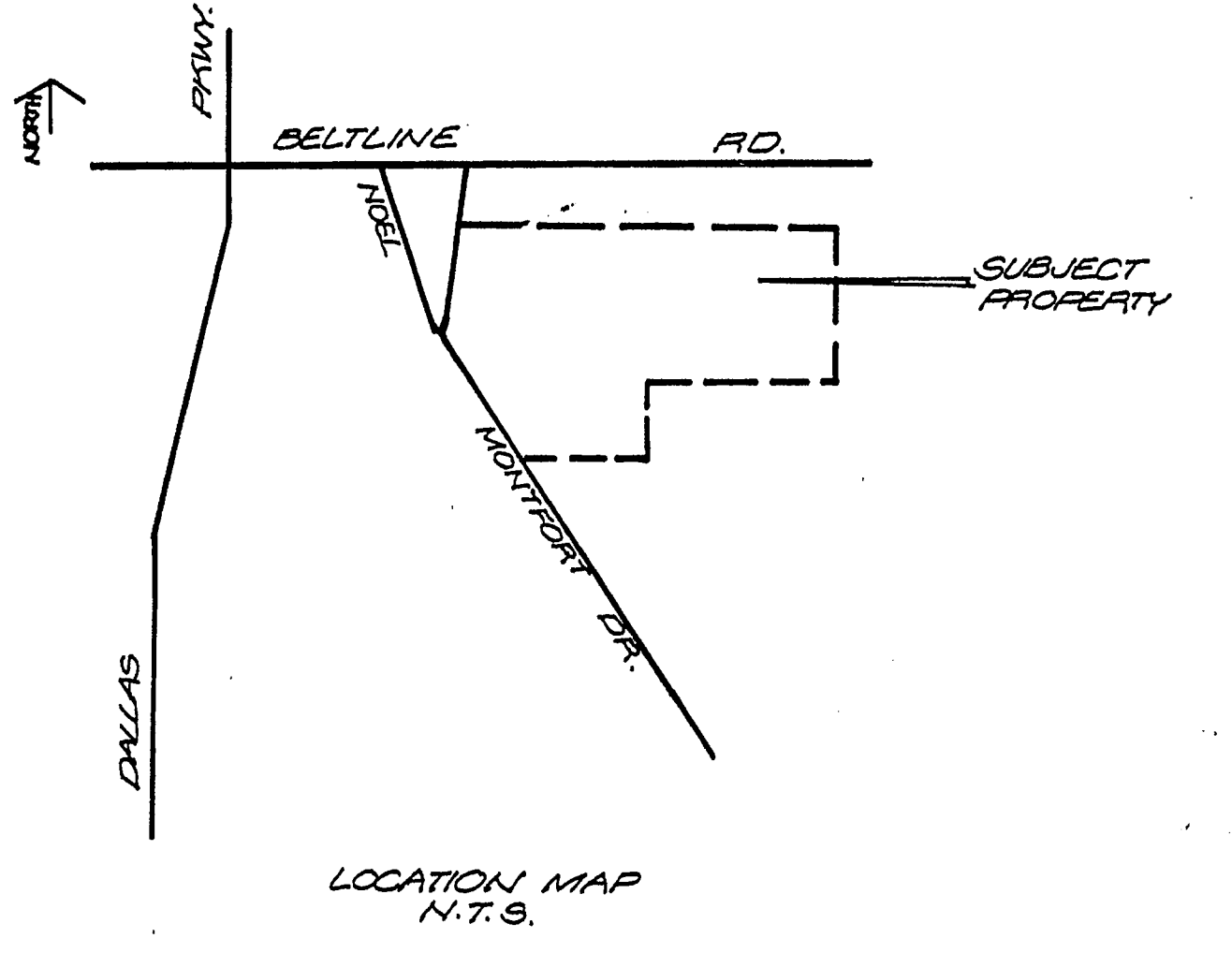
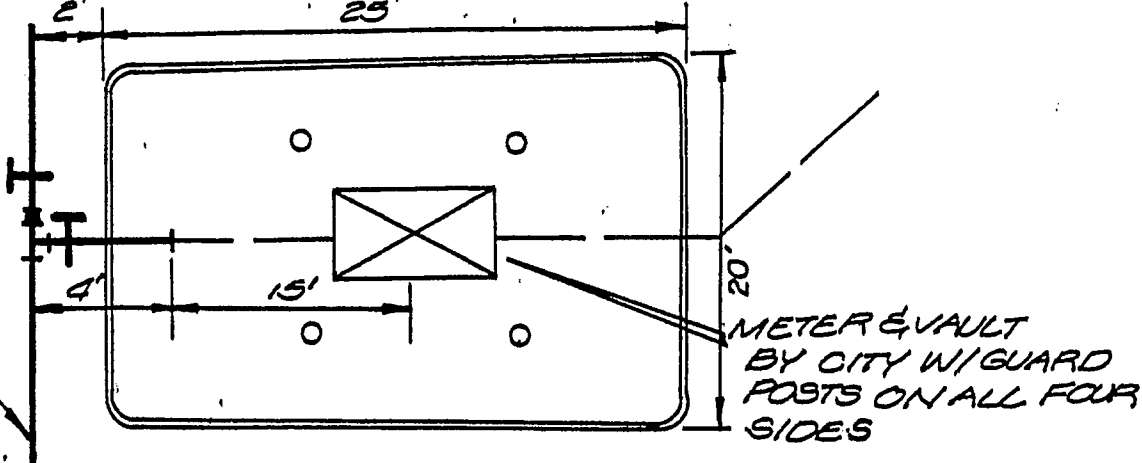


- GENERAL NOTES**
1. ALL WATER MAINS SHALL BE DUCTILE IRON CLASS 51 WATER PIPE WITH POLYETHYLENE WRAP ON PIPE, FITTINGS AND F.H. BASES.
 2. ALL 8" D.I. WATER MAINS SHALL BE P.V.C. CLASS 200 WATER EXCEPT IN FILL AREAS AND MAJOR AND SECONDARY THOROUGHFARES AS FOLLOWS:
FOR P.V.C. SERVICE TAPS 1" AND LARGER - TAPPING SADDLE SHALL BE USED.
 3. ALL WATER MAINS SHALL HAVE A MINIMUM COVER BELOW FINISHED GRADES AS FOLLOWS: 6" 8"-48", 12"-60" OR AS REQUIRED TO CLEAR OTHER UTILITIES.
 4. EXTEND WATER SERVICES AND SANITARY SEWER LATS. AS SHOWN.
 5. WATER AND SANITARY SEWER ESMTS. SHALL ALSO INCLUDE ADDITIONAL AREA OF WORKING SPACE FOR CONSTRUCTION AND MAINTENANCE OF THE SYSTEMS. ADDITIONAL ESMT AREA IS ALSO CONVEYED FOR INSTALLATION AND MAINTENANCE OF MANHOLES, CLEANOUTS, FIRE HYDRANTS WATER SERVICES, FROM THE MAIN TO THE CURB OR PUMP LINE, AND THE DESCRIPTIONS OF SUCH ADDITIONAL EASEMENTS HEREIN GRANTED SHALL BE DETERMINED BY THEIR LOCATIONS AS INSTALLED.
 6. ALL WATER SERVICES SHALL BE COPPER AND LOCATED AS SHOWN. SIZED AND REFERENCED AS FOLLOWS: "d", "b", "c", "g" - 2"
 7. ALL SANITARY SEWER LATS. SHALL BE LOCATED AS SHOWN. SIZED AND REFERENCED AS FOLLOWS: "p", "q", "r", "s" - 6"
 8. COMPACTED FILL MUST BE IN PLACE PRIOR TO CONSTRUCTION OF WATER & SEWER MAINS.
 9. WATER SERVICES (1/2") TO EXIST WATER MAINS SHALL BE INSTALLED BY CONTRACTOR.



Prestonwood Pond II
4110-1960 SH. 92, 93

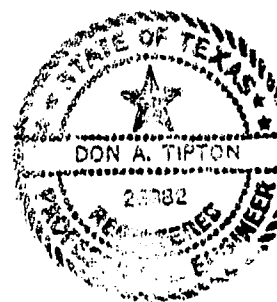


Stonegate Company Ltd. & Montfort Joint Venture - Sept. 21, 1981
 1-Variable width water main esmt. #3-10'
 San. Sew. Esmts.
 Easement Strip No. 1 - Variable width Water main esmt. (98.3' x 40' x 15' x 30' x 76.18' x 1228') in Lot D-1 Bk 2
 Easement Strip No. 2 - 10' San. Sewer esmt. Line "A" from Sta. 0+00 to Sta. 0+74 ± Lot D-1 Bk 2
 Easement Strip No. 3 - 10' San. Sew. esmt. Line "B" from Sta. 0+05 ± to Sta. 0+80 ±
 Temp Work Space Granted
 C.O. 812830
 Vol. 81223 Pg. 15 35

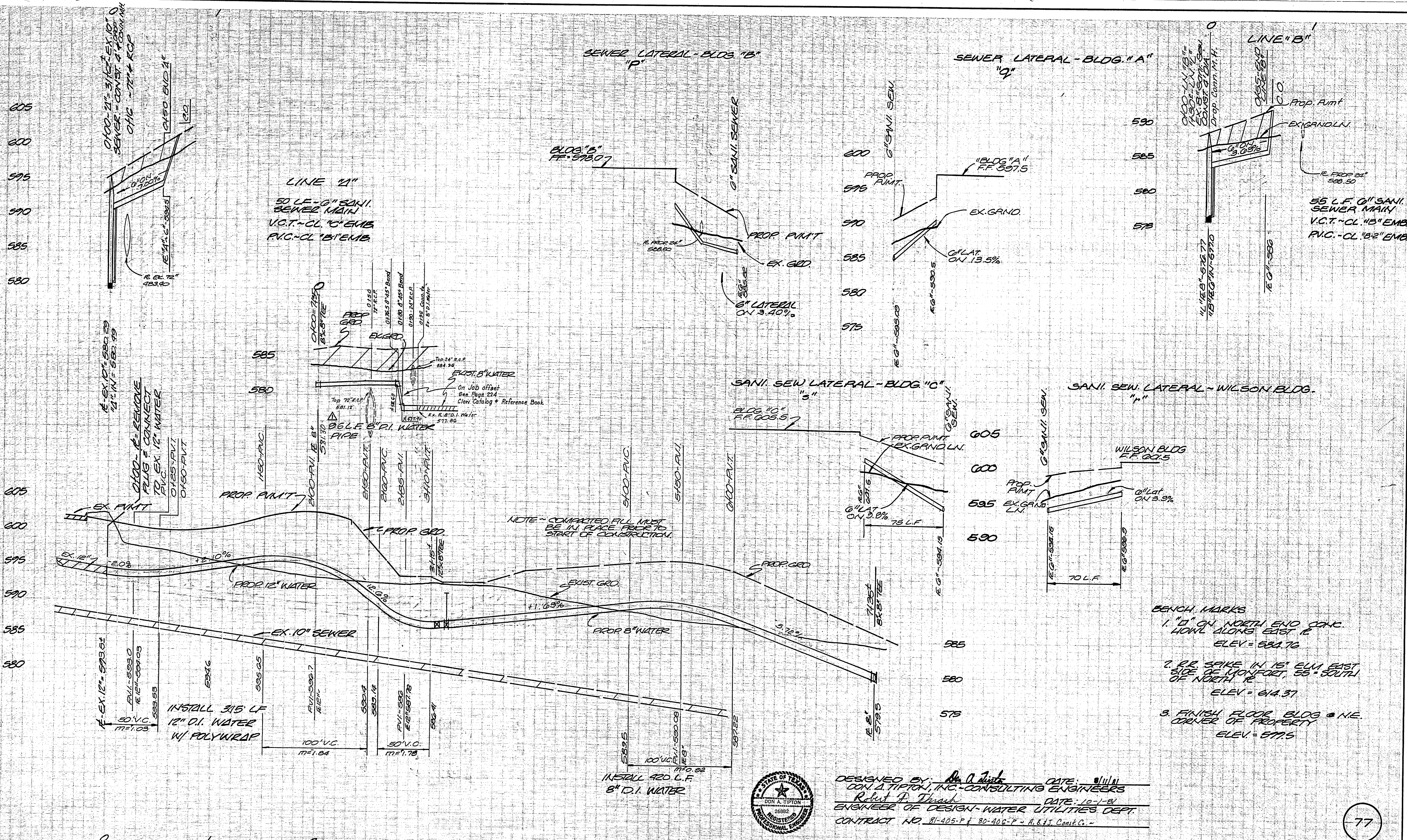
Stonegate Company Ltd. & Montfort Joint Venture - Sept. 21, 1981
 10' Utility Esmt. Beginning at a point on the East R.O.W. line at Montfort Dr. 275.47' from the South Corner of Oaks North-East No. 4 Extending into Lot D-1 Bk 2 Eastway 730' x Temp Work Space Granted
 Co. 812830
 Vol. 81220 Pg. 985 Date 11-11-81

