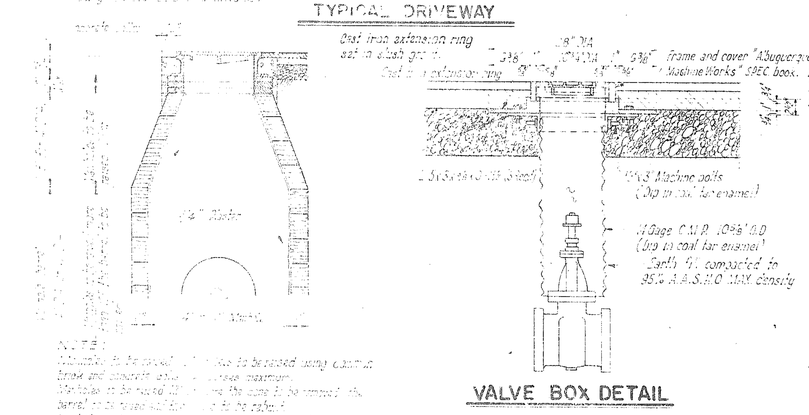


DRIVEWAY AND CURB AND GUTTER

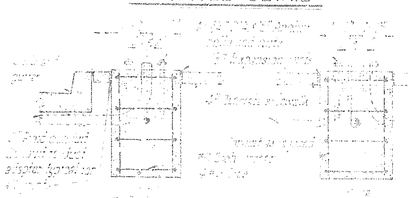
TYPICAL CURB AND GUTTER DETAILS



TYPICAL DRIVEWAY



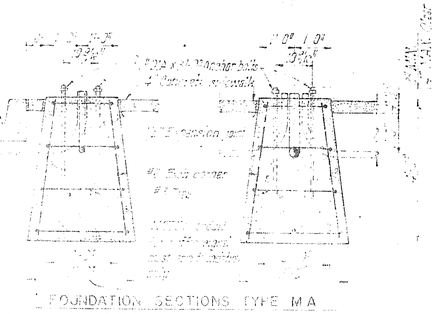
VALVE BOX DETAIL



SECTION

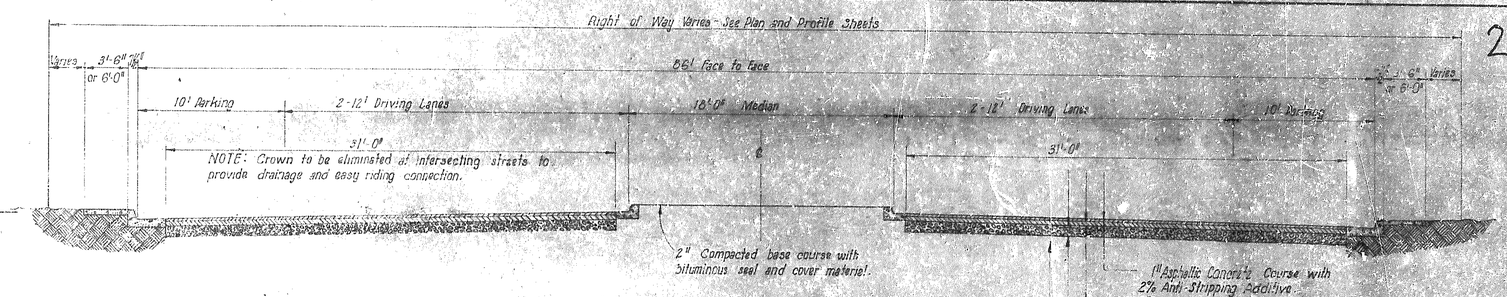
MANHOLE DETAIL

FOUNDATION SECTIONS TYPE SP



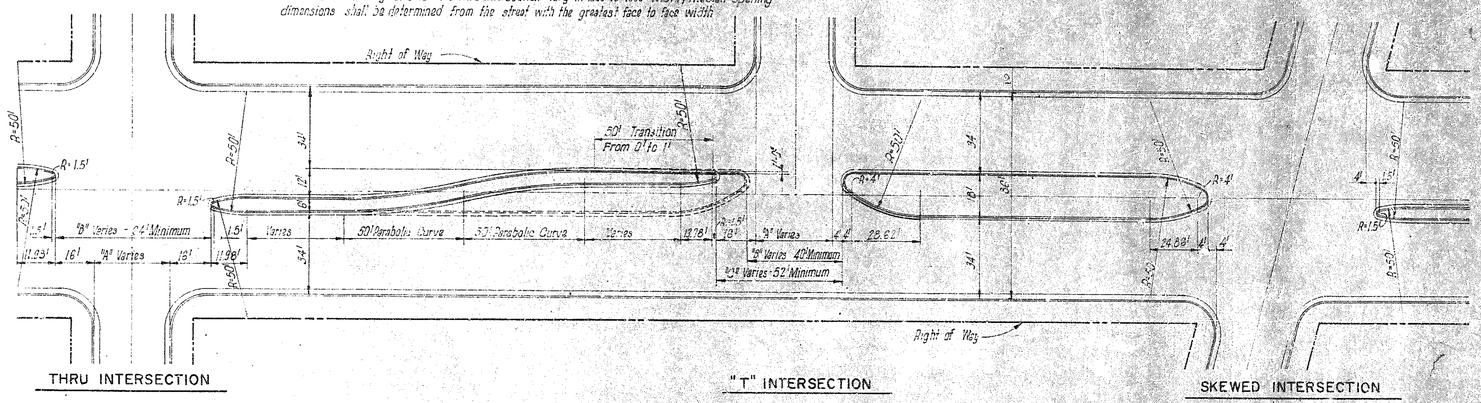
FOUNDATION SECTIONS TYPE MA

PEDESTAL AND MAST ARM FOUNDATION DETAILS



TYPICAL STREET SECTION

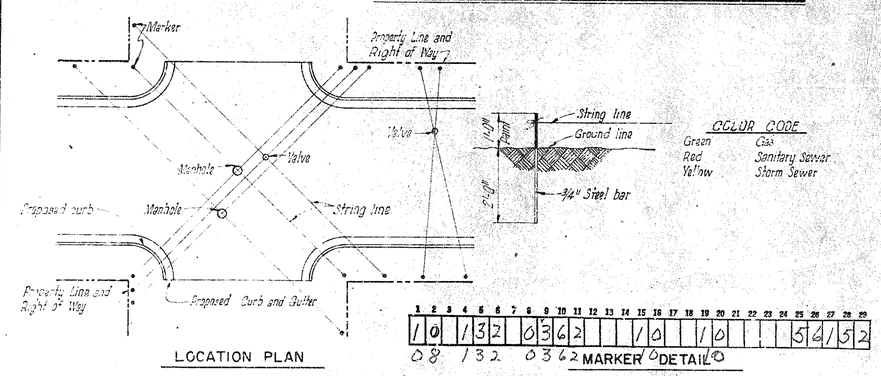
NOTE: When the intersecting streets at a thru intersection vary in face to face width, median opening dimensions shall be determined from the street with the greatest face to face width



THRU INTERSECTION "T" INTERSECTION SKEWED INTERSECTION

TYPICAL STREET INTERSECTIONS PLAN

MEDIAN OPENING DIMENSIONS				
T-INTERSECTION			THRU INTERSECTION	
A	B	C	A	B
32'	40'	52'	32'	34'
36'	44'	56'	36'	68'
38'	48'	58'	39'	70'
40'	48'	60'	40'	72'
44'	52'	64'	44'	78'
48'	56'	68'	48'	80'
68'	74'	86'	68'	96'
			86'	118'

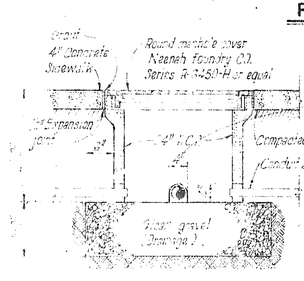


LOCATION PLAN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	0		1	3	2		0	3	6	2				1	0			1	0					5	4	1	5	2

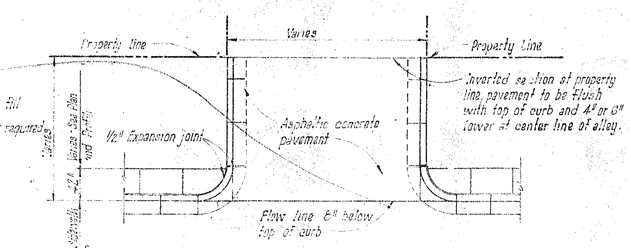
08 132 0362 MARKER DETAIL

PLAN FOR LOCATING UNDERGROUND UTILITIES



SECTION

CONDUIT JUNCTION BOX DETAIL



TYPICAL ALLEY PLAN

GENERAL NOTES:

CURB AND GUTTER to be constructed of 3000 psi concrete and to be laid in lengths of 6 feet between construction joints. Preformed expansion joints to be located at intervals not to exceed 50 feet at the P.C. and P.T. of curb returns and each side of drive pads.

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SIDEWALKS to be constructed of 3000 psi concrete 4 inch thick with a transverse slope of ½ inch per foot. ½ inch preformed expansion joints to be located between the sidewalks and the back of the curb, where the sidewalks abut existing walks, buildings, drive pads, immovable objects and 18 feet on centers on straight runs. Dummy groove joints to be located at intervals of 6 feet on centers maximum. Width of sidewalk to be 42 inches when placed adjacent to the curb and gutter and 48 inches wide when placed adjacent to the property line. Sidewalks in front of business establishments shall be laid from the back of the curb to the edge of building or property line. No sidewalks to be constructed until curb and gutter is in place.

ASPHALT EMULSION STABILIZED BASE

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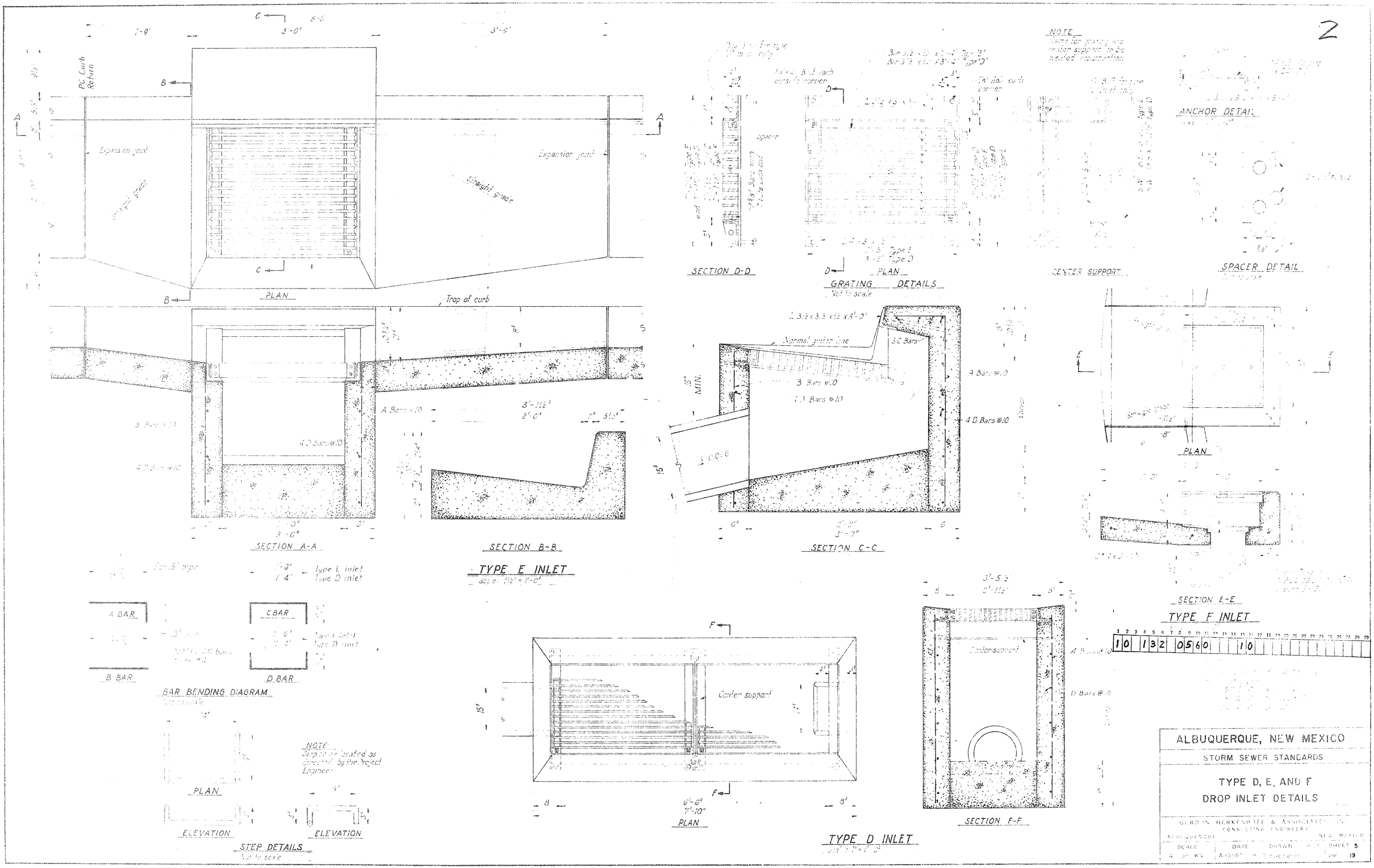
ALBUQUERQUE, NEW MEXICO

