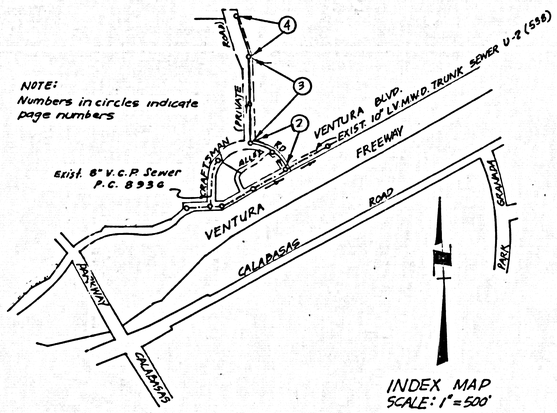
B.M. BY 9030 ELEV. 1005.702
RDBM Tag in cb. 3' S. BCR 55' S. & 44' W. & Int. Calabasas Rd. & Parkway Calabasas.
MALIBU QUAD. 1972

DOUBLE SCALE



INDEX MAP
SCALE: 1"=500'
P.C. 9479

DATE	REVISIONS
11-9-79	REV. NO. 1 - ELIMINATED WYES ON SHEETS 2, 3 AND 4
11-9-79	REV. NO. 2 - ADDED WYE ON SHEET 2
APPROVED Rev. 1 and 2 Fernando R. Miera 11/9/79	

GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE ON THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO COMPOSE TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 5, AND PAY A FEE TO THE COUNTY ENGINEER AT 550 S. VERMONT AVE., LOS ANGELES, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
10. REFER TO SECTION 7-10.2 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
11. THE UNDERGROUND UTILITY COMPANIES WITHIN THE LIMITS OF THIS PROJECT ARE AS FOLLOWS:
    1. LAS VIRGENES WATER DIST.
    2. So. Calif Gas
12. PRIOR TO THE ISSUANCE OF THE REQUIRED CONSTRUCTION PERMIT BY THE COUNTY ENGINEER THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND SHALL FILE A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE COUNTY ENGINEER.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1976 EDITION WITH 77-78 SUPPLEMENTS) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 16, 1971, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
2. THE CONTRACTOR SHALL NOTIFY THE ENV. DEV. DIVISION BY TELEPHONE, (213) 974 7183 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "S", "F", OR "O" PER STANDARD SPECIFICATIONS SECTION 306-2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE CENTER LINE OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-22, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
10. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-22, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "F", (WITH BUSHING, IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 306-2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.7.9 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 306-1.8 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

IF CONTRACTOR SHALL NOTIFY L.V.M.W.D. 24 HOURS PRIOR TO MAKING A CONNECTION TO A L.V.M.W.D. TRUNK SEWER.

PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS

PAGE 1

TO BE CONSTRUCTED IN

CRAFTSMAN ROAD (PVT. ST.)

PRIVATE CONTRACT NO. 9479

W.S. 60 B-4
2 SHEETS; 4 PAGES
SCALE: VERT. 1"=8' HORIZ. 1"=40' DEC., 1977
PREPARED IN THE OFFICES OF
F. R. MIERA & ASSOCIATES
ALHAMBRA, CALIF. 91803
BY: Fernando R. Miera
REG. C. E. No. 24908

47363

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRADLING AND ENCASEMENT	S-22
WYE OR TEE SUPPORT	S-26
ALLOWABLE TRENCH WIDTHS	S-22
SOCKLING MANHOLE FRAME AND COVER	S-32
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-36

COUNTY OF LOS ANGELES, CALIFORNIA
STEPHEN J. KOONCE, COUNTY ENGINEER LAS VIRGENES MUNICIPAL WATER DIST.