DESIGNED BY: *Don A. Tipton* DATE: 8/11/81
 DON A. TIPTON, INC. - CONSULTING ENGINEERS
 Robert F. Thrash DATE: 10-1-81
 ENGINEER OF DESIGN - WATER UTILITIES DEPT.
 CONTRACT NO. BI-405P BI-406P A.B.E.T. Construction Co.
 R.O.W. APPROVAL: *J.L. Teel* 10-21-81
 Subject to Letter

Revision of 8" D.I. WATER
 DESIGNED BY: *Don A. Tipton* DATE: 11/3/81
 Don A. Tipton, Inc. Consulting Engineers
 Robert F. Thrash DATE: 11-6-81
 ENGINEER OF DESIGN WATER UTILITIES DEPT.



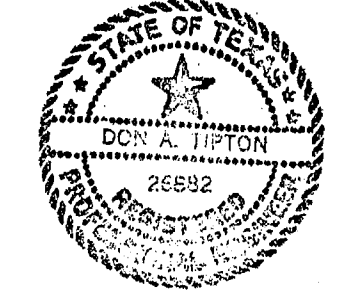
WATER & SEWER PLAN				
PRESTONWOOD JUNCTION CENTER				
DON A. TIPTON, INC. - CONSULT. ENGRS.				
DALLAS WATER UTILITIES DEPT.				
CITY OF DALLAS, TEXAS				
DESIGN-DRAWN DATE	SCALE	NOTE	FILE	NO.
D.A.T. INC.	8/81	1"=40'	D.A.T.	411Q 1960



NOTE - COMPACTED FILL MUST BE IN PLACE PRIOR TO START OF CONSTRUCTION



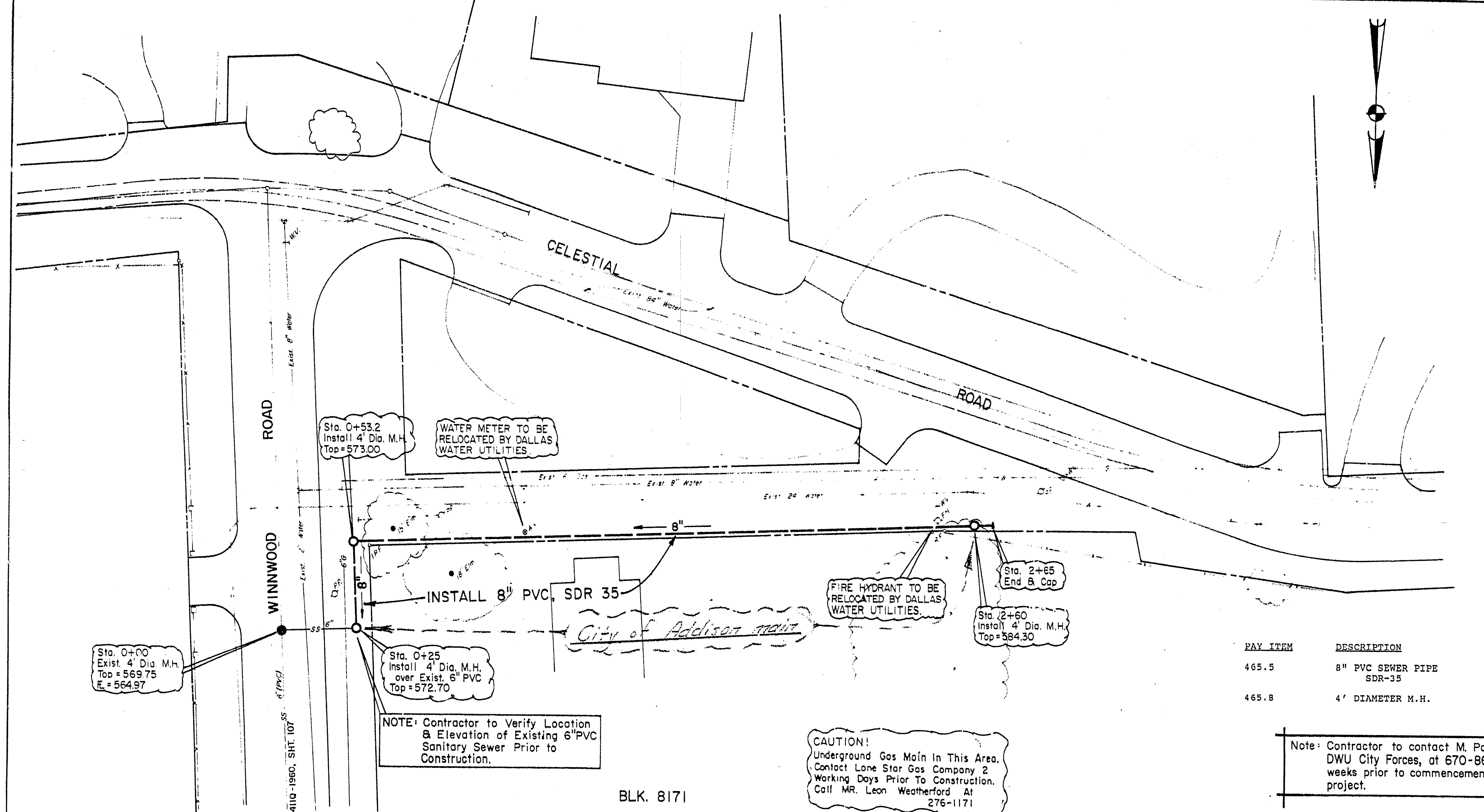
DESIGNED BY: *Don A. Tipton* DATE: 8/11/81
 DON A. TIPTON, INC. - CONSULTING ENGINEERS
 Robert P. Treadwell DATE: 10-1-81
 ENGINEER OF DESIGN - WATER UTILITIES DEPT.
 CONTRACT NO. 81-405-P + 80-406-P - R. B. J. Const. Co.



Revision of 8" D.I. WATER
 DESIGNED BY: *Robert P. Treadwell* DATE: 11/3/81
 Don A. Tipton, Inc. Consulting Engineers
 Robert P. Treadwell DATE: 11-6-81
 ENGINEER OF DESIGN WATER UTILITIES DEPT.

- BENCHMARKS
- 1" I.D. ON NORTH END CONC. HOWL ALONG EAST R. ELEV. = 584.76
 2. IR SPIKE IN 16" ELM EAST SIDE OF MONFORT, 55' SOUTH OF NORTH R. ELEV. = 614.37
 3. FINISH FLOOR BLDG @ N.E. CORNER OF PROPERTY ELEV. = 577.5

WATER & SEWER PROFILE					
PRESTONWOOD JUNCTION CENTER					
DON A. TIPTON, INC. - CONSULT. ENG.					
DALLAS WATER UTILITIES DEPT.					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
DAT. INC.	DAT. INC.	8/81	1"=40' H 1"=6' V	DAT. INC.	411Q 1980



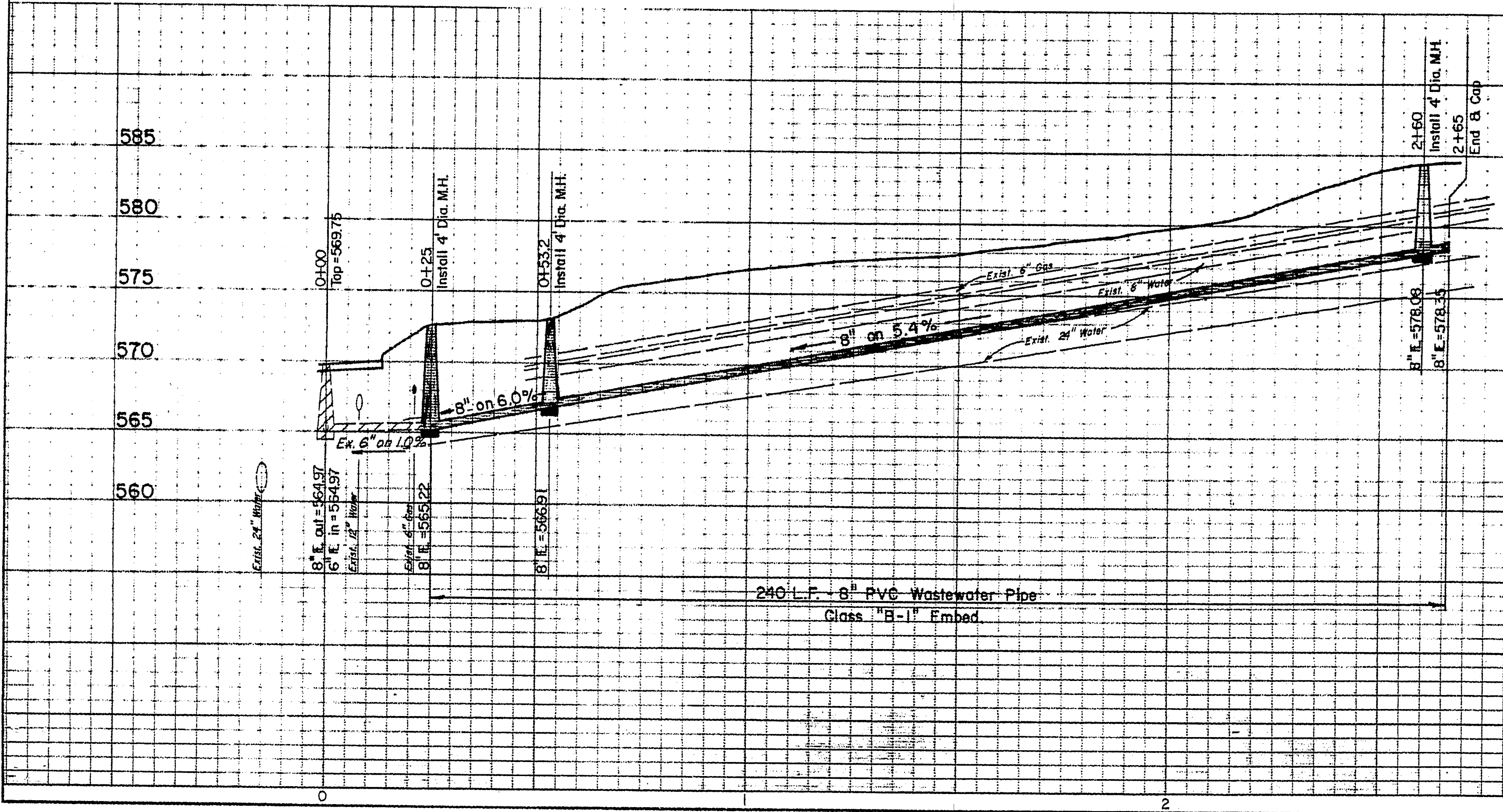
PAY ITEM	DESCRIPTION	UNIT	QTY
465.5	8" PVC SEWER PIPE SDR-35	LF	240
465.8	4' DIAMETER M.H.	EA	3

NOTE: Contractor to Verify Location & Elevation of Existing 6" PVC Sanitary Sewer Prior to Construction.