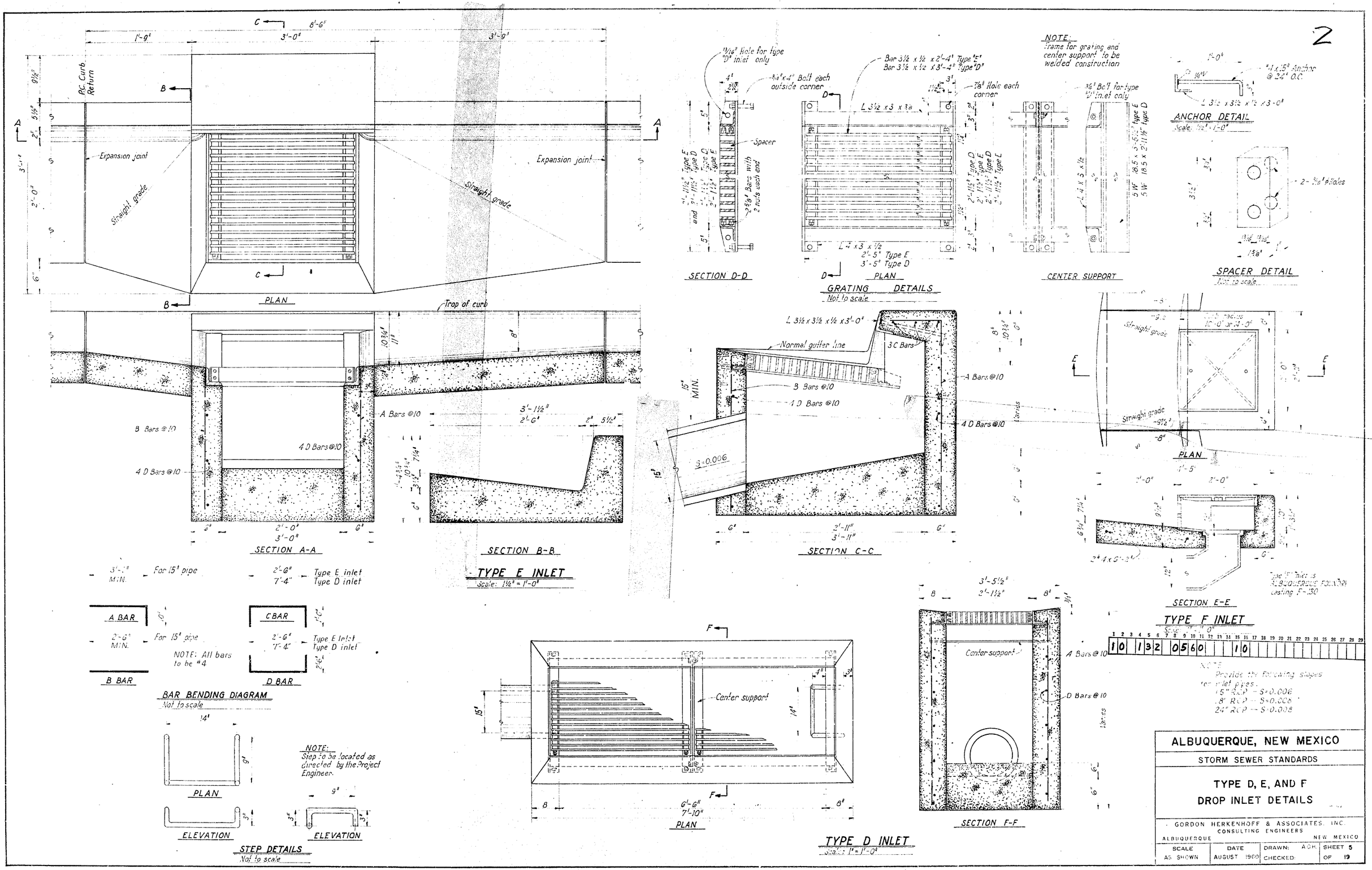
PAVING STANDARD

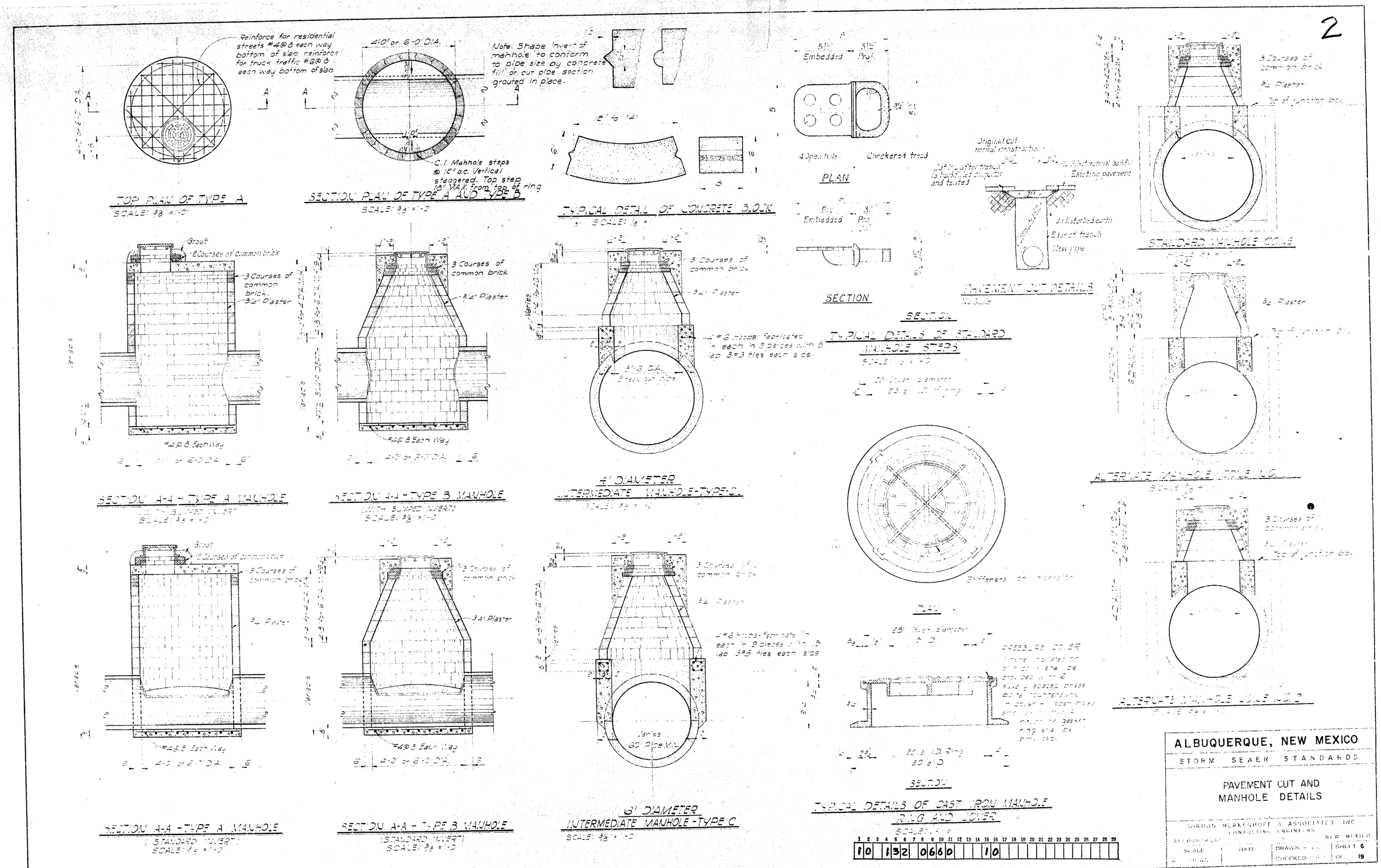
ARTERIAL STREET PAVEMENT DETAILS

GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

SCALE	DATE	DRAWN: R.A.G.	SHEET 3
NOT TO SCALE	NOV 1961	CHECKED: G.A.J.	OF 19


2
PC Curb Return
Expansion joint
Straight grade
PLAN
Top of curb
SECTION A-A
SECTION B-B
TYPE E INLET
SECTION C-C
SECTION D-D
PLAN
GRATING DETAILS
Not to scale
NOTE
Center support to be welded construction.
CENTER SUPPORT
ANCHOR DETAIL
SPACER DETAIL
Normal gutter line
3 C Bars
3 B Bars @10
10 D Bars @10
4 A Bars @10
4 C Bars @10
5" MIN.
15"
Straight grade
PLAN
SECTION E-E
TYPE F INLET
Type E inlet
Type D inlet
A BAR
B BAR
C BAR
D BAR
BAR BENDING DIAGRAM
Not to scale
NOTE
Step to be located as directed by the Project Engineer
PLAN
ELEVATION
ELEVATION
STEP DETAILS
Not to scale
Center support
PLAN
TYPE D INLET
Center support
4 A Bars @10
10 D Bars @10
SECTION F-F
ALBUQUERQUE, NEW MEXICO
STORM SEWER STANDARDS
TYPE D, E, AND F
DROP INLET DETAILS
GORDON HERKENHOFF & ASSOCIATES
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO
SCALE
DATE
DRAWN
SHEET 5
OF 19


2
PLAN
Expansion joint
Straight grade
P.C. Curb Return
Trap of curb
SECTION A-A
SECTION B-B
TYPE E INLET
Scale: 1½" = 1'-0"
SECTION C-C
SECTION D-D
GRATING DETAILS
Not to scale
NOTE: Frame for grating and center support to be welded construction
CENTER SUPPORT
ANCHOR DETAIL
Scale: ½" = 1'-0"
SPACER DETAIL
Not to scale
SECTION E-E
TYPE F INLET
Scale: 1" = 1'-0"
Type "F" inlet is ALBUQUERQUE FOUNDRY casting F-130
NOTE: Provide the following slopes for inlet pipes:
15" RCP — S=0.006
18" RCP — S=0.006
24" RCP — S=0.008
BAR BENDING DIAGRAM
Not to scale
A BAR
B BAR
C BAR
D BAR
NOTE: All bars to be #4
STEP DETAILS
Not to scale
NOTE: Step to be located as directed by the Project Engineer.
PLAN
ELEVATION
TYPE D INLET
Scale: 1" = 1'-0"
SECTION F-F
Center support
ALBUQUERQUE, NEW MEXICO
STORM SEWER STANDARDS
TYPE D, E, AND F
DROP INLET DETAILS
GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO
SCALE AS SHOWN
DATE AUGUST 1960
DRAWN: A.G.H.
CHECKED:
SHEET 5 OF 19