APPROVED Gordon W. Kriegl 4-3-79 (DATE) APPROVED by H. W. Stokes GENERAL MANAGER, Edward D. Judd

CHECKED Ralph Daniel 4/3/79 (DATE) DATE: 8/29/79

REQ. C.E. NO. 16453

CALABASAS BLDG. DIST. 9.1 J.N. 0358-11

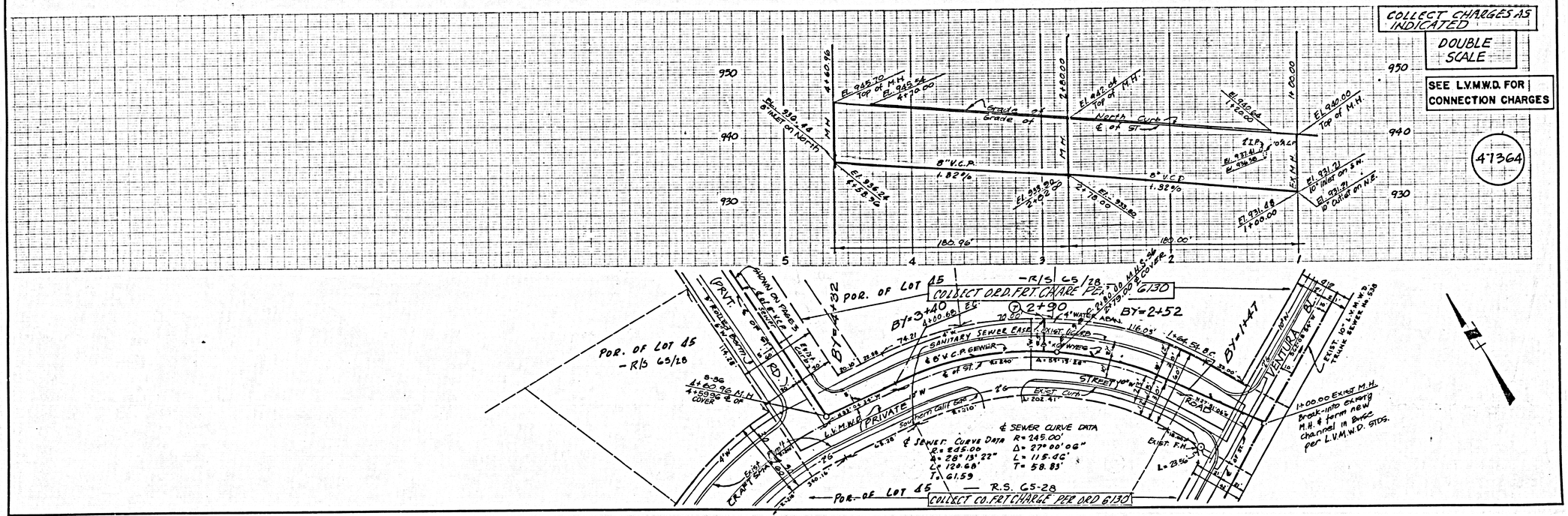
P. C. 9479 PAGE 2

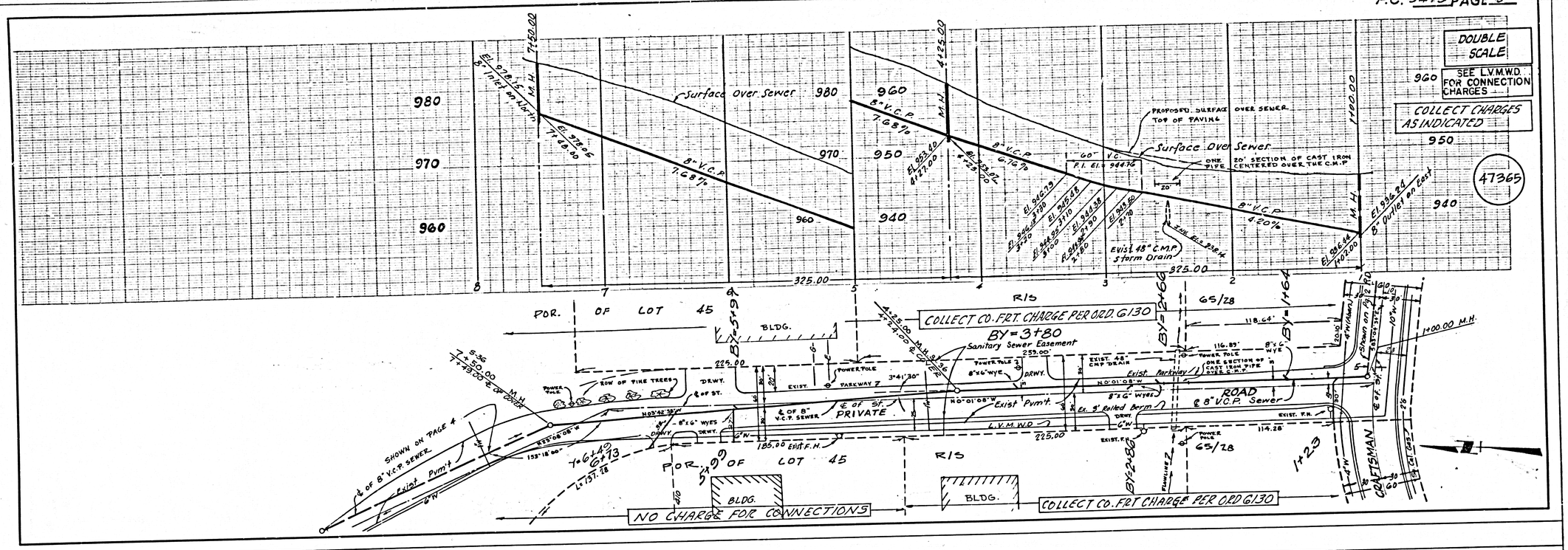
COLLECT CHARGES AS INDICATED

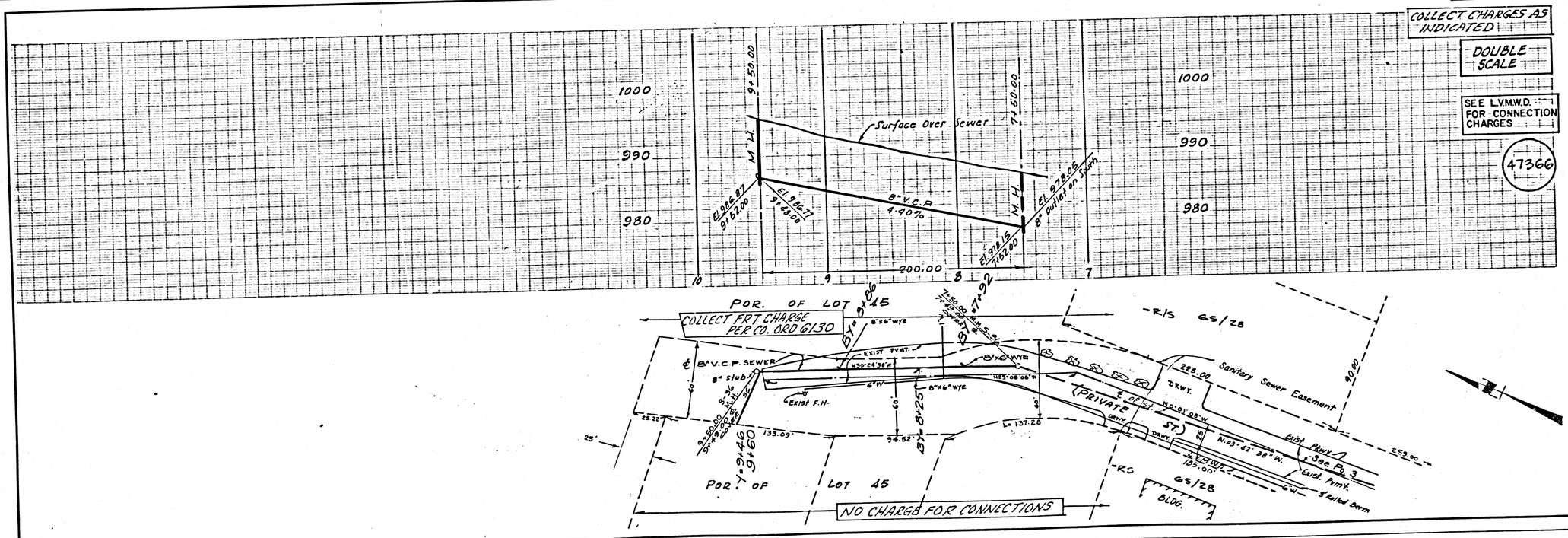
DOUBLE SCALE

SEE L.V.M.W.D. FOR CONNECTION CHARGES

47364




DOUBLE SCALE
SEE L.V.M.W.D. FOR CONNECTION CHARGES
COLLECT CHARGES AS INDICATED
47365
El. 928.15 8" Inlet on North
M.H.
7+50.00
Surface over Sewer
El. 928.05 7+68.00
8" V.C.P. 7.68%
980
970
960
950
940
4+25.00
El. 953.40 4+27.00
8" V.C.P. 6.76%
4+23.50
PROPOSED SURFACE OVER SEWER TOP OF PAVING
60" V.C. P.I. El. = 944.70
ONE PIPE
20' SECTION OF CAST IRON CENTERED OVER THE C.M.P.
El. 946.79 3+20