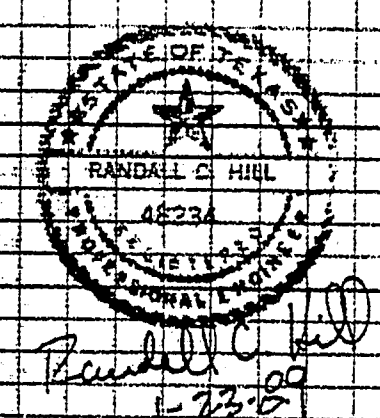
CAUTION!
Underground Gas Main In This Area.
Contact Lone Star Gas Company 2
Working Days Prior To Construction.
Call MR. Leon Weatherford At
276-1171

Note: Contractor to contact M. Parsley, Manager of DWU City Forces, at 670-8692, at least two weeks prior to commencement of work on this project.

B.M. "□" CUT ON HEADWALL, EAST SIDE OF WINNWOOD, 180' SOUTH OF BELT LINE ROAD. ELEV. 555.79 (M.S.L.)
B.M. "□" CUT CENTER FRONT PORCH 5555' CELESTIAL ROAD. ELEV. 577.95 (M.S.L.)



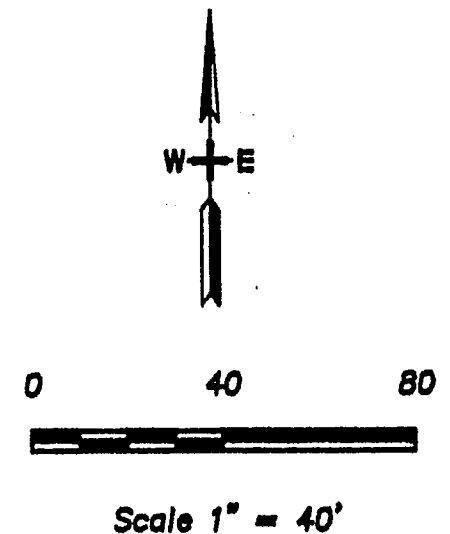
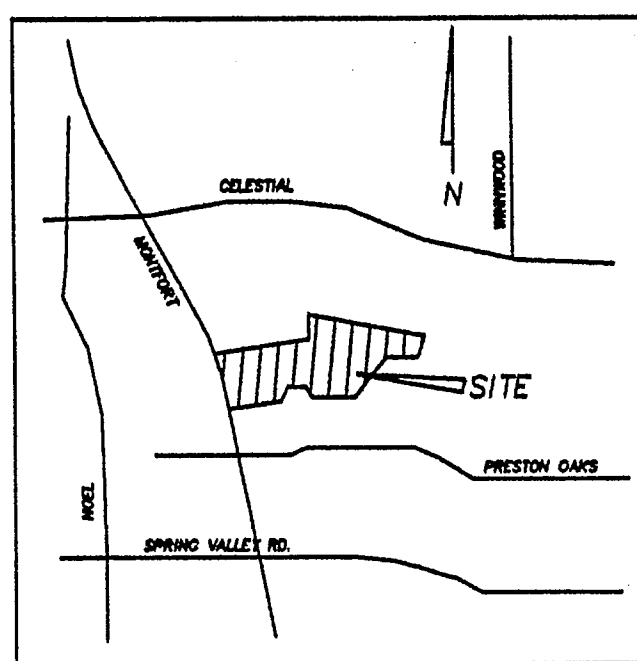
110



**WATER & SANITARY SEWER
WINNWOOD RD. SAN. SWR. IMPROVEMENTS
PLAN & PROFILE**

WATER UTILITIES DEPARTMENT
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
TEC	TEC	DEC. 1988	1" = 20' H 1" = 6' V		411Q	1960



SAN. SEWER CURVE DATA

CV. 1 DELTA = 15°48'07"
RADIUS = 250.00'
TANGENT = 34.69'
LENGTH = 68.95'
CHORD = 68.73'

CV. 2 DELTA = 11°18'40"
RADIUS = 250.00'
TANGENT = 24.76'
LENGTH = 49.35'
CHORD = 49.27'

CLIFFORD V. SLAGLE
ET UX
VOL. 5247, PG. 0547

TRACT 2
SOUTHERN HOSPITALITIES
VOL. 73144, PG. 0841

STA. 3+33 LINE "A" P.T.
CONST. STD. 4.0'
DIA. MANHOLE W/6" LAT SW

STA. 2+38.50 LINE "A"
CONST. STD. 4.0'
DIA. MANHOLE

EX. STA. 5+70.16 =
STA. 0+00 LINE "A"
REMOVE 21 LF OF EX.
8" & CONN. TO EX. M.H.

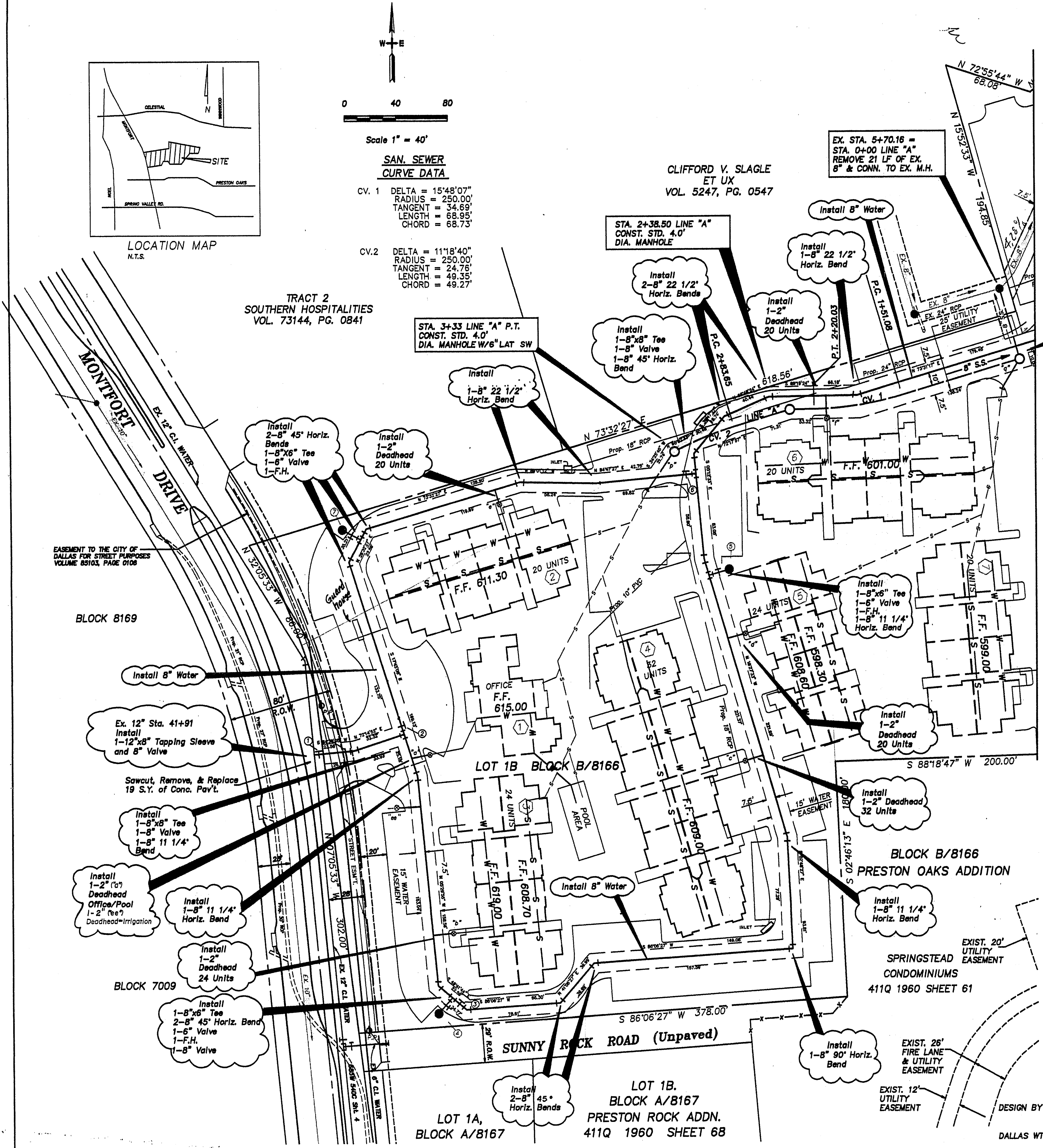
STA. 0+56 LINE "A"
CONST. STD. 4.0'
DIA. DROP M.H. WITH
6" DROP CONN. LATERAL S.W.
Δ = 89°23'50"

GENERAL NOTES:

- Ohms Reading 2000 - 4500 cm³
- All water mains shall be ductile iron Class 52 water pipe with polyethylene wrap on pipe, fittings, and fire hydrant bases.
- Extend water deadheads and sanitary sewer lateral 2' beyond proposed curbs.
- Water and sanitary easements shall also include additional area of working space for construction and maintenance of the system.
- All 6" thru 15" wastewater mains where PVC pipe is used as an alternate - shall be ASTM 3034 (SDR 35) or ASTM F789/D3212.
- All water deadheads shall be copper and located as shown. Sized and referenced as follows:
2" Total = 18
"a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", "l", "m", "n", "o", "p", "q", "r", "s", "t", "u", "v", &w ex. 6"
6" Total = 7
"p", "q", "r", "s", "t", "u", "v", &w ex. 6"
Total: 7-6" laterals (proposed)
1-6" lateral (existing)
- All wastewater laterals shall be located as shown. Sized and referenced as follows:
6" Total = 7
"p", "q", "r", "s", "t", "u", "v", &w ex. 6"
Total: 7-6" laterals (proposed)
1-6" lateral (existing)
- The City of Dallas will evaluate the performance of the prime contractor. A copy of this evaluation will be furnished to the contractor.
- The maximum allowable trench width for all pipe thru 12" diameter shall be 32".
- Set nozzle of fire hydrant at height between 18" and 24" from finish ground elevation.
- The Certificate of Acceptance (COA) will not be issued until all water and wastewater appurtenances have been adjusted to their final positions.