Reinforce for residential streets #4@8 each way bottom of slab reinforce for truck traffic #6@8 each way bottom of slab
TOP PLAN OF TYPE A
SCALE: 3/8" = 1'-0"
4'-0" or 6'-0" DIA.
Note: Shape invert of manhole to conform to pipe size by concrete fill or cut pipe section grouted in place.
C.I. Manhole steps @ 16" o.c. Vertical staggered. Top step 18" MAX. from top of ring
SECTION PLAN OF TYPE A AND TYPE B
SCALE: 3/8" = 1'-0"
12" to 14"
TYPICAL DETAIL OF CONCRETE BLOCK
SCALE: 1/8"
5½" Embedded
3½" Proj.
4 Open hole
Checkered tread
PLAN
SECTION
TYPICAL DETAILS OF STANDARD MANHOLE STEPS
SCALE: 1" = 1'-0"
Original cut normal construction
Existing pavement
Unfisturbed earth
Size of trench
New pipe
PAVEMENT CUT DETAILS
3 Courses of common brick
3/4" Plaster
Top of junction box
STANDARD MANHOLE COVER
Grout
2 Courses of common brick
3 Courses of common brick
3/4" Plaster
#4@8 Each Way
SECTION A-A - TYPE A MANHOLE
(WITH SLOPED INVERT)
SCALE: 3/8" = 1'-0"
SECTION A-A - TYPE B MANHOLE
(WITH SLOPED INVERT)
SCALE: 3/8" = 1'-0"
4' DIAMETER
INTERMEDIATE MANHOLE-TYPE C
SCALE: 3/8" = 1'-0"
ALTERNATE MANHOLE COVER NO. 1
SCALE: 3/8" = 1'-0"
Stiffeners on underside
PLAN
26" Inner diameter
SECTION
TYPICAL DETAILS OF CAST IRON MANHOLE RING AND COVER
SCALE: 1" = 1'-0"
SECTION A-A - TYPE A MANHOLE
(STANDARD INVERT)
SCALE: 3/8" = 1'-0"
SECTION A-A - TYPE B MANHOLE
(STANDARD INVERT)
SCALE: 3/8" = 1'-0"
6' DIAMETER
INTERMEDIATE MANHOLE-TYPE C
SCALE: 3/8" = 1'-0"
Varies
60" Pipe Max.
ALTERNATE MANHOLE COVER NO. 2
SCALE: 3/8" = 1'-0"
ALBUQUERQUE, NEW MEXICO
STORM SEWER STANDARDS
PAVEMENT CUT AND MANHOLE DETAILS
GORDON HERKENHOFF & ASSOCIATES INC
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO
SCALE
DATE
DRAWN
CHECKED
SHEET 6
OF 19
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
10 132 0660 10

18" TRAFFIC CONE

TO BE USED TO CHANNELIZE TRAFFIC IN CONSTRUCTION AREA ONLY. TO BE USED TO SEPARATE TRAFFIC LANES WHEN ONE SIDE OF DIVIDED STREETS IS USED.

FLASHER

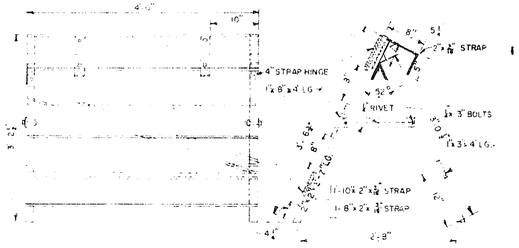
TO BE USED TO SUPPLEMENT BARRICADES FROM SUNSET TO SUNRISE.
7" LENSE MAY BE USED ALONE.
4½" LENSE MUST BE SUPPLEMENTED WITH 7" LENSE OR FLARE POT.

30" TRAFFIC CONE

TO BE USED TO SUPPLEMENT BARRICADE "G" OR OPTIONAL "G" FOR TEMPORARY STREET CLOSINGS AND MAY BE USED WITH POLICE OFFICER OR FLAGMAN FOR STREET CLOSING.

ALL WARNING SIGNS(W) TO BE AS FOLLOWS:
LETTERS -- BLACK
BORDER -- BLACK
BACKGROUND -YELLOW REFLECTIVE

W-26
24"x24"

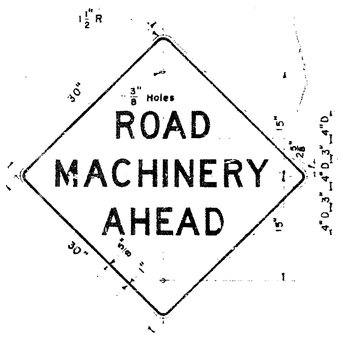


FRONT VIEW

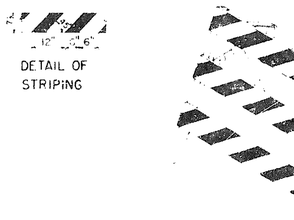
SIDE VIEW

FLARE POT

TO BE USED TO SUPPLEMENT BARRICADES AND FLASHERS FROM SUNSET TO SUNRISE.



W-147
30"x30"

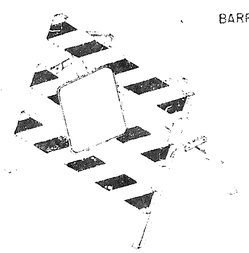


DETAIL OF STRIPING

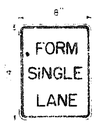
ASSEMBLY

BARRICADE "G"

R-17
18"x 24"



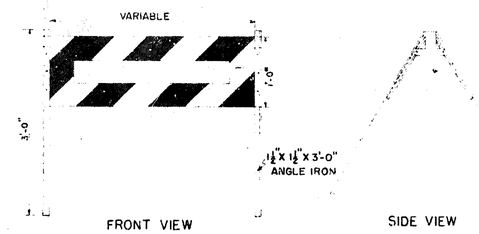
BARRICADE "G" WITH SIGN



W-155
30"x30"

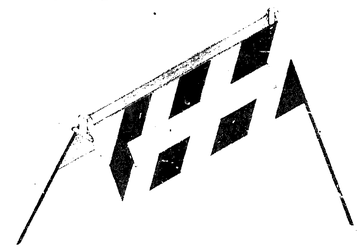
BARRICADE "G" SHALL BE CONSTRUCTED AS THE ABOVE DESIGN OR EQUAL. BARRICADES OF SUBSTANTIAL CONSTRUCTION WHICH CORRESPOND IN SIZE & COLOR TO BARRICADE "G" WILL BE CONSIDERED EQUAL. BARRICADE "G" SHALL BE USED WITH APPROPRIATE WARNING & GUIDE SIGNS BY MAINTENANCE OR CONSTRUCTION CREWS, WHERE WORK IS BEING CONDUCTED IN OR NEAR THE ROADWAY, OR ANY TYPE PUBLIC HAZARD WHICH IS CREATED BY THE WORK. BARRICADE "G" SHALL BE USED AS AN ADVANCE WARNING SIGN BARRIER. BARRICADE "G" MAY BE USED TO CLOSE RESIDENTIAL OR COLLECTOR STREETS FOR 10 DAYS OR LESS. BARRICADE "G" MAY BE USED TO CLOSE PRIMARY ARTERIAL TYPE STREETS BETWEEN 9:00 A.M. - 4:00 P.M.

NOTE:
ALL BARRICADES TO BE PAINTED WHITE REFLECTORIZED & BLACK



FRONT VIEW

SIDE VIEW

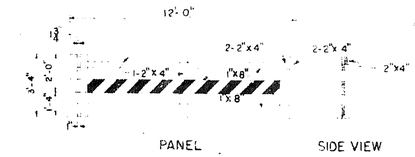


SIGNS TO BE USED
KEEP RIGHT
KEEP LEFT
OPEN TRENCH
DETOUR
OR
ANY GUIDE SIGN

ASSEMBLY

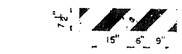
BARRICADE "G" (OPTIONAL)

SAME USED AS BARRICADE "G"

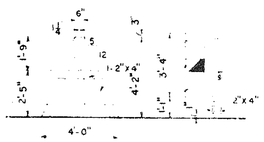


PANEL

SIDE VIEW



DETAIL OF STRIPING

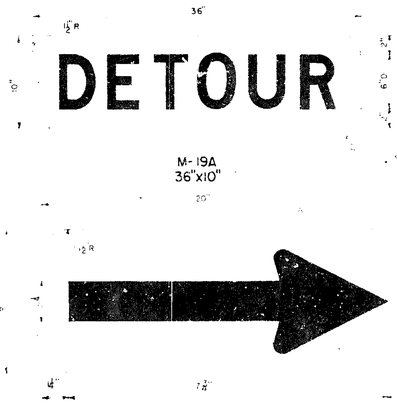


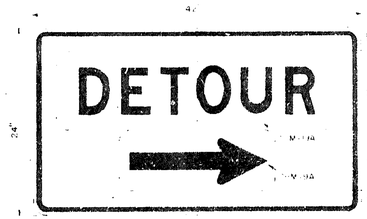
STAND

ASSEMBLY

BARRICADE "C"

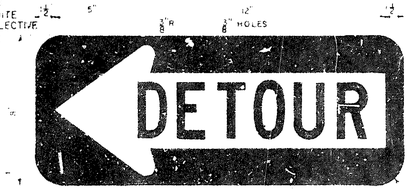
BARRICADE "C" SHALL BE CONSTRUCTED AS ABOVE DESIGN OR EQUAL. BARRICADES OF SUBSTANTIAL CONSTRUCTION WHICH CORRESPOND IN SIZE & COLOR TO BARRICADE "C" SHALL BE CONSIDERED EQUAL. BARRICADE "C" WITH APPROPRIATE SIGNS MAY BE USED TO CLOSE RESIDENTIAL OR COLLECTOR STREETS FOR MORE THAN 10 DAYS. BARRICADE "C" MAY BE USED TO CLOSE FEDERAL ROUTES, STATE HIGHWAYS OR THOROUGHFARES FOR HOURS OTHER THAN BETWEEN 9:00 A.M. - 4:00 P.M.





M-19B
42"x 24"

ALL SIGNS SHOWN BELOW EXCEPT M-20A (L) TO BE AS FOLLOWS:
LETTERS - BLACK
BORDER - BLACK
BACKGROUND - WHITE REFLECTIVE
ARROW - BLACK



NOTE "A"

LETTERS - BLACK
BACKGROUND - BLACK
ARROW - WHITE REFLECTIVE

M-20A (L)
20"x8"

ARROW DETAIL - SEE NOTE "A"

NOTE "B"

D-34
55"x15½"

