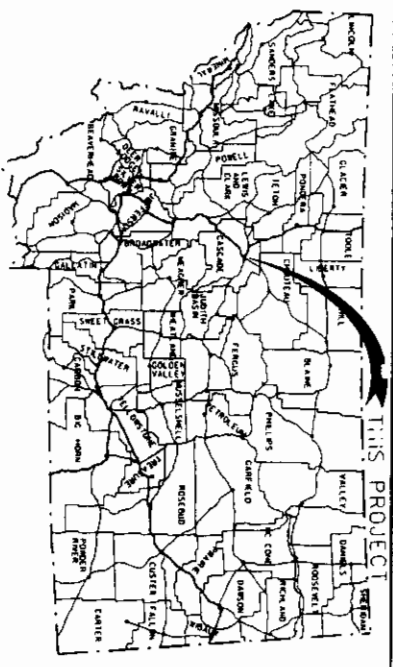




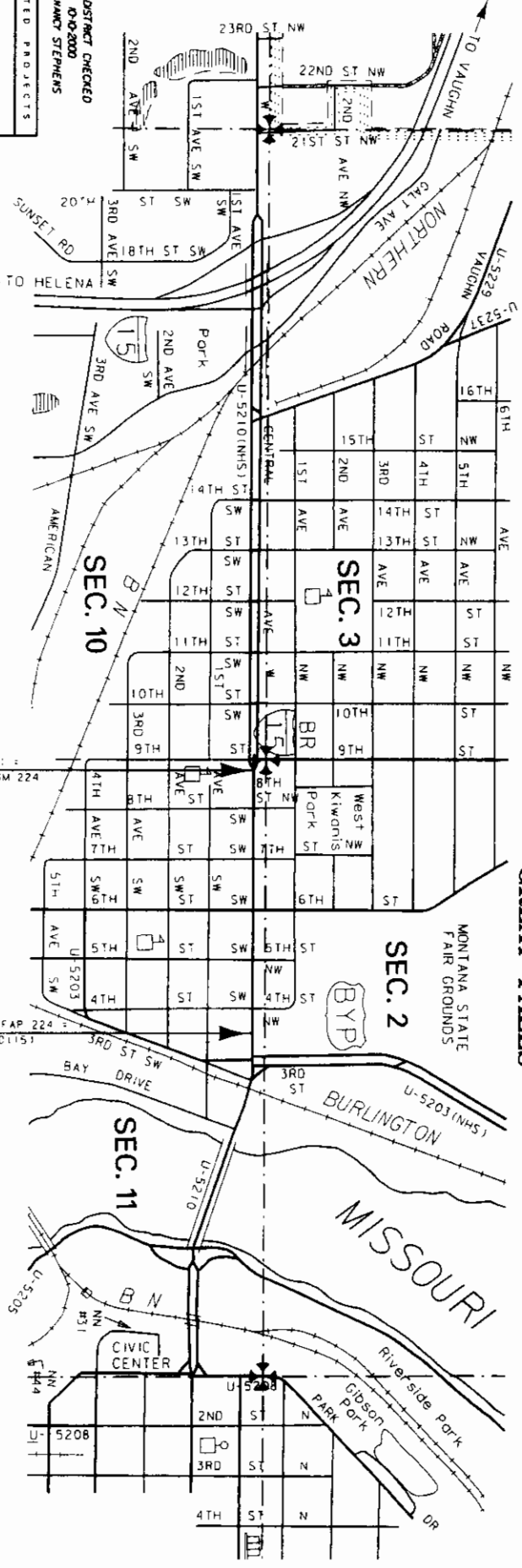
MONTANA DEPARTMENT OF TRANSPORTATION

FEDERAL AID PROJECT NO. RTM 5210(15)
GRADE, GRAVEL, P.C.C.P. SURFACING, CURB & GUTTER
SIDEWALK, & DRAINAGE STRUCTURES
CENTRAL AVE. WEST - 3rd TO 9th
CASCADE COUNTY

LENGTH 0.7 kilometers

SCALES
VERTICAL: 1:50
HORIZONTAL: 1:600
CROSS SECTION - HORIZONTAL & VERTICAL: 1:50

GREAT FALLS



RELATED PROJECTS

DISTRICT CHECKED
0-0-2000
MARC STEPHENS

ASSOCIATED PROJECT
AGREEMENT NUMBERS

RTM 3198

CHARTER NUMBER 3205

DESIGN DATA	
1998 A.D.T. = 17,800	
2018 A.D.T. = 21,700	
D.A.V. = 1950	
D = 55% - 45%	
T = 2.7%	
V = 75 MPH	
ALL TRUCKS = 35 %	
DESIGN SPEED = 100.20 MPH	
GROWTH RATE = 1%	