1.00 = 2.00
2.00
3.00
4.00
5.00
6.00
7.00
140

MATCH LINE SEE SHEET 117



Install New FH's per Appurt. 414W-21

Valve Covers on Existing Water Mains Being Abandoned to be Removed and Paved Over to Match Existing Grade.

Remove Existing FH's and Deliver to D.W.U. Yard No. 2, 2901 Municipal.

NOT THIS CONTRACT
Sanitary Sewer Lateral C.O.'s
By Permit. Contact Permits
at 214/948-4500.
(Except as Noted)

Wastewater laterals being connected to exist. mains to be installed by Contractor.

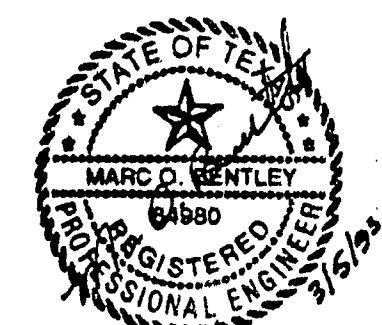
BENCH MARK NOTES

- B.M. NO. 1 STD. W.D.B.M. "□" CUT ON CONCRETE BASE OF A 6" HIGH BRICK WALL AT THE NORTHEAST CORNER OF CELESTIAL ROAD AND MONTFORT DRIVE. ELEV.=626.81
- B.M. NO. 2 "X" CUT AT P.R.C. IN CENTERLINE OF PRESTON OAKS ROAD AT HIDDEN SPRINGS COURT. ELEV.=600.76

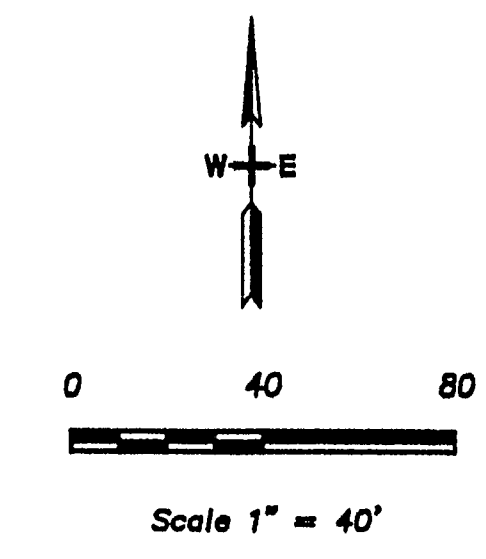
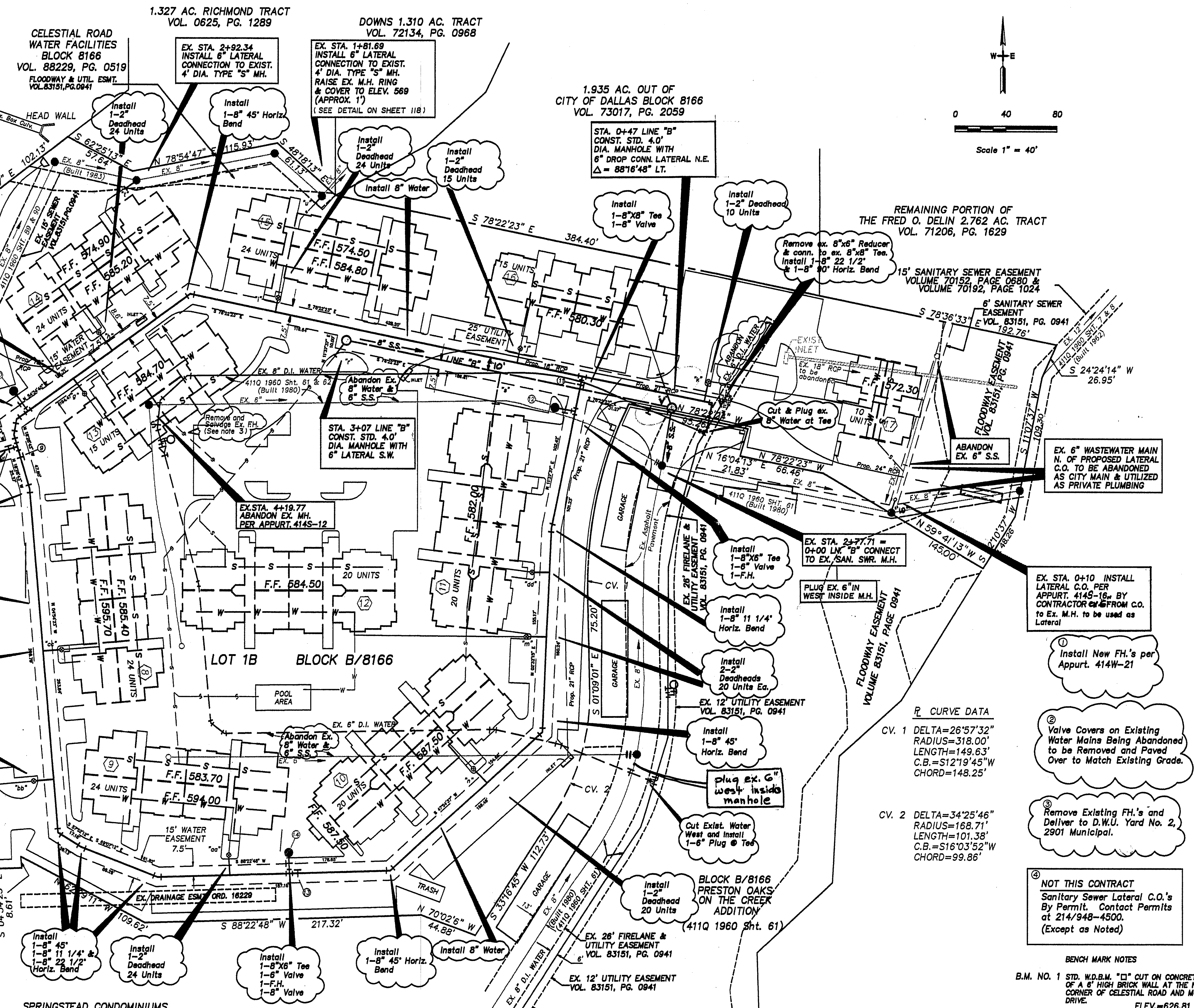
547,898 SQUARE FT.
12.578 TOTAL ACRES

WATER AND SANITARY SEWER PLAN						
JEFFERSON OAKS APTS.						
CITY PLAN NO. S-912-106						
DALLAS WATER UTILITIES DEPT.						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AYRES ASSOCIATES		8/92	1"=40'		411Q	1960

DESIGN BY *M. O. Bentley* DATE 3/5/93
AYRES ASSOCIATES
DALLAS WTR. UTIL. DEPT. *Billy Pace* DATE 3-25-93
CONTRACT NO. 93-117/118-P DATE 3/11/93
CONTRACTOR *Superior Utilities, Inc.*



116



- GENERAL NOTES:
- Ohms Reading 2000 - 4500 cm³
 - All water mains shall be ductile iron Class 52 water pipe with polyethylene wrap on pipe, fittings, and fire hydrant bases.
 - Extend water deadheads and sanitary sewer lateral 2' beyond proposed curbs.
 - Water and sanitary easements shall also include additional area of working space for construction and maintenance of the system.
 - All 6" thru 15" wastewater mains where PVC pipe is used as an alternate - shall be ASTM 3034 (SDR 35) or ASTM F789/D3212.
 - All water deadheads shall be copper and located as shown. Sized and referenced as follows:
 2" Total = 18
 "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", "m", "n", "aa", "bb", "cc", "dd", "ee"
 - All wastewater laterals shall be located as shown. Sized and referenced as follows:
 6" Total = 7
 "p", "q", "r", "s", "t", "u", "v", "w", "x", "y", "z", "aa", "ab", "ac", "ad", "ae", "af", "ag", "ah", "ai", "aj", "ak", "al", "am", "an", "ao", "ap", "aq", "ar", "as", "at", "au", "av", "aw", "ax", "ay", "az", "ba", "bb", "bc", "bd", "be", "bf", "bg", "bh", "bi", "bj", "bk", "bl", "bm", "bn", "bo", "bp", "bq", "br", "bs", "bt", "bu", "bv", "bw", "bx", "by", "bz", "ca", "cb", "cc", "cd", "ce", "cf", "cg", "ch", "ci", "cj", "ck", "cl", "cm", "cn", "co", "cp", "cq", "cr", "cs", "ct", "cu", "cv", "cw", "cx", "cy", "cz", "da", "db", "dc", "dd", "de", "df", "dg", "dh", "di", "dj", "dk", "dl", "dm", "dn", "do", "dp", "dq", "dr", "ds", "dt", "du", "dv", "dw", "dx", "dy", "dz", "ea", "eb", "ec", "ed", "ee", "ef", "eg", "eh", "ei", "ej", "ek", "el", "em", "en", "eo", "ep", "eq", "er", "es", "et", "eu", "ev", "ew", "ex", "ey", "ez", "fa", "fb", "fc", "fd", "fe", "ff", "fg", "fh", "fi", "fj", "fk", "fl", "fm", "fn", "fo", "fp", "fq", "fr", "fs", "ft", "fu", "fv", "fw", "fx", "fy", "fz", "ga", "gb", "gc", "gd", "ge", "gf", "gg", "gh", "gi", "gj", "gk", "gl", "gm", "gn", "go", "gp", "gq", "gr", "gs", "gt", "gu", "gv", "gw", "gx", "gy", "gz", "ha", "hb", "hc", "hd", "he", "hf", "hg", "hh", "hi", "hj", "hk", "hl", "hm", "hn", "ho", "hp", "hq", "hr", "hs", "ht", "hu", "hv", "hw", "hx", "hy", "hz", "ia", "ib", "ic", "id", "ie", "if", "ig", "ih", "ii", "ij", "ik", "il", "im", "in", "io", "ip", "iq", "ir", "is", "it", "iu", "iv", "iw", "ix", "iy", "iz", "ja", "jb", "jc", "jd", "je", "jf", "jg", "jh", "ji", "jj", "jk", "jl", "jm", "jn", "jo", "jp", "jq", "jr", "js", "jt", "ju", "jv", "jw", "jx", "jy", "jz", "ka", "kb", "kc", "kd", "ke", "kf", "kg", "kh", "ki", "kj", "kl", "km", "kn", "ko", "kp", "kq", "kr", "ks", "kt", "ku", "kv", "kw", "kx", "ky", "kz", "la", "lb", "lc", "ld", "le", "lf", "lg", "lh", "li", "lj", "lk", "ll", "lm", "ln", "lo", "lp", "lq", "lr", "ls", "lt", "lu", "lv", "lw", "lx", "ly", "lz", "ma", "mb", "mc", "md", "me", "mf", "mg", "mh", "mi", "mj", "mk", "ml", "mm", "mn", "mo", "mp", "mq", "mr", "ms", "mt", "mu", "mv", "mw", "mx", "my", "mz", "na", "nb", "nc", "nd", "ne", "nf", "ng", "nh", "ni", "nj", "nk", "nl", "nm", "nn", "no", "np", "nq", "nr", "ns", "nt", "nu", "nv", "nw", "nx", "ny", "nz", "oa", "ob", "oc", "od", "oe", "of", "og", "oh", "oi", "oj", "ok", "ol", "om", "on", "oo", "op", "oq", "or", "os", "ot", "ou", "ov", "ow", "ox", "oy", "oz", "pa", "pb", "pc", "pd", "pe", "pf", "pg", "ph", "pi", "pj", "pk", "pl", "pm", "pn", "po", "pp", "pq", "pr", "ps", "pt", "pu", "pv", "pw", "px", "py", "pz", "qa", "qb", "qc", "qd", "qe", "qf", "qg", "qh", "qi", "qj", "qk", "ql", "qm", "qn", "qo", "qp", "qq", "qr", "qs", "qt", "qu", "qv", "qw", "qx", "qy", "qz", "ra", "rb", "rc", "rd", "re", "rf", "rg", "rh", "ri", "rj", "rk", "rl", "rm", "rn", "ro", "rp", "rq", "rr", "rs", "rt", "ru", "rv", "rw", "rx", "ry", "rz", "sa", "sb", "sc", "sd", "se", "sf", "sg", "sh", "si", "sj", "sk", "sl", "sm", "sn", "so", "sp", "sq", "sr", "ss", "st", "su", "sv", "sw", "sx", "sy", "sz", "ta", "tb", "tc", "td", "te", "tf", "tg", "th", "ti", "tj", "tk", "tl", "tm", "tn", "to", "tp", "tq", "tr", "ts", "tt", "tu", "tv", "tw", "tx", "ty", "tz", "ua", "ub", "uc", "ud", "ue", "uf", "ug", "uh", "ui", "uj", "uk", "ul", "um", "un", "uo", "up", "uq", "ur", "us", "ut", "uu", "uv", "uw", "ux", "uy", "uz", "va", "vb", "vc", "vd", "ve", "vf", "vg", "vh", "vi", "vj", "vk", "vl", "vm", "vn", "vo", "vp", "vq", "vr", "vs", "vt", "vu", "vv", "vw", "vx", "vy", "vz", "wa", "wb", "wc", "wd", "we", "wf", "wg", "wh", "wi", "wj", "wk", "wl", "wm", "wn", "wo", "wp", "wq", "wr", "ws", "wt", "wu", "wv", "ww", "wx", "wy", "wz", "xa", "xb", "xc", "xd", "xe", "xf", "xg", "xh", "xi", "xj", "xk", "xl", "xm", "xn", "xo", "xp", "xq", "xr", "xs", "xt", "xu", "xv", "xw", "xx", "xy", "xz", "ya", "yb", "yc", "yd", "ye", "yf", "yg", "yh", "yi", "yj", "yk", "yl", "ym", "yn", "yo", "yp", "yq", "yr", "ys", "yt", "yu", "yv", "yw", "yx", "yy", "yz", "za", "zb", "zc", "zd", "ze", "zf", "zg", "zh", "zi", "zj", "zk", "zl", "zm", "zn", "zo", "zp", "zq", "zr", "zs", "zt", "zu", "zv", "zw", "zx", "zy", "zz"