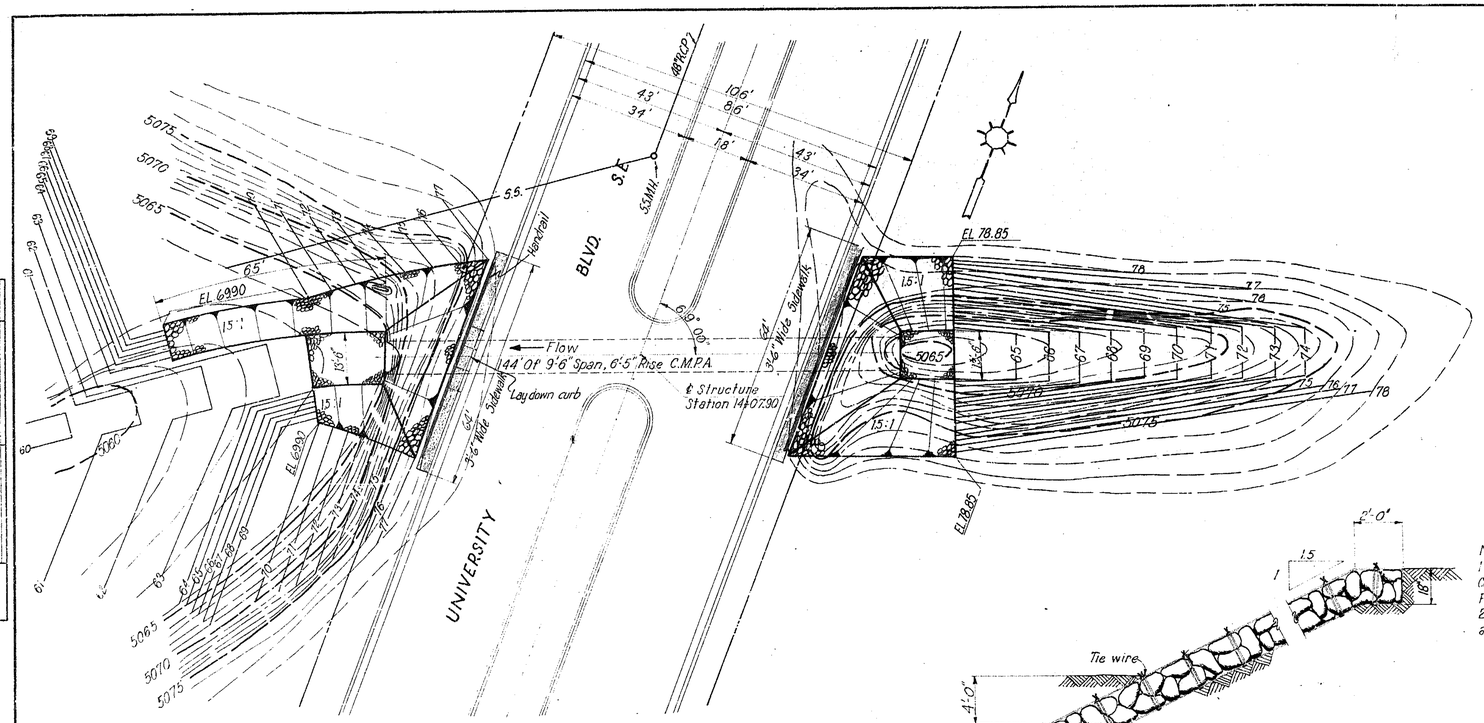
D-35
85"x13"

STANDARD CONSTRUCTION SIGNS & BARRICADES

TRAFFIC ENGINEERING DEPT.
IN ACCORDANCE WITH
NEW MEXICO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS

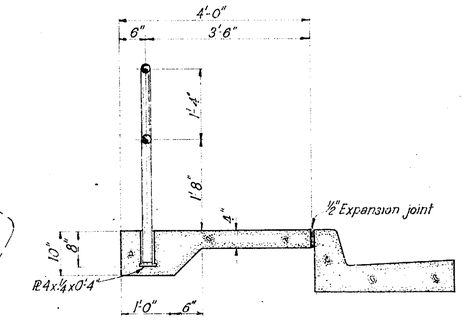
SHEET 7
19

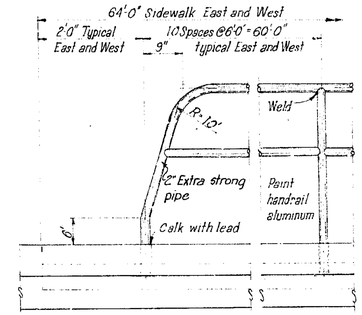
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
1 0 1 3 2 0 7 6 0 1 0



PLAN

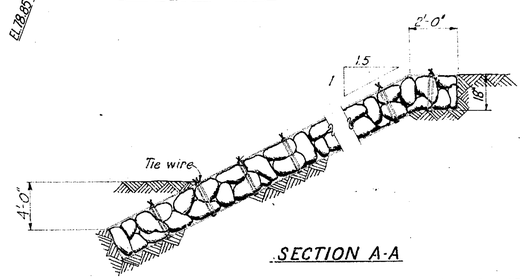
Scale: 1" = 20'





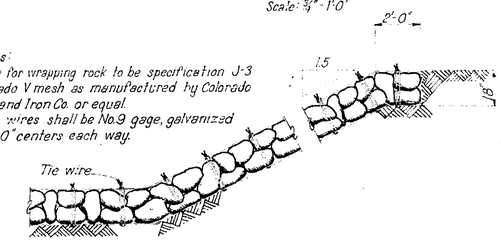
HANDRAIL AND SIDEWALK DETAILS

Scale: 3/4" = 1'0"



SECTION A-A

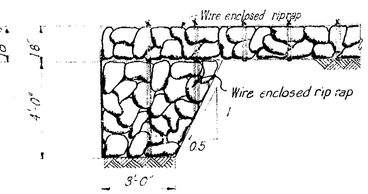
Notes:
1 Wire for wrapping rock to be specification J-3 Colorado V mesh as manufactured by Colorado Fuel and Iron Co. or equal.
2 Tie wires shall be No.9 gage, galvanized at 2'-0" centers each way.



SECTION B-B

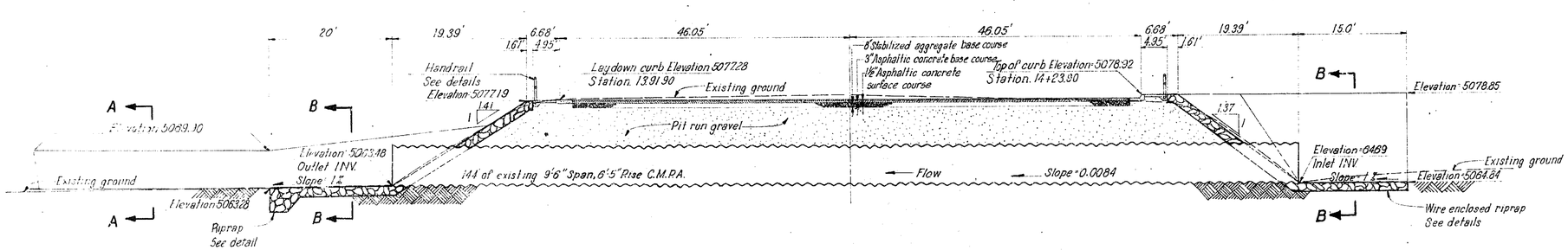
WIRE ENCLOSED RIPRAP DETAILS

Not to Scale



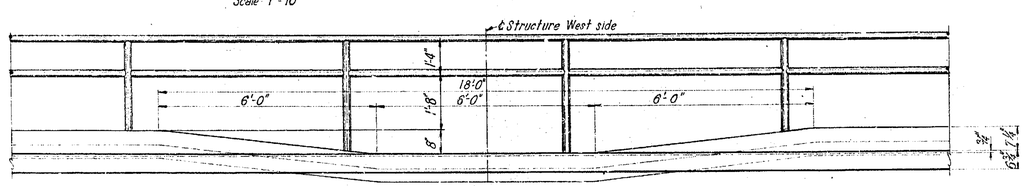
DUMPED RIPRAP DETAIL

Not to scale



TYPICAL STRUCTURE SECTION

Scale 1" = 10'



LAYDOWN CURB DETAIL

Scale: 1" = 2'

ESTIMATED QUANTITIES	
DESCRIPTION	QUANTITY
18" Wire enclosed riprap	400 S.Y.
Guardrail	120 Lin. Ft.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