LETTING DATE - MAY 27, 1999
COMPLETION DATE - JUNE 1, 2000
AS-BUILTS

SURFACING SOURCES
CONTRACTOR FURNISHED

MONTANA DEPARTMENT OF TRANSPORTATION

APPROVED: _____

MAINTENANCE DIRECTOR OF TRANSPORTATION

BY: _____

PRECONSTRUCTION ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____

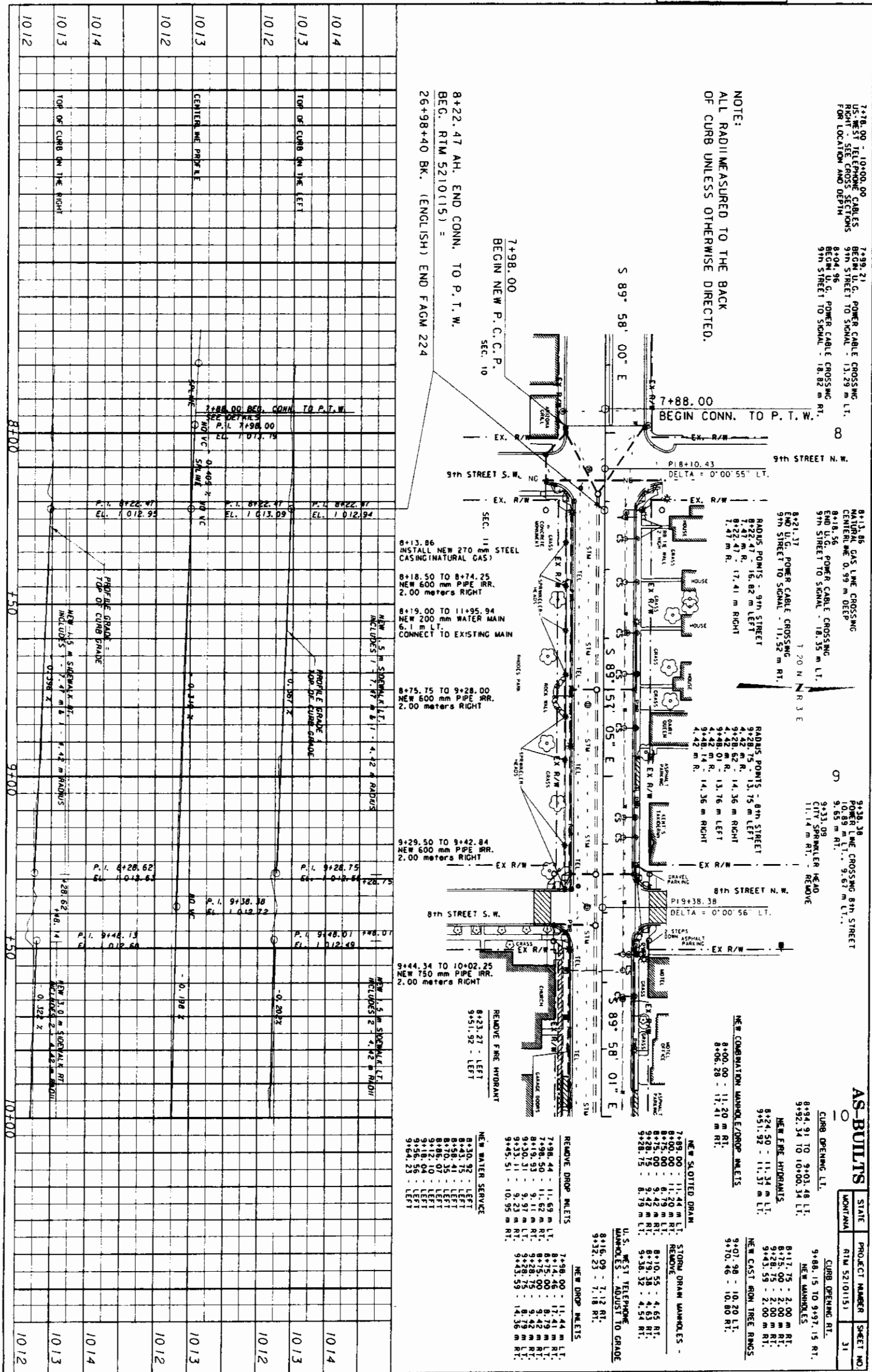
DIVISION ADMINISTRATOR

DATE: _____

7+98.00 - 10+00.00 CABLES
BEG. TEL. CABLE CROSSING
9TH STREET TO SIGNAL - 13.29 m L.T.
BEG. 4.36 G. POWER CABLE CROSSING
9TH STREET TO SIGNAL - 18.82 m RT.