P CURVE DATA
 CV. 1 DELTA=26°57'32"
 RADIUS=318.00'
 LENGTH=149.63'
 C.B.=S12°19'45"W
 CHORD=148.25'

CV. 2 DELTA=34°25'46"
 RADIUS=168.71'
 LENGTH=101.38'
 C.B.=S16°03'52"W
 CHORD=99.86'

- Install New FH's per Appurt. 414W-21
- Valve Covers on Existing Water Mains Being Abandoned to be Removed and Paved Over to Match Existing Grade.
- Remove Existing FH's and Deliver to D.W.U. Yard No. 2, 2901 Municipal.
- NOT THIS CONTRACT Sanitary Sewer Lateral C.O.'s By Permit. Contact Permits at 214/948-4500. (Except as Noted)
- Wastewater laterals being connected to exist. mains to be installed by Contractor.

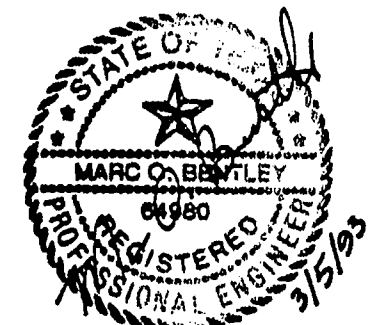
BENCH MARK NOTES
 B.M. NO. 1 STD. W.D.B.M. "C" CUT ON CONCRETE BASE OF A 6" HIGH BRICK WALL AT THE NORTHEAST CORNER OF CELESTIAL ROAD AND MONIFORT DRIVE. ELEV.=626.81
 B.M. NO. 2 "X" CUT AT P.R.C. IN CENTERLINE OF PRESTON OAKS ROAD AT HIDDEN SPRINGS COURT. ELEV.=600.76

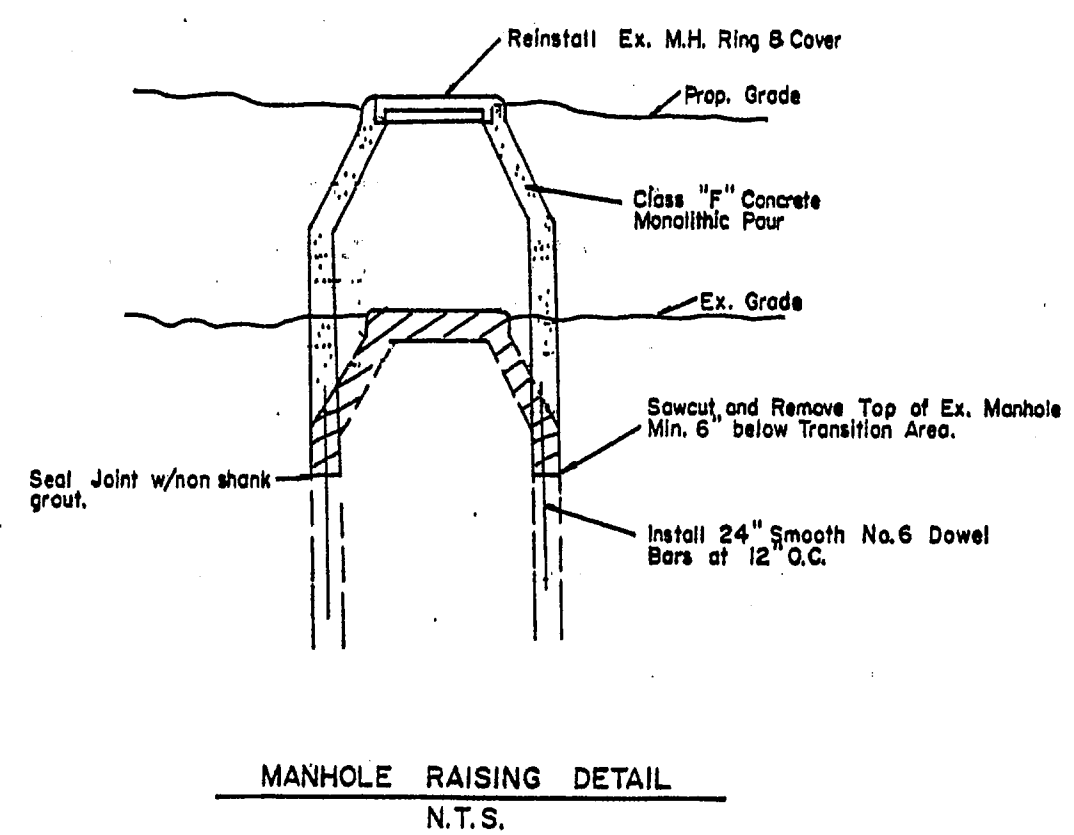
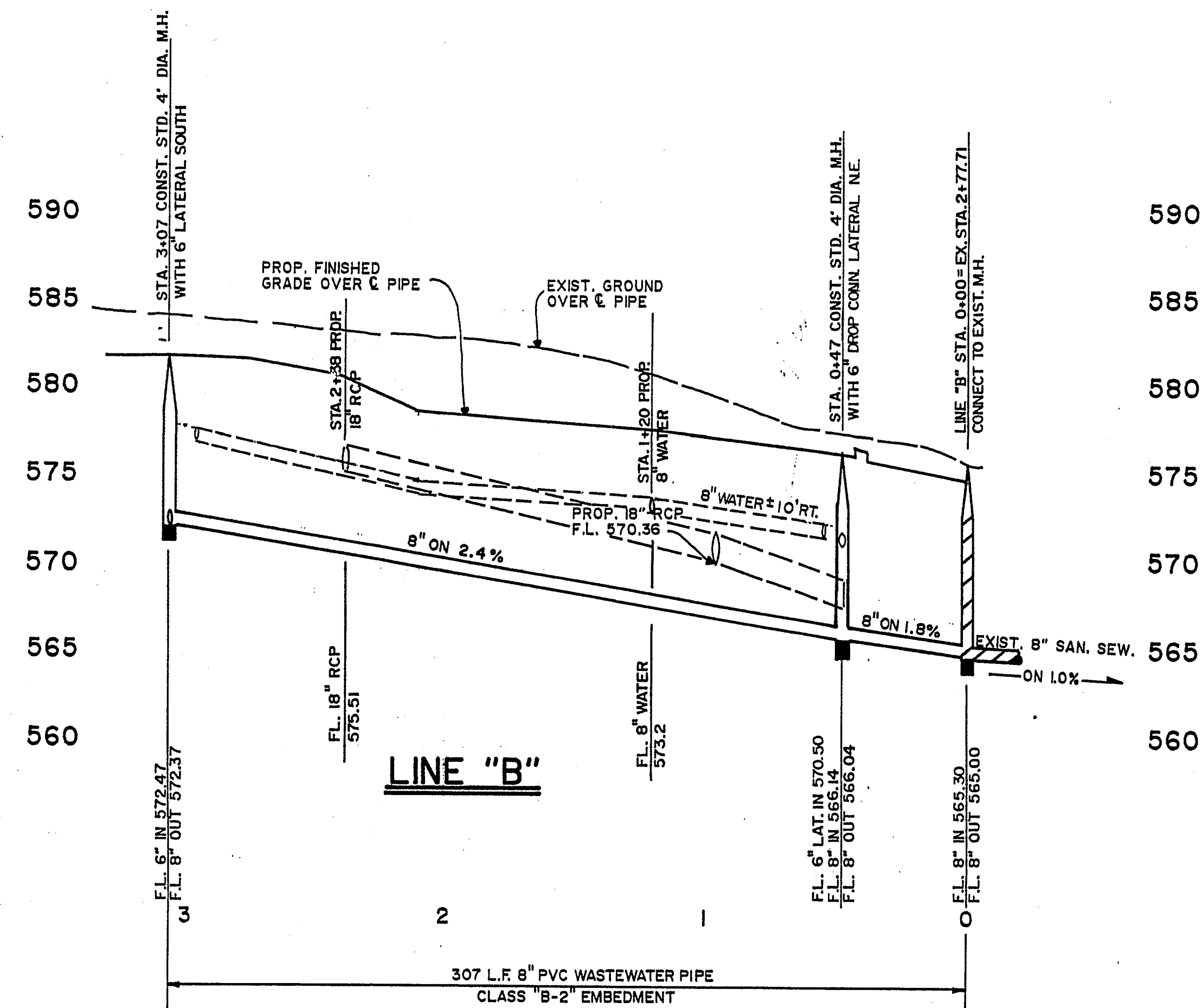
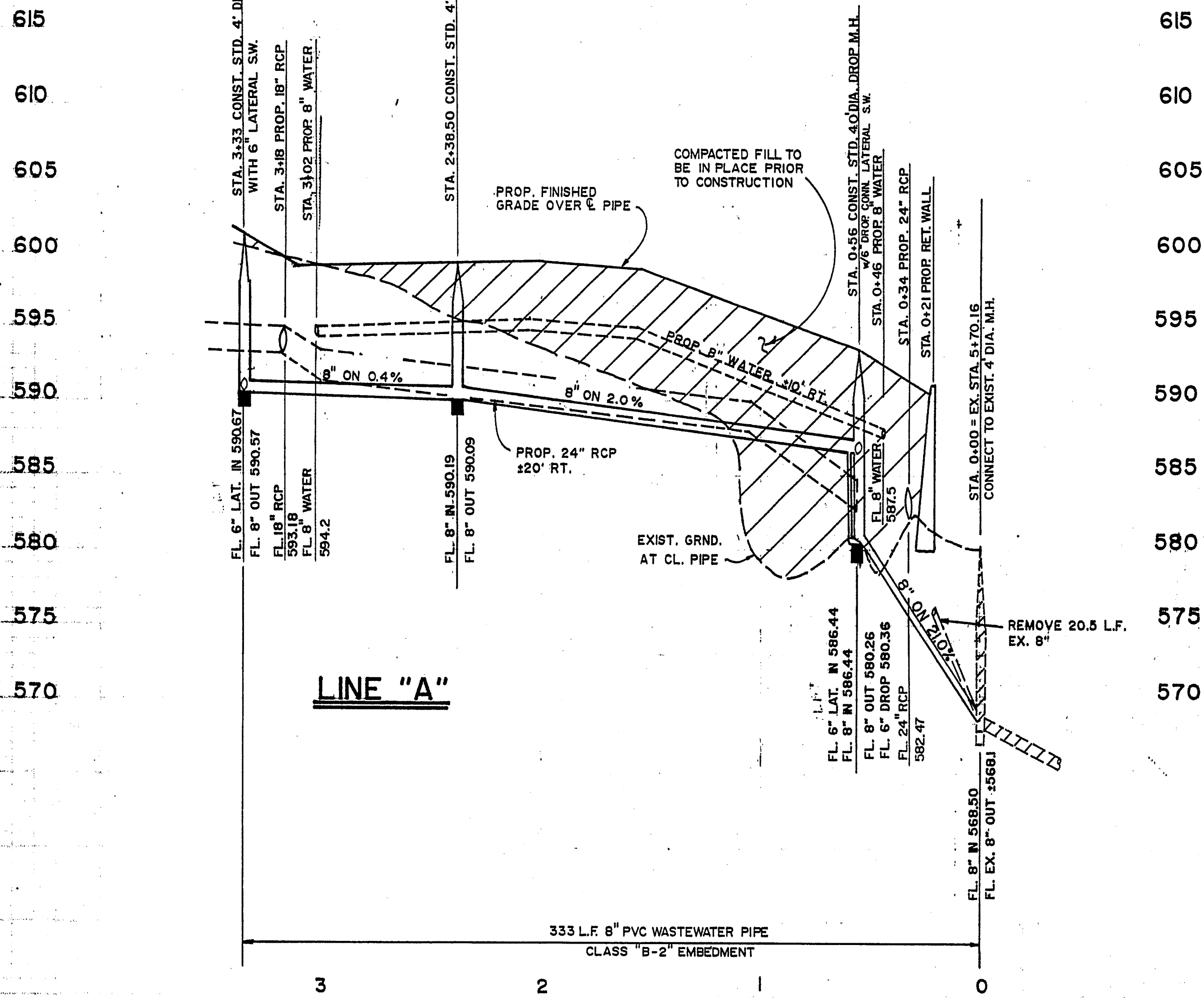
547,898 SQUARE FT.
 12.578 TOTAL ACRES