1 0 1 3 2 0 8 6 0 1 1

PAVING DISTRICT 132

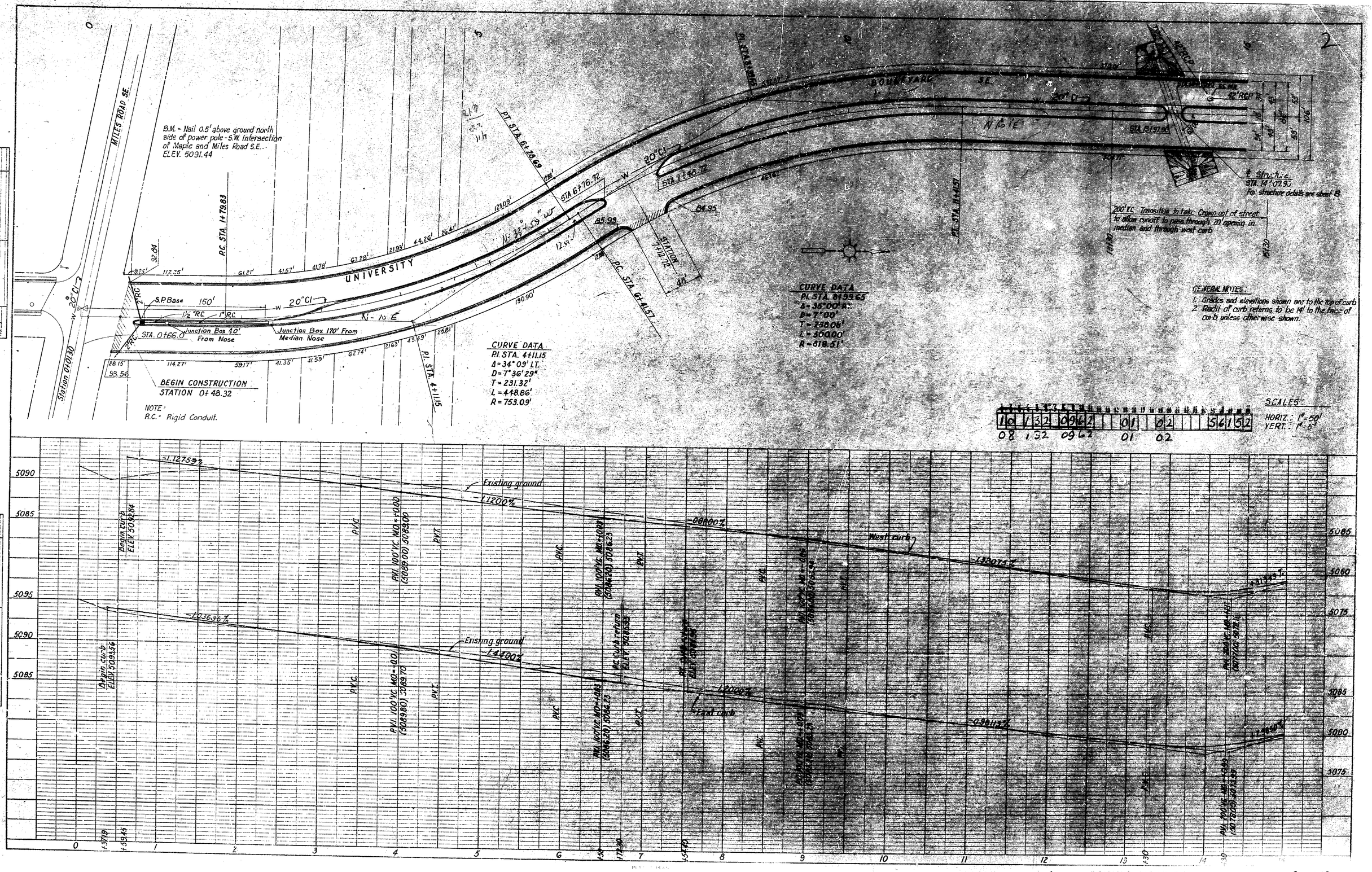
STRUCTURE DETAILS

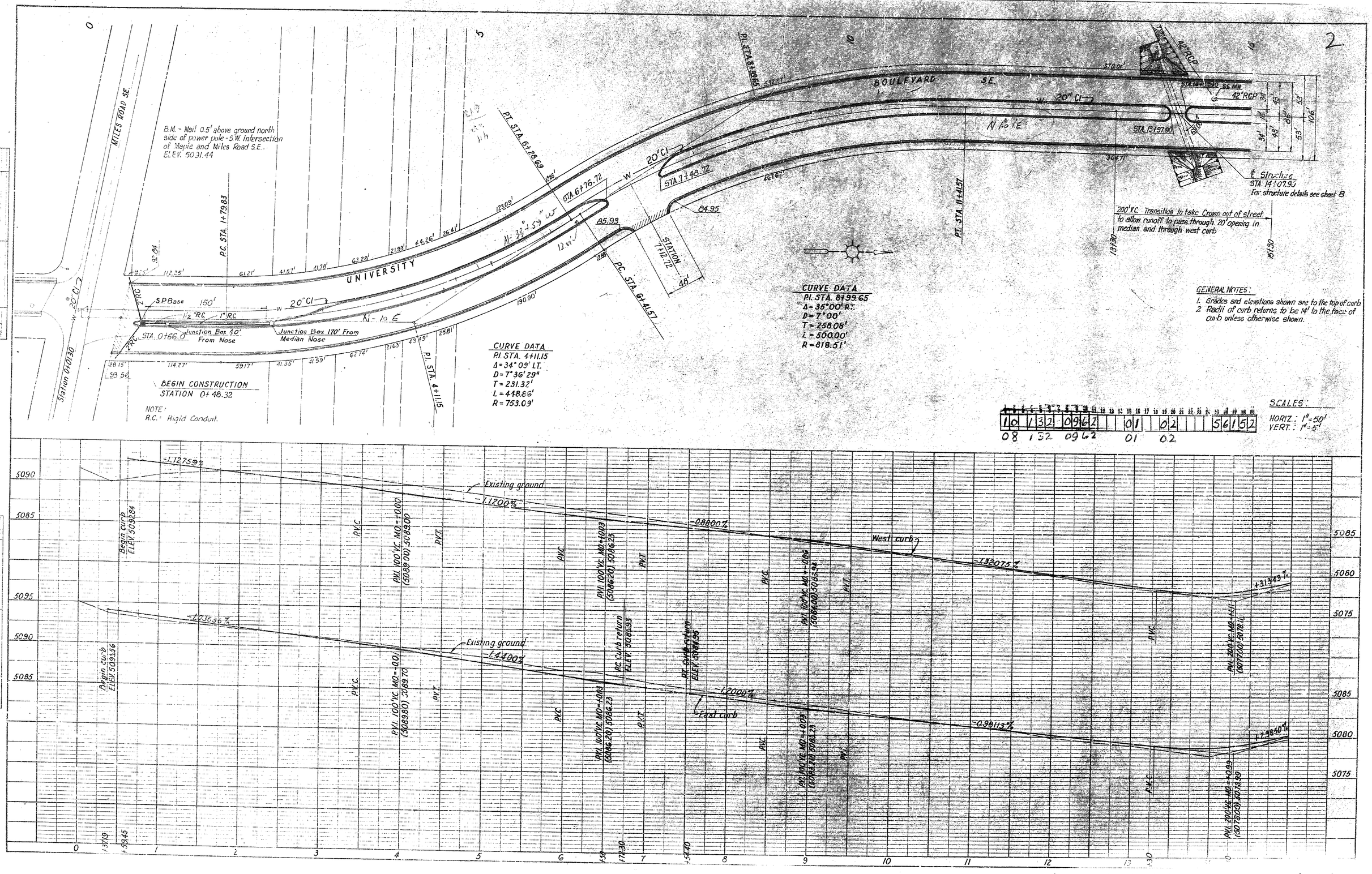
UNIVERSITY BOULEVARD

PLAN — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — NOTE BOOK — NO. — BY R.A.L. — DATE

PROFILE — SURVEYED — PLOTTED — GRADES CHECKED — NOTE BOOK — NO. — STRUCTURE NOTATNS CHECK — BY — DATE

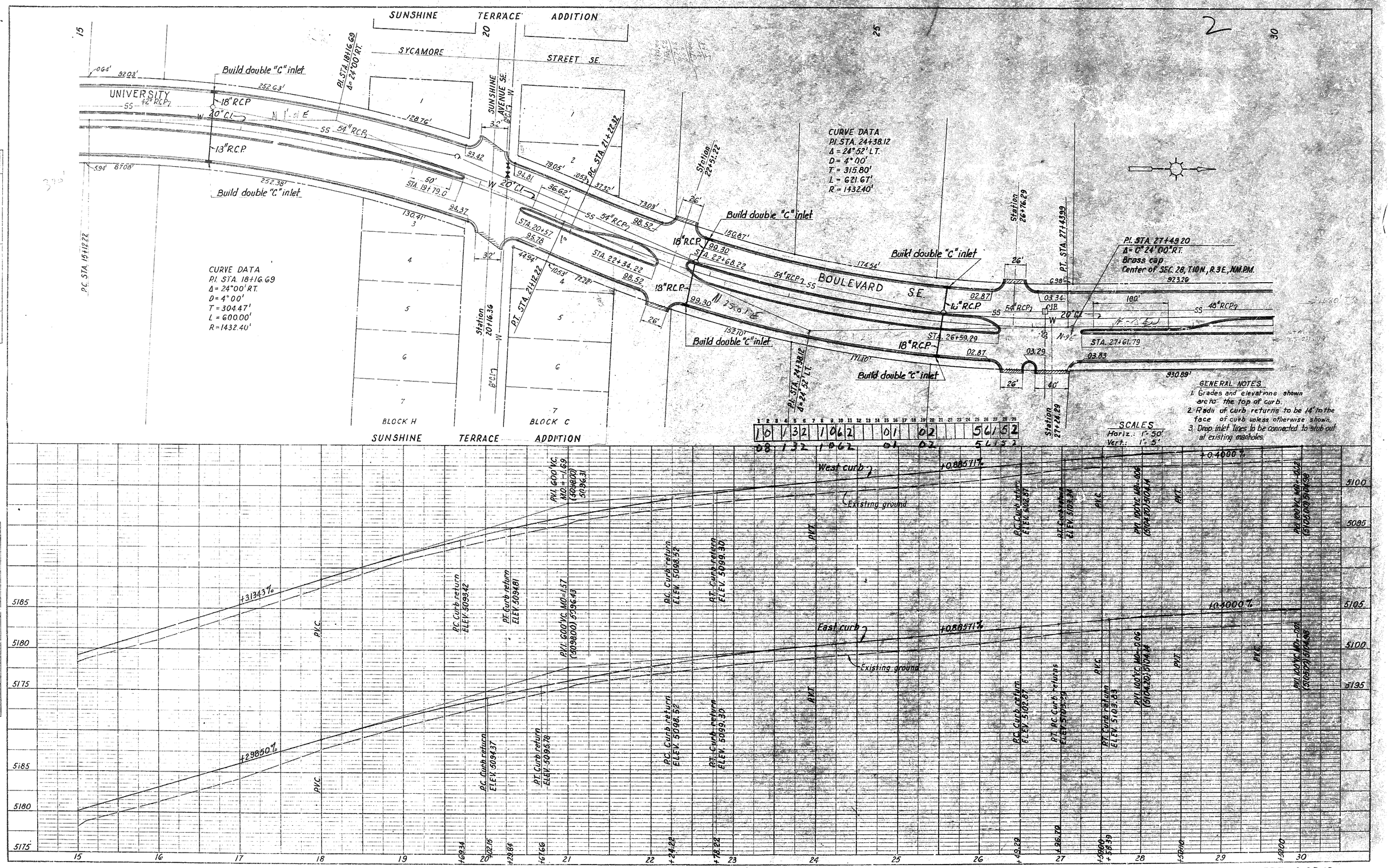
100% RAG PAPER-MADE AND PRINTED IN U. S. A. CHARLES BRUNING COMPANY, INC.


MILES ROAD SE.
B.M. = Nail 0.5' above ground north side of power pole - S.W. intersection of Maple and Miles Road S.E. - ELEV. 5091.44
UNIVERSITY BOULEVARD SE.
P.C. STA. 1+79.83
P.T. STA. 6+28.69
STA. 6+76.72
P.C. STA. 6+41.57
P.T. STA. 11+41.57
STA. 11+40.72
STATION 7+12.72
STA. 14+07.90
℄ Structure
For structure details see sheet 8
200' V.C. Transition in take Crown out of street to allow runoff to pass through 20' opening in median and through west curb
42" RCP
N 15° E
N 35° 53' W
N - 10 E
S.P. Base 150'
1½" RC
1" RC
2" RC
STA. 0+66.0
Junction Box 40' From Nose
Junction Box 170' From Median Nose
BEGIN CONSTRUCTION STATION 0+48.32
Station 0+01.30
P.I. STA. 4+11.15
NOTE: R.C. = Rigid Conduit.
CURVE DATA
P.I. STA. 4+11.15
Δ = 34° 09' LT.
D = 7° 36' 29"
T = 231.32'
L = 448.86'
R = 753.09'
CURVE DATA
P.I. STA. 8+93.65
Δ = 36° 00' Rt.
D = 7° 00'
T = 238.08'
L = 500.00'
R = 818.31'
GENERAL NOTES:
1. Grades and elevations shown are to the top of curb
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.
SCALES:
HORIZ.: 1" = 50'
VERT.: 1" = 5'
10 / 32 0962 01 02 56152
08 / 32 0962 01 02
Existing ground
West curb
East curb
Begin curb ELEV. 5088.84
Begin curb ELEV. 5089.36
PVI. 100' VC. MO = +0.00 (5089.00) 5089.20
PVI. 100' VC. MO = -0.01 (5089.80) 5089.70
PVI. 100' VC. MO = -0.01 (5086.20) 5086.25
PVI. 100' VC. MO = +0.01 (5086.20) 5086.25
PVC
PVT
5090
5085
5095
5080
5075
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
PROFILE
PLAN
NOTE BOOK
NO. 1
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
STRUCTURE DETAIL
DATE
BY
E.E.B.
W.E.B.
PAVING DISTRICT