El. 945.48 3+10
El. 944.28 3+00
El. 943.30 2+90
El. 942.50 2+80
El. 941.80 2+70
Exist 48" C.M.P. Storm Drain
3.0% 83.84
El. 936.24 4+02.00
8" Outlet on East
8" V.C.P. 4.20%
1100.00
325.00
7
6
5
4
3
2
1
R/S
POR. OF LOT 45
BY=5+99
BLDG.
COLLECT CO. FRT. CHARGE PER ORD. G130
BY=3+80
Sanitary Sewer Easement
259.00
65/28
118.64'
BY=1+64
1400.00 M.H.
7+50.00 7+29.00 ℄ of Outlet
M.H.
5.36
225.00
POWER POLE
ROW OF PINE TREES
D'WY.
℄ of St.
EXIST.
PARKWAY
3°41'30"
EXIST. 48" CMP DRAIN
8"x6" WYE
N0°01'08"W
Exist Parkway
ROAD
℄ 8" V.C.P. Sewer
8"x6" WYES
℄ of 8" V.C.P. SEWER
℄ of St.
PRIVATE
L.V.M.W.D.
Exist Pvmt.
Ex. 5' Railed Berm
EXIST. F.H.
116.89'
114.28
SHOWN ON PAGE 4
℄ of 8" V.C.P. SEWER
Exist Pvmt.
6"W
N65°08'08"W
153.18.80'
Y=6442
G+13
L=157.28
185.00 EXIST. F.H.
POR. OF LOT 45
R/S
BY=2+82
BLDG.
NO CHARGE FOR CONNECTIONS