WATER AND SANITARY SEWER PLAN					
JEFFERSON OAKS APTS.					
CITY PLAN NO. S-912-106					
DALLAS WATER UTILITIES DEPT.					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
AYRES ASSOCIATES		8/92	1"=40'		411Q 1960

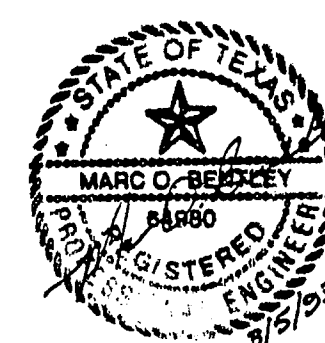
SPRINGSTEAD CONDOMINIUMS
 411Q 1960 SHTS. 61, 61A, & 62

DESIGN BY Ma. O. Bentley DATE 3/5/93
 AYRES ASSOCIATES
 DALLAS WTR. UTIL. DEPT. Billy Pace DATE 3-25-93
 CONTRACT NO. 93-117/118-P DATE 3/11/93
 CONTRACTOR Superior Utilities, Inc.





DESIGN BY M. D. Beatty DATE 3/5/93
 AYRES ASSOCIATES
 DALLAS WTR. UTIL. DEPT. Billy Pace DATE 3-25-93
 CONTRACT NO. 93-117/12-P DATE 3/11/93
 CONTRACTOR Superior Utilities, Inc.

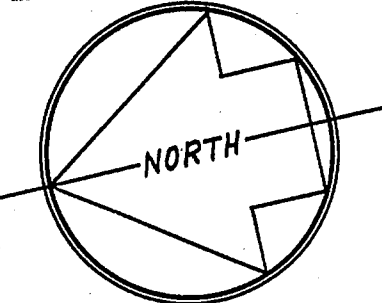


BENCH MARK NOTES
 B.M. NO. 1 STD. W.D.B.M. " " CUT ON CONCRETE BASE OF A 6" HIGH BRICK WALL AT THE NORTHEAST CORNER OF CELESTIAL ROAD AND MONFORT DRIVE. ELEV. = 626.81
 B.M. NO. 2 "X" CUT AT P.R.C. IN CENTERLINE OF PRESTON OAKS ROAD AT HIDDEN SPRINGS COURT ELEV. = 600.76

SANITARY SEWER PROFILE						
Jefferson Oaks Apartments						
City Plan No. S-912-106						
DALLAS WATER UTILITIES DEPT.						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AYRES ASSOC.		1/93	" = 40'H. " = 6'V.		411Q	1960

118

PRESTON OAKS ON THE CREEK
411Q 1960 SHT. 61, 61A, 62

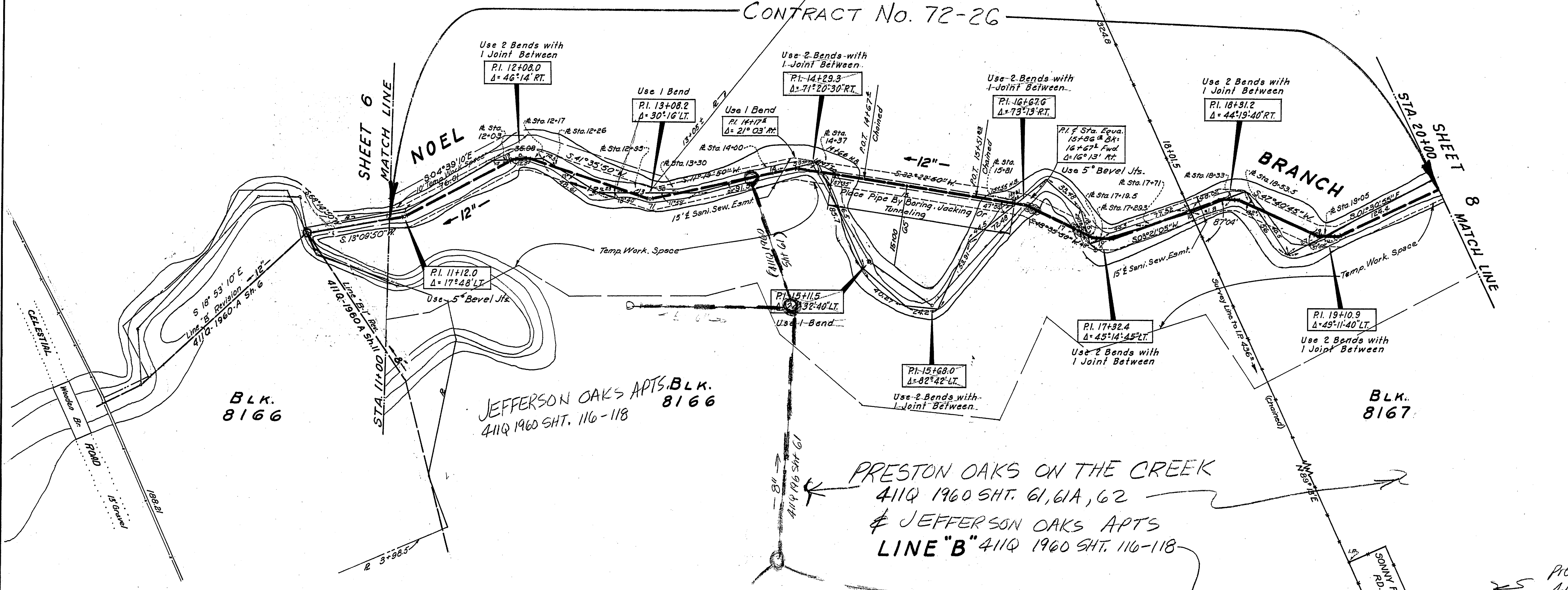


CONTRACT No. 72-26

Gilbert Cuellar & Wife Kathleen Cuellar July 20, 1970
15" E Sani. Sew. Esmt. Sta. 11+00 to 20+00
Temp. Work. Space Granted as Shown
Blocks 8166, 8167 Abst. 524
All trees in Perm. Esmt. shall be removed if necessary.
Any tree, other than Cedar or Bois-d-ero, over 4" in
dia. 12" above ground shall not be removed without
permission of Grantor. Any tree 4" in dia. or smaller
shall be removed if necessary.
C.O. 70-3200
Vol. 70152 Pg. 0680 Aug. 6, 1970