PLAN
NOTE BOOK NO. 1
DRAWN
CHECKED
PROJECT
DATE
SCALE
REVISIONS
REV. DATE
REV. BY
REV. CHECK

PROFILE
NOTE BOOK NO. 1
DRAWN
CHECKED
PROJECT
DATE
SCALE
REVISIONS
REV. DATE
REV. BY
REV. CHECK



PAVING DISTRICT NO. 130 SHEET 10 OF 19

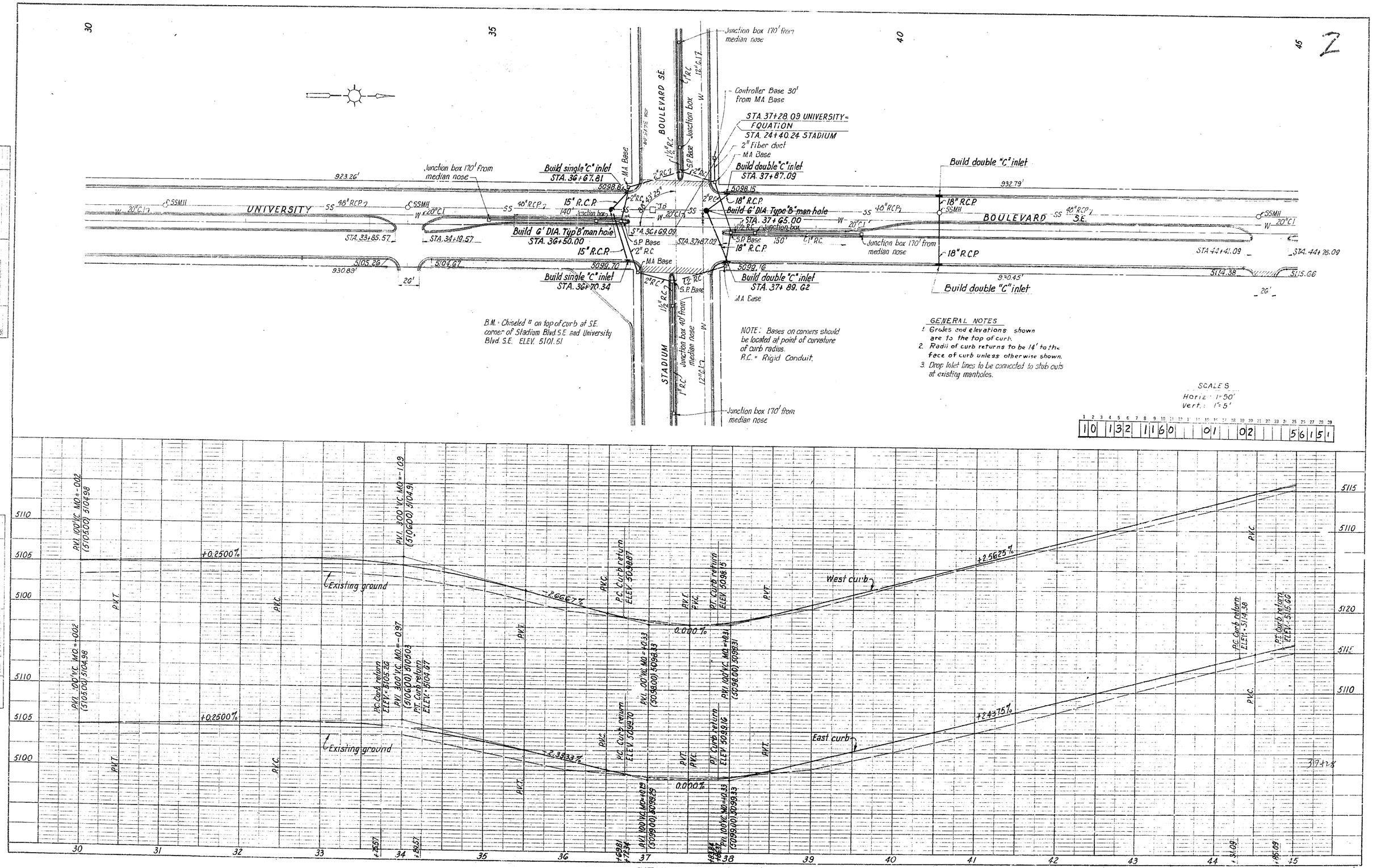


PLATE 1—PLAN—PROFILE O. P. R. & R. E.

PAVING DISTRICT NO. 132 SHEET 11 OF 19

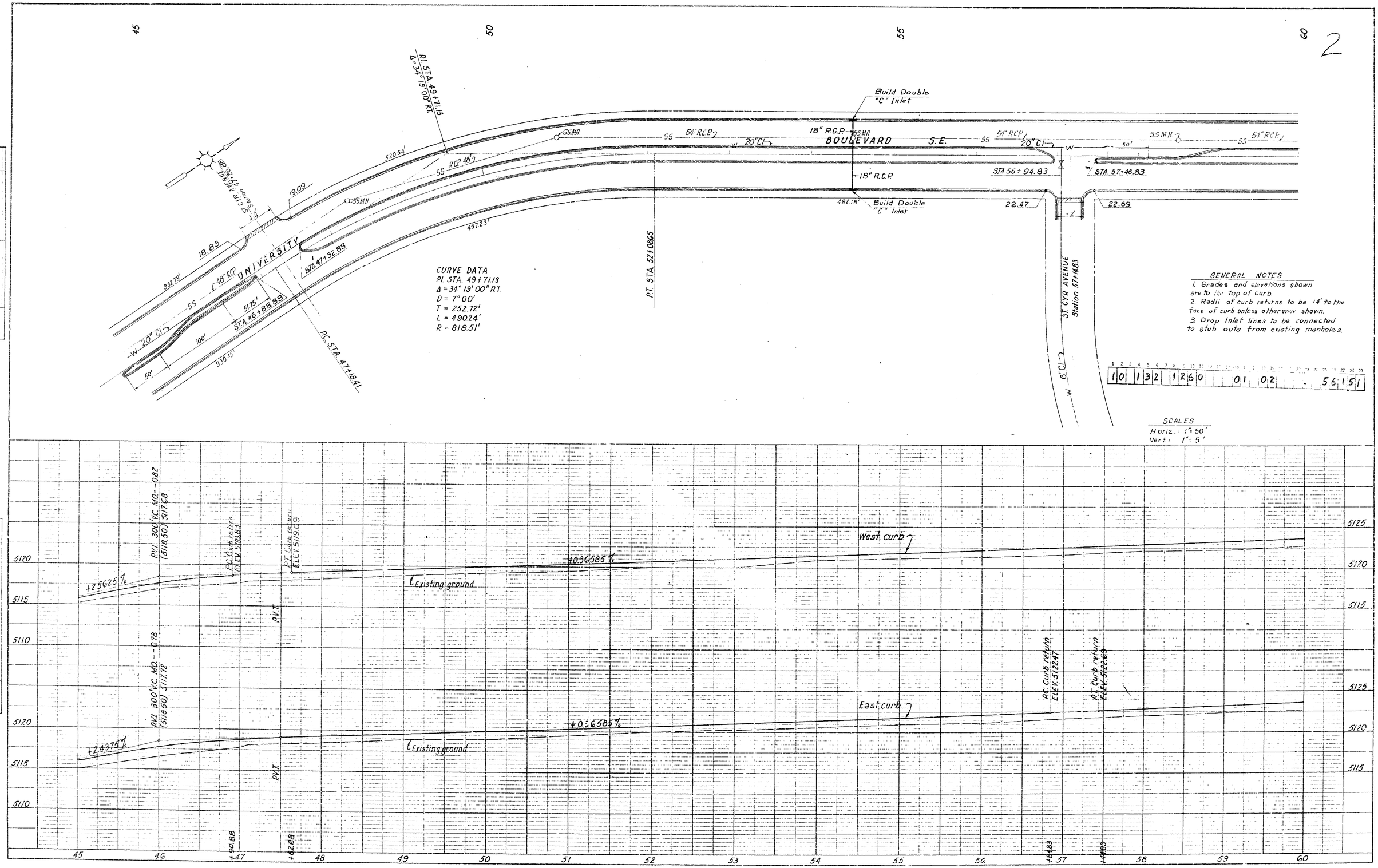


PLATE 1 PLAN-PROFILE O. P. R. S. R. E.

PAVING DISTRICT NO. 132 SHEET 12 OF 19

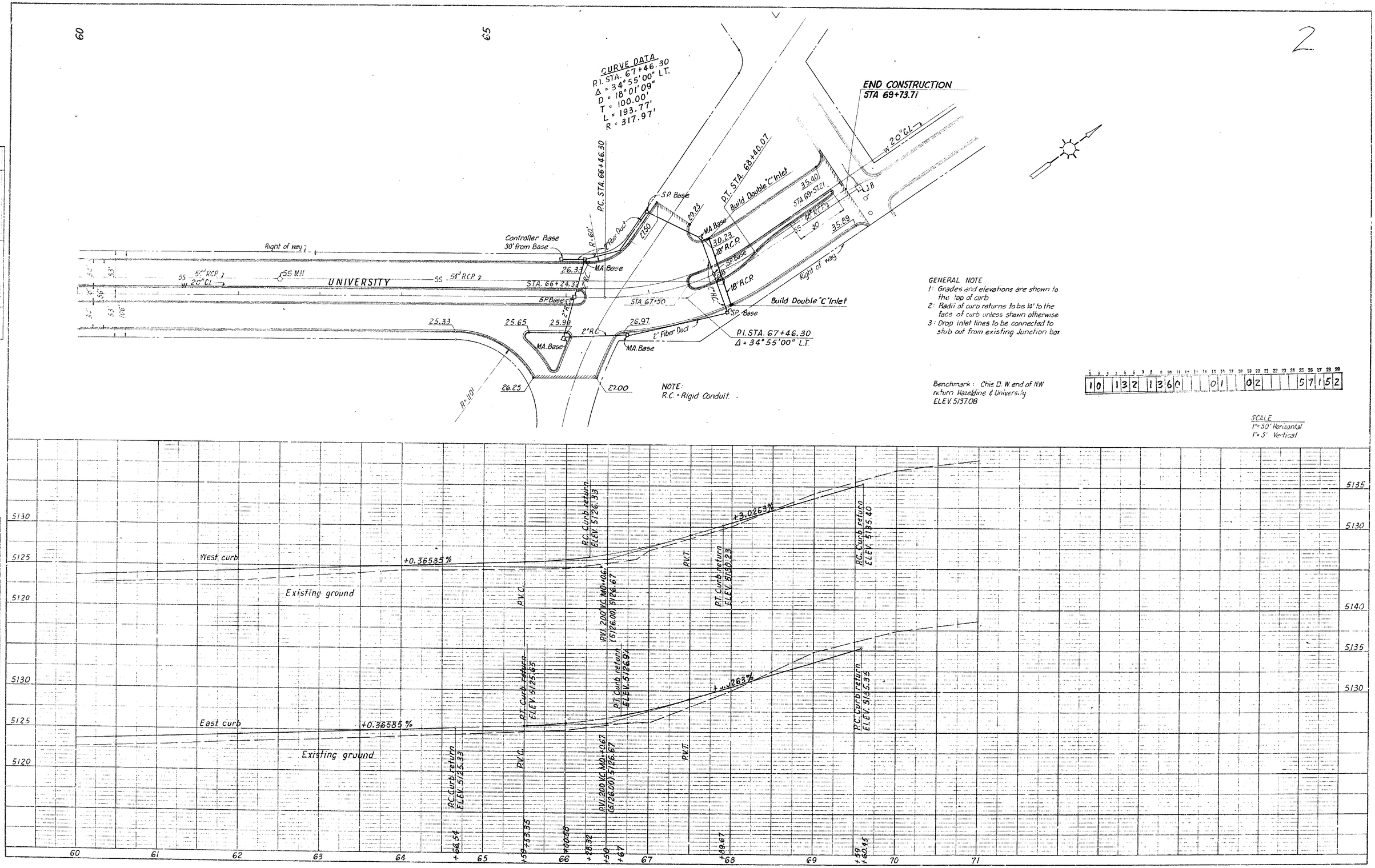
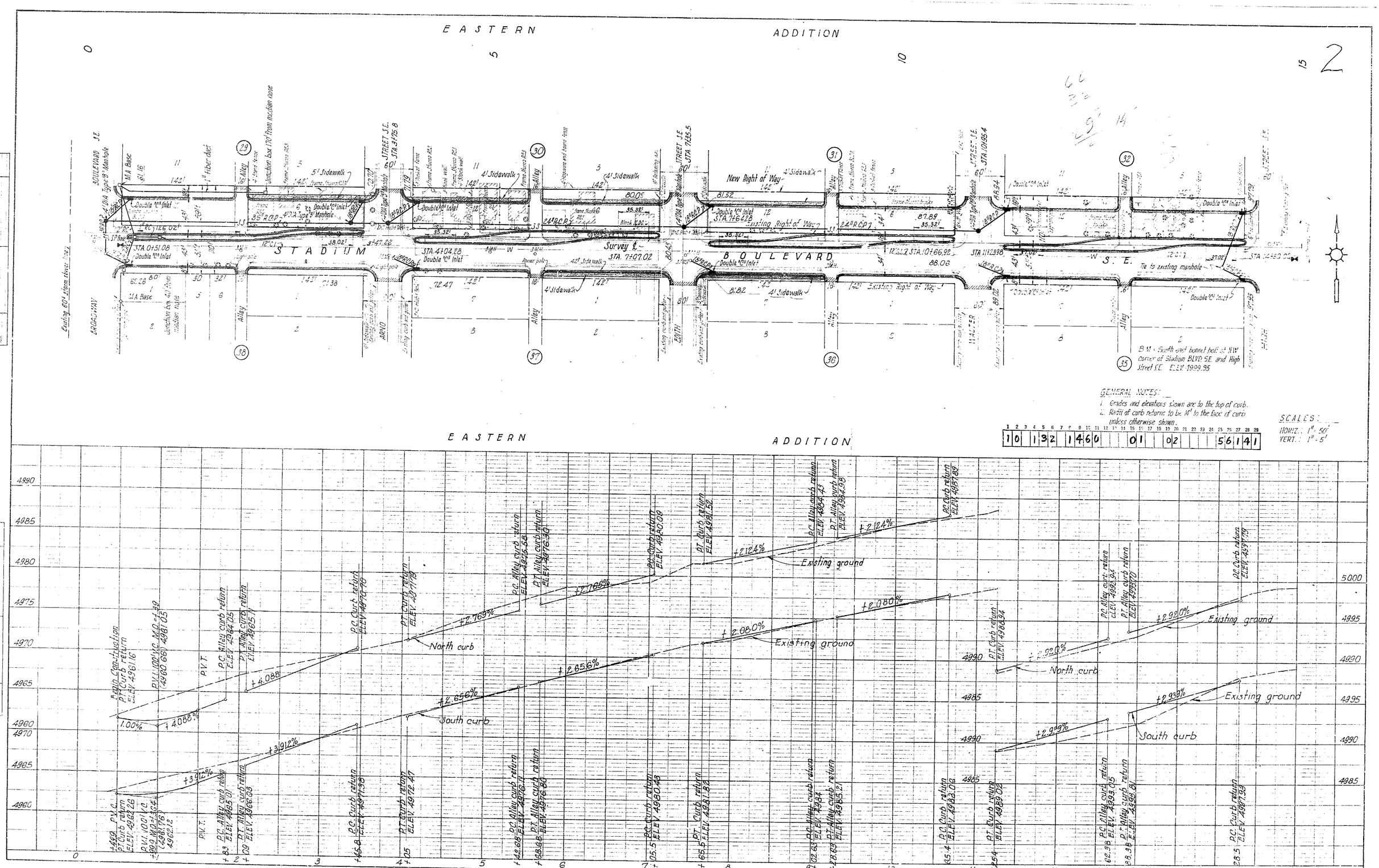


PLATE 1 - PLAN - PROFILE O. P. R. & R. E.