COLLECT CO. FRT CHARGE PER ORD G130
FURNITZ
65/28
1+29
GRETSMAN
℄ of St.
Shown on Pg 2
N0°01'08"W 315.33'
4"W
10"W
8"W
12"W
6"W
20.00
30
60


COLLECT CHARGES AS INDICATED
DOUBLE SCALE
SEE L.V.M.W.D. FOR CONNECTION CHARGES
47366
1000
990
980
9+50.00
M.H.
7+60.00
Surface over Sewer
El. 984.87 9+52.00
El. 976.71 9+45.00
8" V.C.P. 9.40%
El. 978.05 8" outlet on South
El. 972.15 7+52.00
200.00
10
9
8
7
POR. OF LOT 45
COLLECT FRT CHARGE PER CO. ORD G130
BY=8+86
8"x6" WYE
EXIST PVMT.
8"x6" WYE
℄ 8" V.C.P. SEWER
8" stub
N30°24'38"W
N35°08'08"W
6"W
EXIST F.H.
8"x6" WYE
℄ of St.
PRIVATE
DRWY.
N0°01'08"W
Exist Pvmt.
Sanitary Sewer Easement
265.00
90.00
R/S
65/28
BY=7+92
9+50.00
9+49.00
9+46
POR. OF LOT 45
133.09
94.52
L=137.28
25'
25.22'
℄ 8" V.C.P. SEWER
8" stub
NO CHARGE FOR CONNECTIONS
BLDG.
N.23°42'38"W.
Exist Pvmt.
See Pg 3
5' Railed Berm
6"W
105.00'