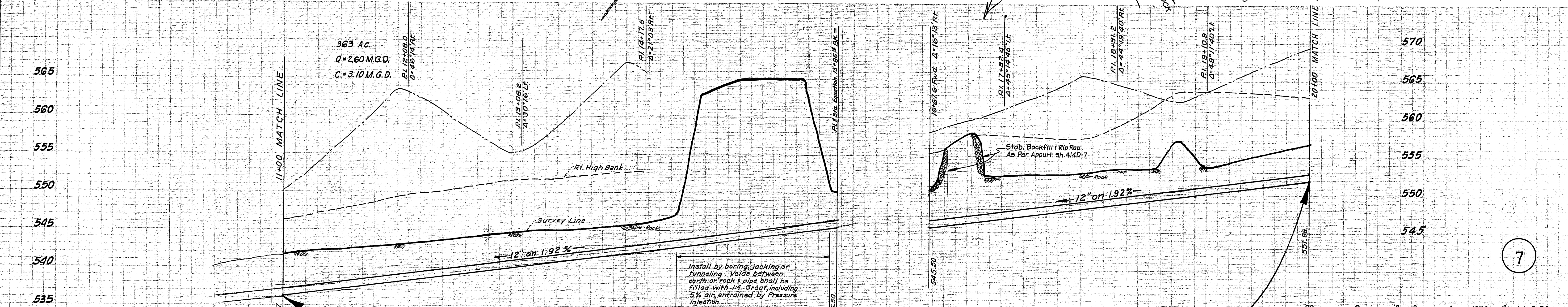
John U. Fisher June 30, 1970
15" E Sani. Sew. Esmt. From Sta. 7+78.9 to 13+03.2
Block 8166 Abst. 524
Temp. Work. Space Granted As Shown
(For special cond. see 411Q-1960A Sh. 6)
C.O. 70-3780
Vol. 70176 Pg. 0914 Date. Sept. 10, 1970

Gilbert Cuellar Sept. 9, 1970
15" E Sani. Sew. Esmt. Sta. 13+05.5 to 20+00
Blocks 8166 & 8167 Abst. 524
Temp. Work. Space Granted As Shown
Any trees may be removed if necessary for const. and any
tree not removed shall be protected.
Grantor reserves right to const. buildings, paved driveways or
any structure over, under and around that portion of sewer
main lying between Eng. Sta. 14+45 & 15+80.
Sewer main in this area will be installed by boring or
tunneling. No pier, footing or piling shall rest on any portion
of said sewer main, and main shall be protected at all times.
C.O. 70-4124
Vol. 70192 Pg. 1024 Date. Oct. 2, 1970



BM
R.R. Spike in Twin G' Oak 9' Rt. of Sta. 10+00 Line 'a'
El. 547.92
R.R. Spike in 10' Cedar 10' Lt. Sta. 17+42 Line 'b'
El. 557.95

Preston Rock
411Q 1960 SHT. 68



Install by boring, jacking or
tunneling. Voids between
earth or rock & pipe shall be
filled with 1:4 Grout, including
5% air entrained by Pressure
Injection.

CONTRACT No. 72-26
819 LIN. FT. OF 12" CLAY SEWER PIPE
CLASS "G-1" EMBEDMENT EXCEPT AS NOTED
(Rock Ditch to remain open 48 hours before laying pipe)

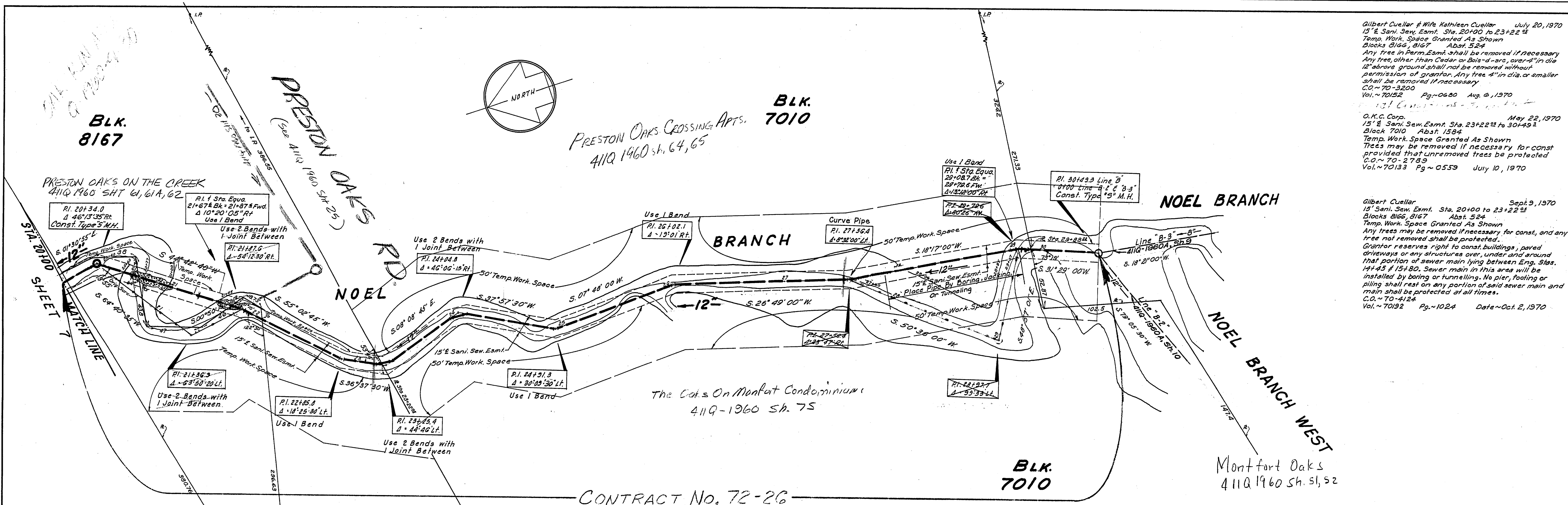
Approved as to Right of Way
DALLAS CITY WATERWORKS



DESIGNED BY: C.L. Moon, INC. ENGINEERS
APPROVED BY: [Signature] 5-17-66
ENGINEER OF DESIGN: DALLAS CITY WATERWORKS

REVISED BY: BOONE - APRIL 1970 - S.J. 1-3-72

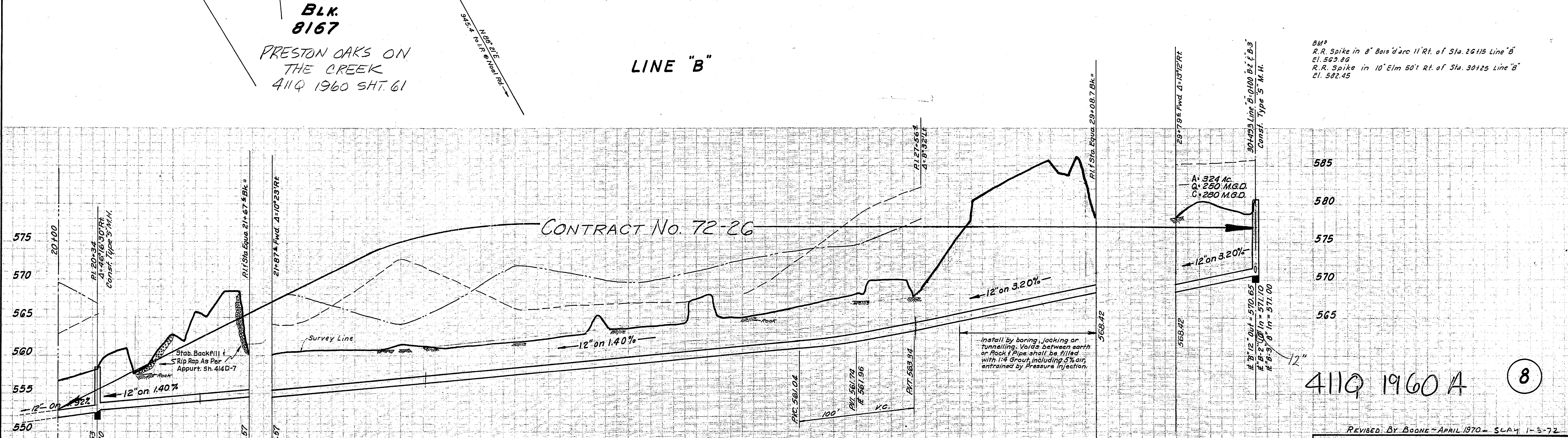
SANITARY SEWER NOEL BRANCH						
DALLAS CITY WATERWORKS CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
C.L. Moon, Inc. Engineers		MAY-66	H:1"=40' V:1"=6'	Buchley 655	411Q-1960A	



Gilbert Cuellar & Wife Kathleen Cuellar July 20, 1970
 15' E. Sani. Sew. Esmt. Sta. 20+00 to 23+22.5
 Temp. Work. Space Granted As Shown
 Blocks 8166, 8167 Abst. 524
 Any tree in Perm. Esmt. shall be removed if necessary
 Any tree other than Cedar or Bois-d'arc, over 4" in dia
 12" above ground shall not be removed without
 permission of grantor. Any tree 4" in dia. or smaller
 shall be removed if necessary
 C.O. ~ 70-3200
 Vol. ~ 70152 Pg. ~ 0660 Aug. 6, 1970

O.K.C. Corp. May 22, 1970
 15' E. Sani. Sew. Esmt. Sta. 23+22.5 to 30+49.1
 Block 7010 Abst. 1584
 Temp. Work. Space Granted As Shown
 Trees may be removed if necessary for const
 provided that unremoved trees be protected
 C.O. ~ 70-2783
 Vol. ~ 70133 Pg. ~ 0553 July 10, 1970

Gilbert Cuellar Sept. 9, 1970
 15' Sani. Sew. Esmt. Sta. 20+00 to 23+22.5
 Blocks 8166, 8167 Abst. 524
 Temp. Work. Space Granted As Shown
 Any trees may be removed if necessary for const, and any
 trees not removed shall be protected.
 Grantor reserves right to const. buildings, paved
 driveways or any structures over, under and around
 that portion of sewer main lying between Eng. Stas.
 14+45 & 15+80. Sewer main in this area will be
 installed by boring or tunnelling. No pier, footing or
 piling shall rest on any portion of said sewer main and
 main shall be protected at all times.
 C.O. ~ 70-4124
 Vol. ~ 70192 Pg. ~ 1024 Date ~ Oct. 2, 1970



411Q 1960 A (8)

958 LIN. FT. 12" CLAY SEWER PIPE.
 CLASS "G-1" EMBEDMENT, EXCEPT AS NOTED
 Rock Ditch to remain open 48 hours before laying pipe

Approved as to Right of Way
 H. P. ...
 DALLAS CITY WATER WORKS

DESIGNED BY: C. L. MOON, INC. ENGINEERS
 APPROVED BY: ...