NOTE:
ALL RADII MEASURED TO THE BACK
OF CURB UNLESS OTHERWISE DIRECTED.

8+22.47 A.H. END CONN. TO P.T.W.
BEG. RIM 5210(15) =
26+98+40 BK. (ENGLISH) END FROM 224



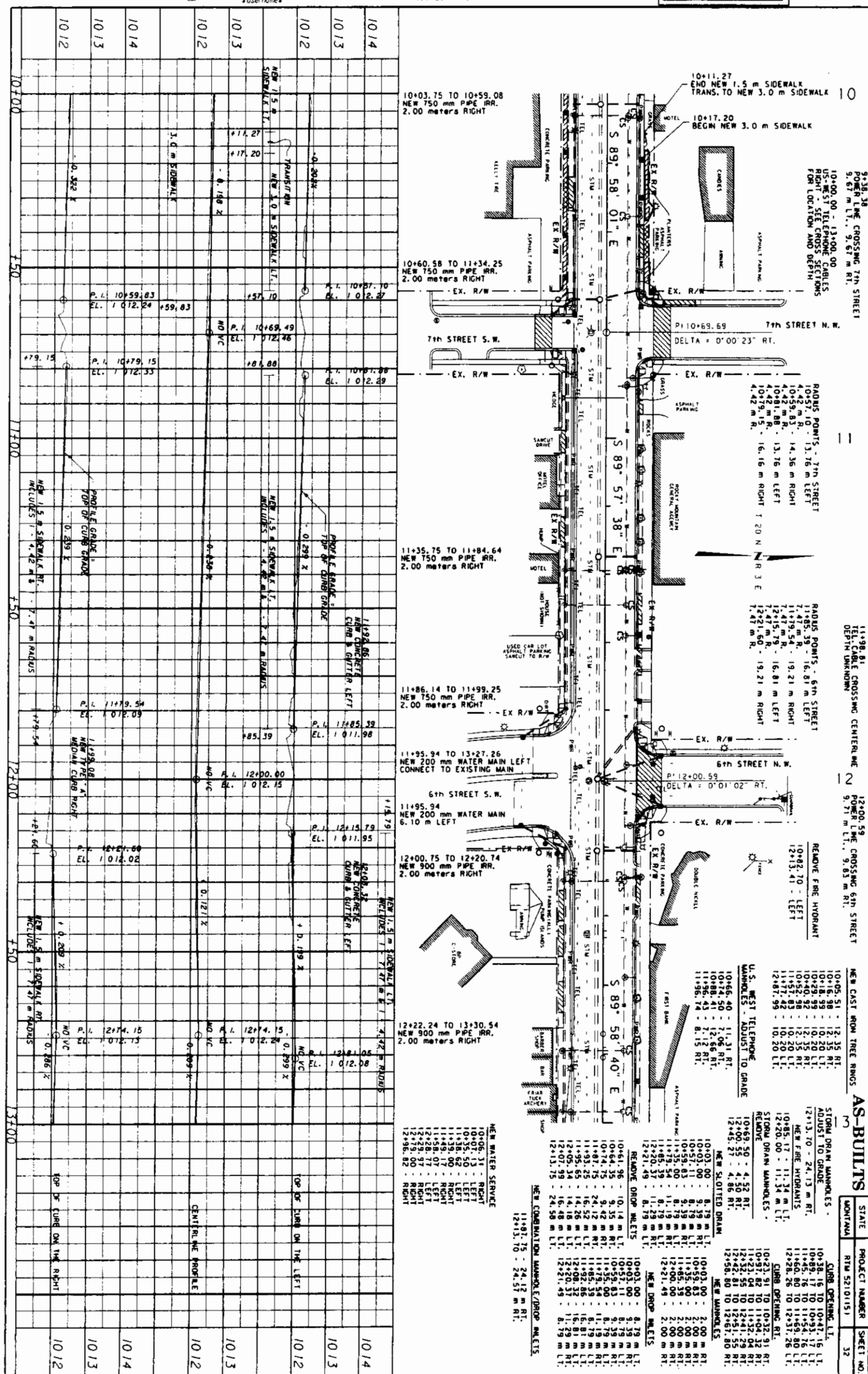
AS-BUILTS		STATE	PROJECT NUMBER	SHEET NO.
0		MONTANA	RIM 5210(15)	31