PAVING DISTRICT NO. 132 SHEET 13 OF 19


EASTERN ADDITION
STADIUM BOULEVARD S.E.
BROADWAY
ARNO STREET S.E.
EDITH STREET S.E.
Survey ℄
New Right of Way
Existing Right of Way
Existing 80" storm sewer line
Junction box 170' from median nose
Tie to existing manhole
B.M. - South east bonnet bolt at N.W. Corner of Stadium BLVD. S.E. and High Street S.E. ELEV. 1999.95
GENERAL NOTES:
1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.
SCALES:
HORIZ.: 1" = 50'
VERT.: 1" = 5'
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
10 132 1460 01 02 56141
EASTERN ADDITION
Existing ground
North curb
South curb
Basin Construction
P.V.I. 100' Vc MC0 = +1.39
P.V.I. 100' Vc MC0 = +1.52
P.V.I. 100' Vc MC0 = +1.52
PLATE 1. PLAN-PROFILE O.P.B.A.E.
PAVING DISTRICT NO 132 SHEET 14 OF 19

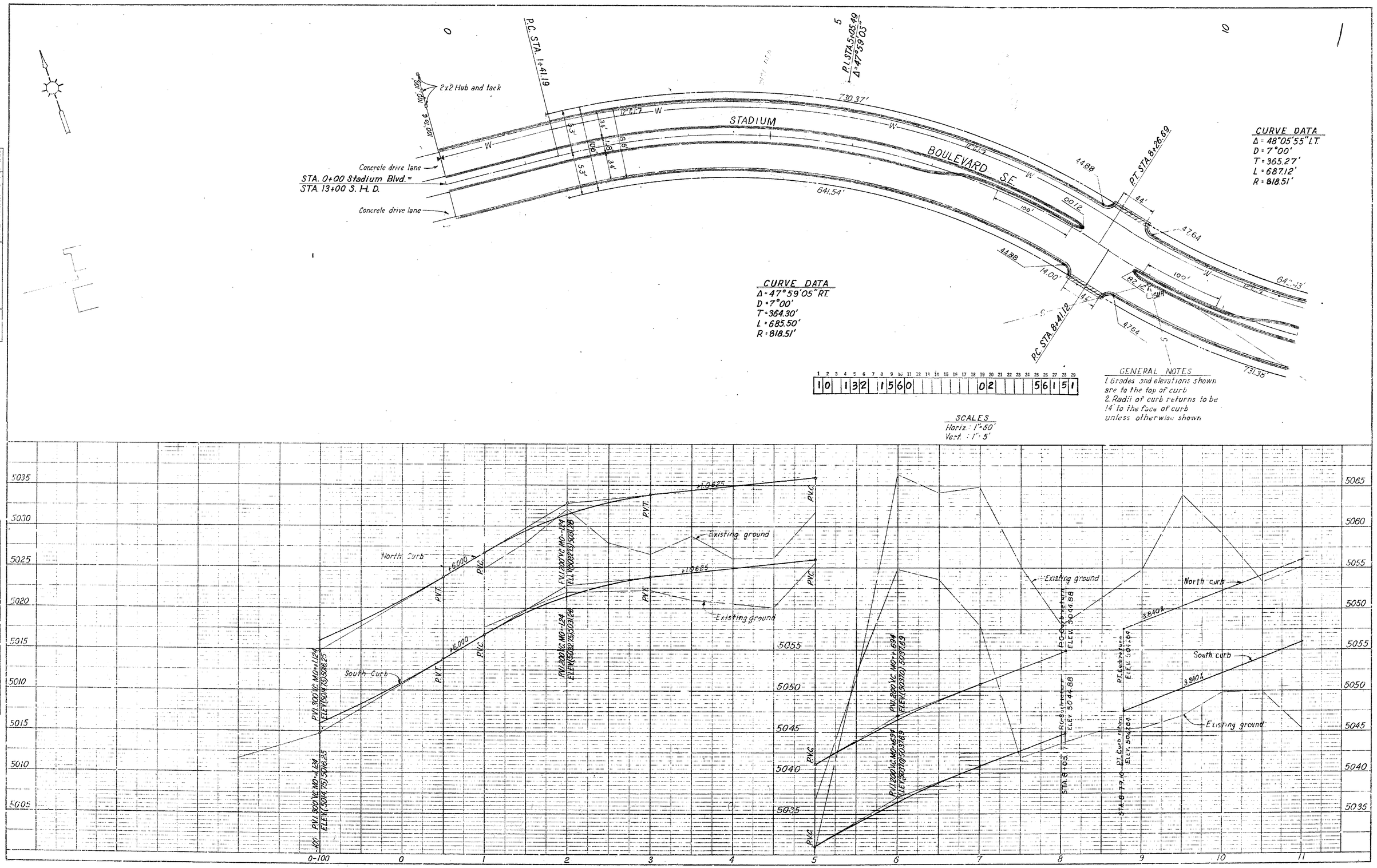
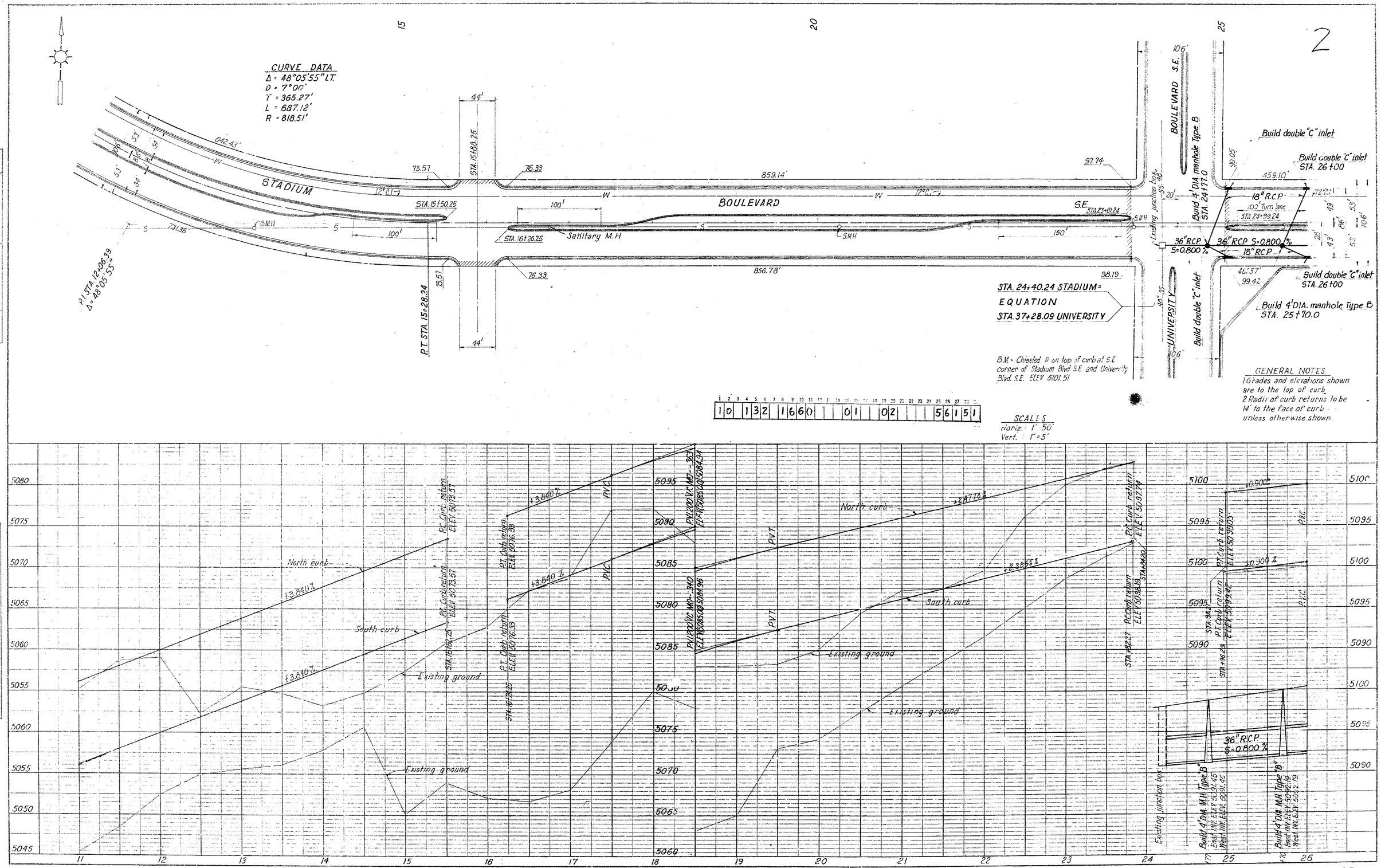


PLATE 1 - PLAN-PROFILE O. P. K. & R. E.
100% RAG PAPER MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY, INC.



PAVING DISTRICT NO. 132 SHEET 16 OF 19

PLATE 1—PLAN—PROFILE O. P. P. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY, INC.