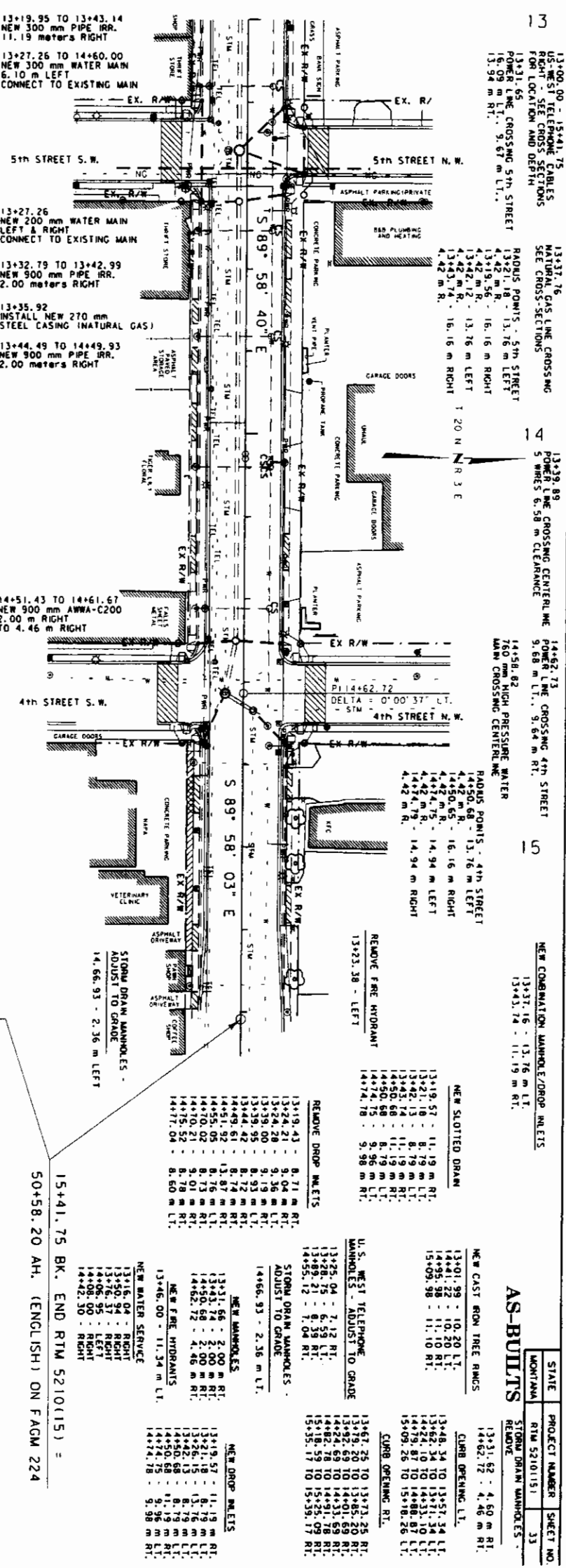
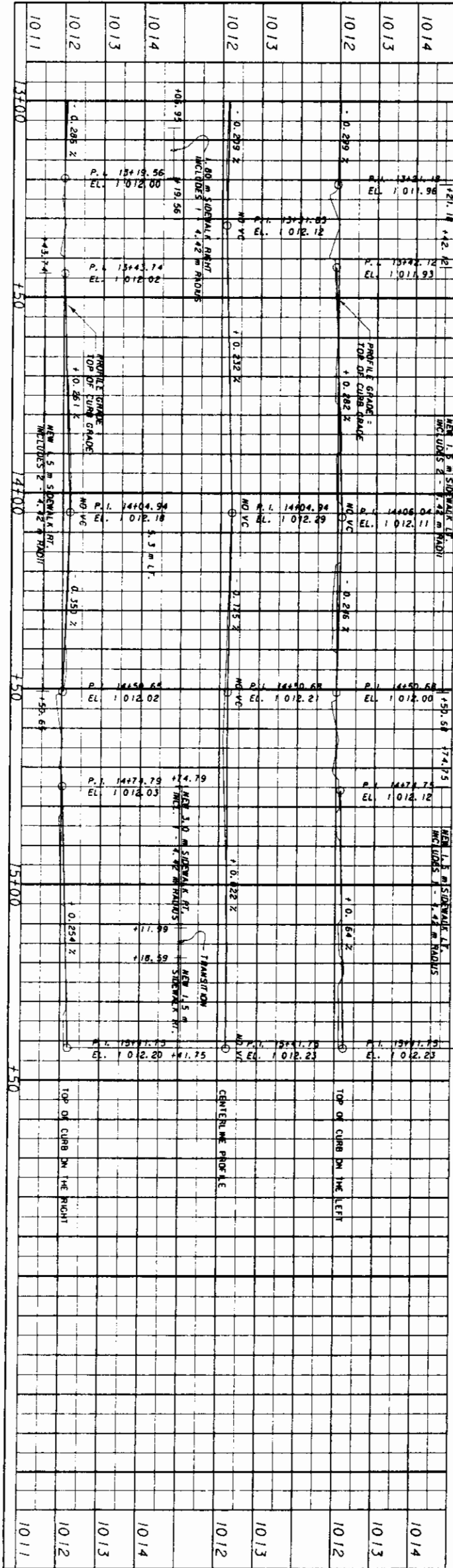
CUB OPENING L.T.		9+88.15 TO 9+97.15 RT.
NEW FIRE HYDRANTS		8+12.75 - 2.00 m RT. 8+28.75 - 2.00 m RT. 9+43.75 - 2.00 m RT.
NEW CAST IRON TREE RINGS		9+07.98 - 10.20 L.T. 9+10.46 - 10.80 RT.

NEW SLOTTED DRAIN		7+98.00 - 11.44 m L.T.
STORM DRAIN MANHOLES - REMOVE		8+10.55 - 4.65 RT. 8+13.38 - 4.51 RT. 9+30.38 - 4.51 RT.
U.S. WEST TELEPHONE MANHOLES - ADJUST TO GRADE		8+16.09 - 7.12 RT. 9+32.23 - 7.18 RT.

REMOVE DROP INLETS		7+98.00 - 11.44 m L.T.
NEW WATER SERVICE		8+30.92 - LEFT 8+48.44 - LEFT 8+70.35 - LEFT 8+86.07 - LEFT 9+12.10 - LEFT 9+18.08 - LEFT 9+58.56 - LEFT 9+64.23 - LEFT

REMOVE FIRE HYDRANT		8+23.27 - LEFT 9+51.92 - LEFT
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AS-BUILTS

STATE	PROJECT NUMBER	SHEET NO.
MONTANA	RTM 5210(15)	33

NEW COMBINATION MANHOLE/DROP INLETS
13+31.16 - 13.76 m LT.
13+43.74 - 11.19 m RT.

NEW SLOTTED DRAIN
13+19.57 - 11.19 m RT.
13+21.18 - 8.79 m LT.
13+42.13 - 11.19 m RT.
13+43.74 - 11.19 m RT.
13+44.75 - 11.19 m RT.
13+45.00 - 8.79 m LT.
13+46.75 - 9.98 m RT.

NEW CAST RIGID TREE RINGS
13+01.99 - 10.20 LT.
13+41.22 - 11.10 RT.
13+42.13 - 11.10 RT.
13+43.74 - 11.10 RT.
13+44.75 - 11.10 RT.
13+45.00 - 8.79 m LT.
13+46.75 - 9.98 m RT.

NEW WATER SERVICE
13+16.04 - RIGHT
13+30.34 - RIGHT
13+36.95 - LEFT
14+08.00 - RIGHT
14+42.30 - RIGHT

NEW DRAIN MANHOLES - ADJUST TO GRADE
13+16.04 - RIGHT
13+30.34 - RIGHT
13+36.95 - LEFT
14+08.00 - RIGHT
14+42.30 - RIGHT

NEW DRAIN MANHOLES - ADJUST TO GRADE
13+16.04 - RIGHT
13+30.34 - RIGHT
13+36.95 - LEFT
14+08.00 - RIGHT
14+42.30 - RIGHT