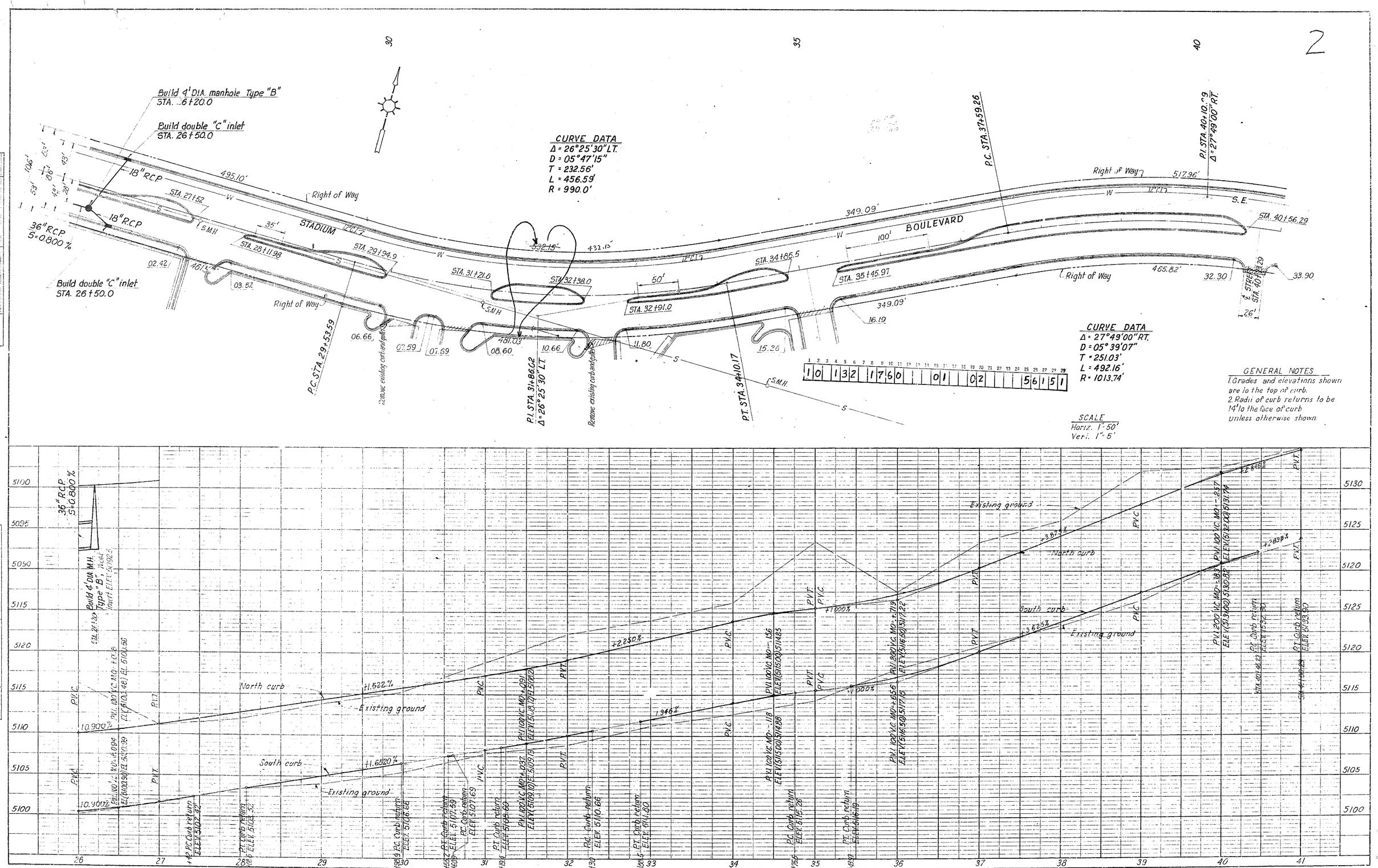
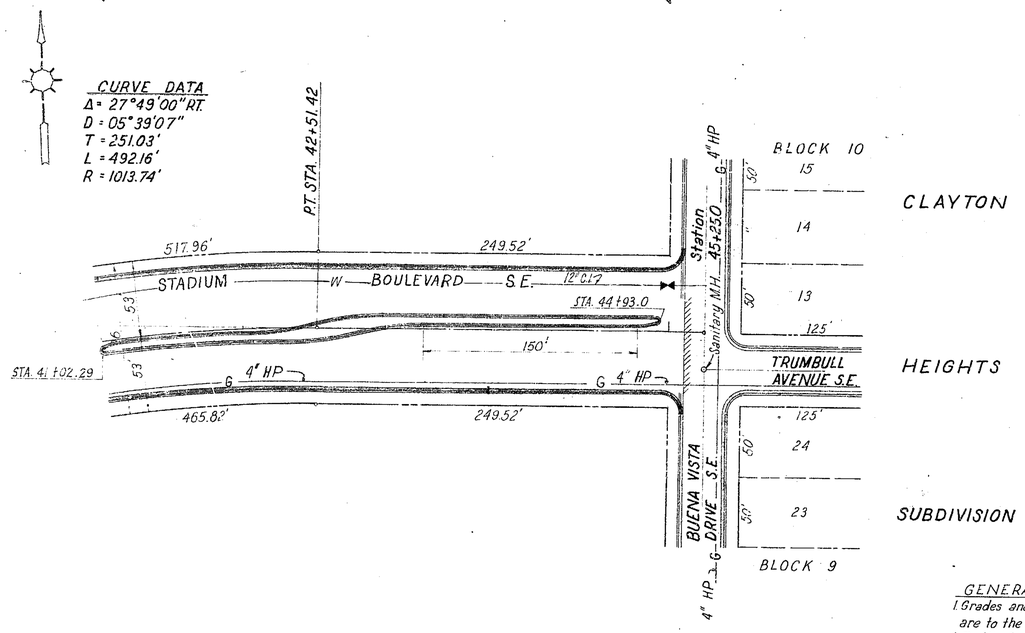


PLATE 1 PLAN-PROFILE O. P. R. & R. E.
PAVING DISTRICT NO. 132 SHEET 17 OF 19



GENERAL NOTES
1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

SCALES
Horiz.: 1" = 50'
Vert.: 1" = 5'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	0		1	3	2		1	8	6	0									0	2					5	6	1	3	1

PLAN			
NOTE BOOK NO. 2	SURVEYED		DATE 3-8-61
	PLOTTED		6-8-61
	ALIGNMENT CHECKED		
	INV. OF MTY CHECKED		

PROFILE			
NOTE BOOK NO. 2	SURVEYED		DATE 3-8-61
	PLOTTED		6-8-61
	GRADE CHECKED		
	S. M. NOTED		
	STRUCTURE NOTE PTS. LIST'D		

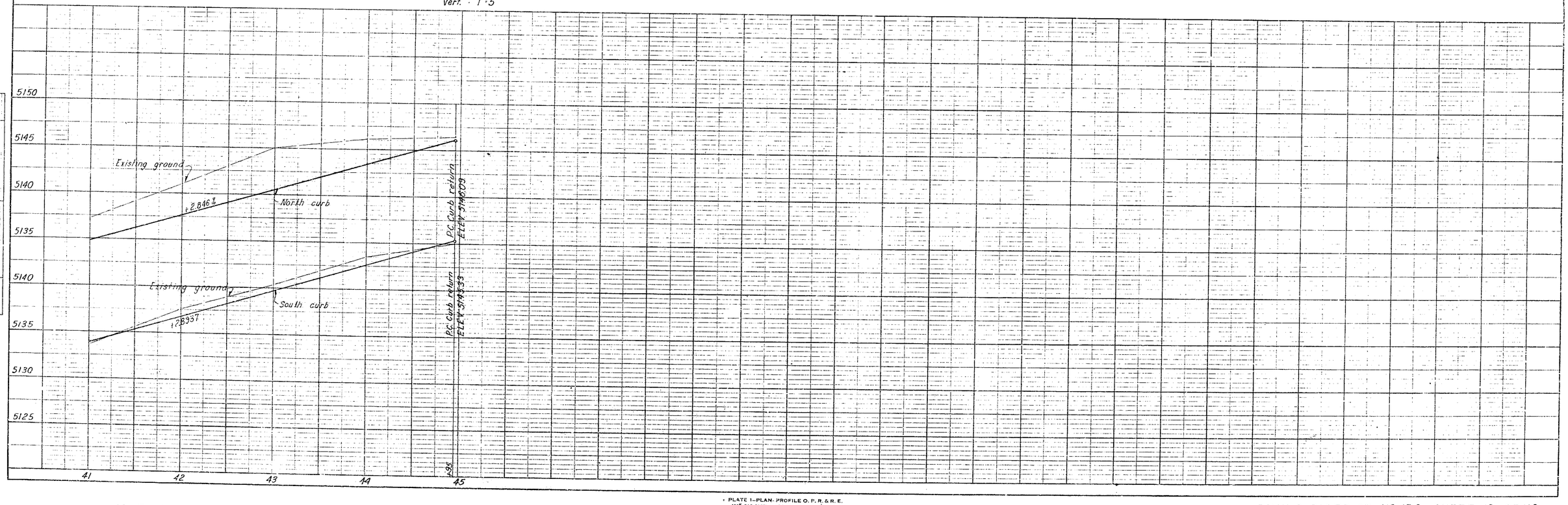


PLATE 1—PLAN-PROFILE O. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
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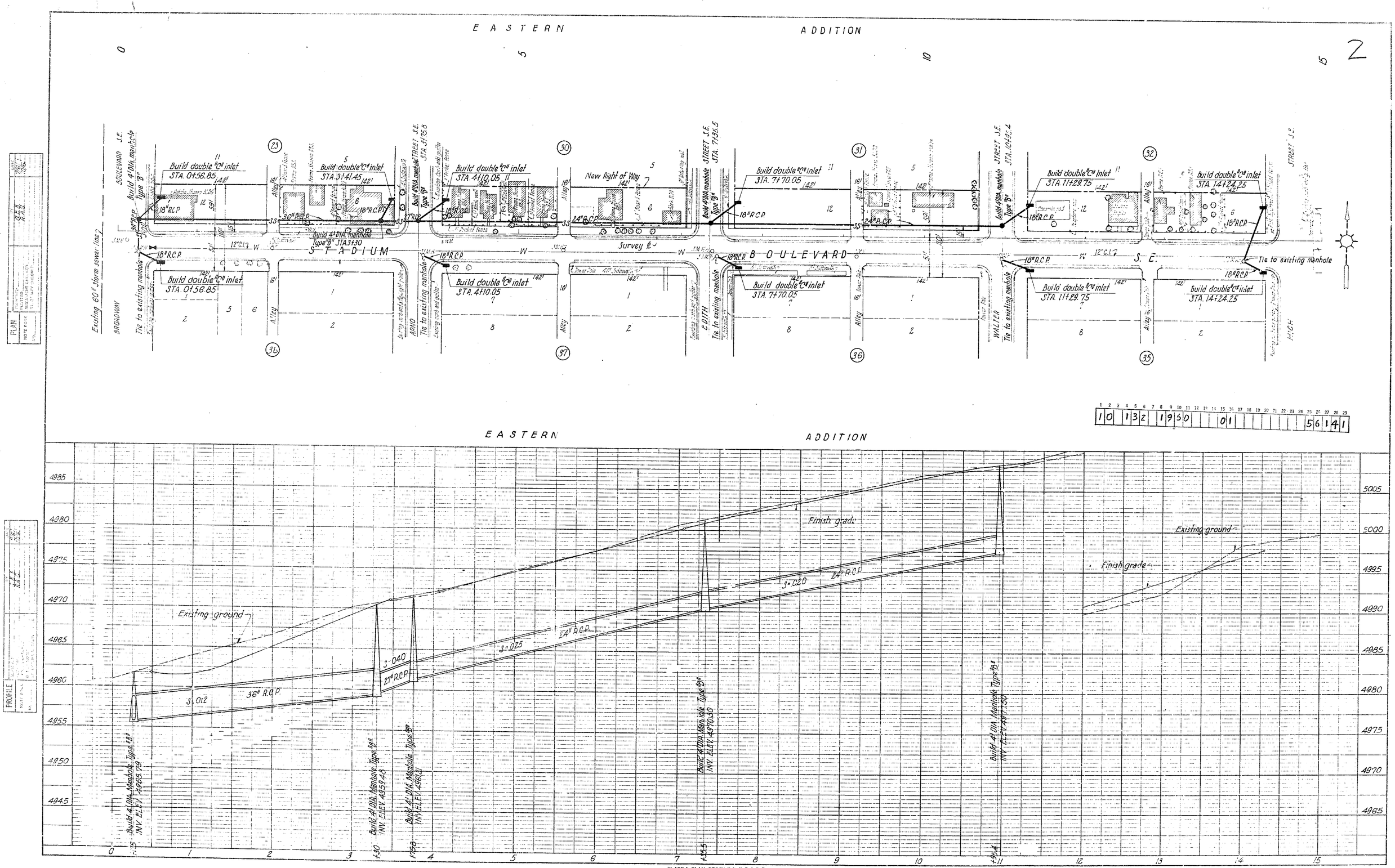

PLATE 1—PLAN—PROFILE C. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY, INC

PAVING DISTRICT NO. 132 SHEET 19 OF 19