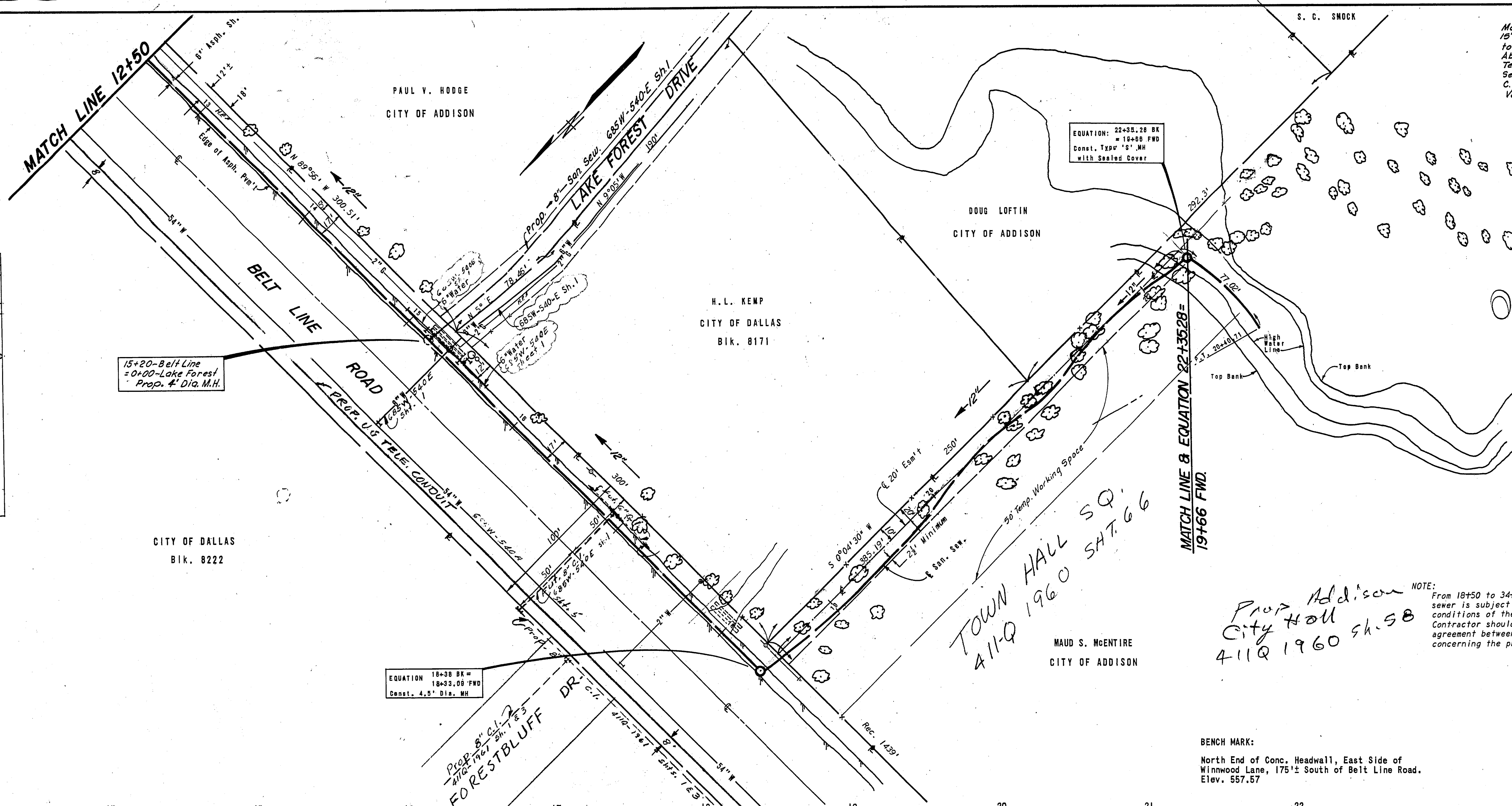


REVISED BY BOONE - APRIL 1970 - SLAM 1-3-72

SANITARY SEWER NOEL BRANCH						
DALLAS CITY WATERWORKS CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.

Maud S. McEntire, Oct. 13, 1970
 15' E 20' S San. Sew. Main Esmt. From Sta. 18+50 to 34+60.
 Abst. 157
 Temp. Working Space Granted as Shown
 See Instrument for any and all special conditions.
 C.O. ~ 70-1591
 Vol. ~ 70206 Pg. ~ 0691 Oct. 22, 1970

STA.	LT.	RT.	SIZE	VARIETY
14+58	18'		18"	PECAN
14+59	18'		18"	PECAN
17+08	11'		12"	PECAN
17+42	11'		12"	PECAN
(Sta. 18-40-22-33) Dist's from E. Esmt'				
18+58	31'		24"	PECAN
18+59			24"	PECAN
18+60			24"	PECAN
18+61			24"	PECAN
18+62			24"	PECAN
18+63			24"	PECAN
18+64			24"	PECAN
18+65			24"	PECAN
18+66			24"	PECAN
18+67			24"	PECAN
18+68			24"	PECAN
18+69			24"	PECAN
18+70			24"	PECAN
18+71			24"	PECAN
18+72			24"	PECAN
18+73			24"	PECAN
18+74			24"	PECAN
18+75			24"	PECAN
18+76			24"	PECAN
18+77			24"	PECAN
18+78			24"	PECAN
18+79			24"	PECAN
18+80			24"	PECAN
18+81			24"	PECAN
18+82			24"	PECAN
18+83			24"	PECAN
18+84			24"	PECAN
18+85			24"	PECAN
18+86			24"	PECAN
18+87			24"	PECAN
18+88			24"	PECAN
18+89			24"	PECAN
18+90			24"	PECAN
18+91			24"	PECAN
18+92			24"	PECAN
18+93			24"	PECAN
18+94			24"	PECAN
18+95			24"	PECAN
18+96			24"	PECAN
18+97			24"	PECAN
18+98			24"	PECAN
18+99			24"	PECAN
19+00			24"	PECAN



Water in Cul
 7-14-64
 Water at Mont &
 Bellline
 11-17-70
 Sewer in Culch
 12-2-70

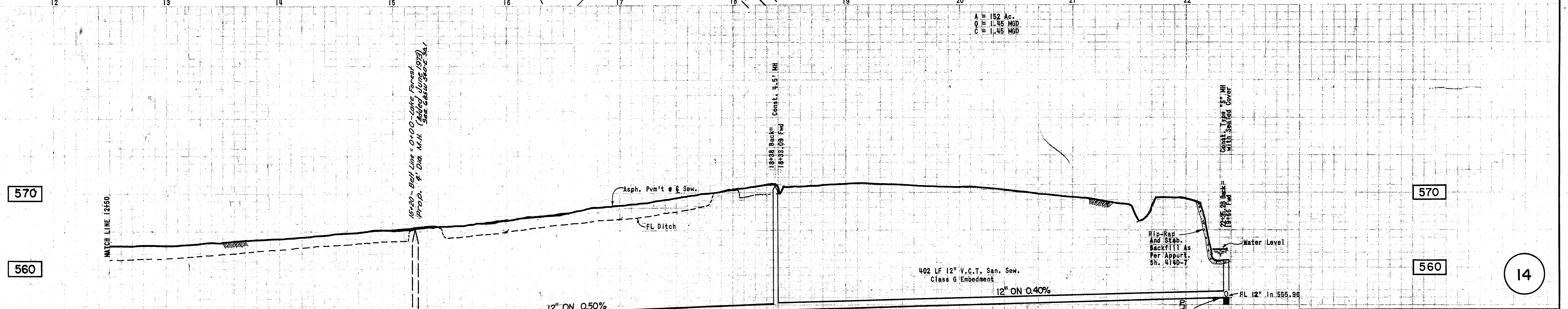
Oaks North Add.
 411-Q-1960 Sh. 47, 98

TOWN HALL SQ.
 411-Q 1960 SH. 66

Prop Addison
 City Hall
 411-Q 1960 Sh. 58

NOTE:
 From 18+50 to 34+53, construction of sanitary sewer is subject to the special terms and conditions of the Maud S. McEntire easement. Contractor should also be aware of the agreement between developer and Maud S. McEntire concerning the protection of trees and shrubbery.

BENCH MARK:
 North End of Conc. Headwall, East Side of Winnwood Lane, 175'± South of Belt Line Road. Elev. 557.57



570
 560
 550

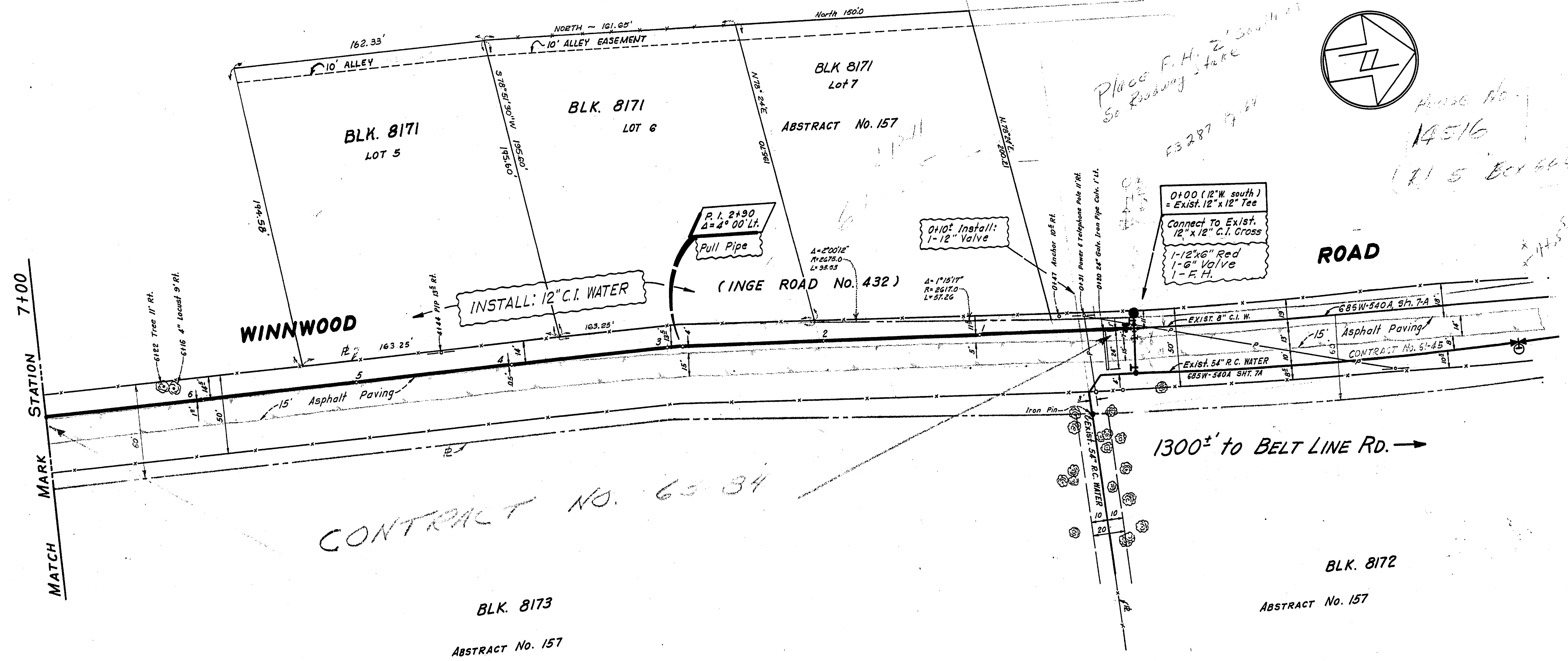
570
 560
 14

PROJECT:
 DESIGN BY: *Walter F. Albritton* DATE 11-14-70
 R.O.W. APPROVED: *H. L. Kemp* 12-2-70
 ENGINEER OF DESIGN: *W. S. Mays* DATE 12-2-70
 CONTRACT. NO. 70-192-P ~ Column ~ 10-16-70

ALBRITTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 404 U.C.C. BLDG. 741-4884
 DALLAS, TEXAS 75207
 BY: *Walter F. Albritton P.E.*



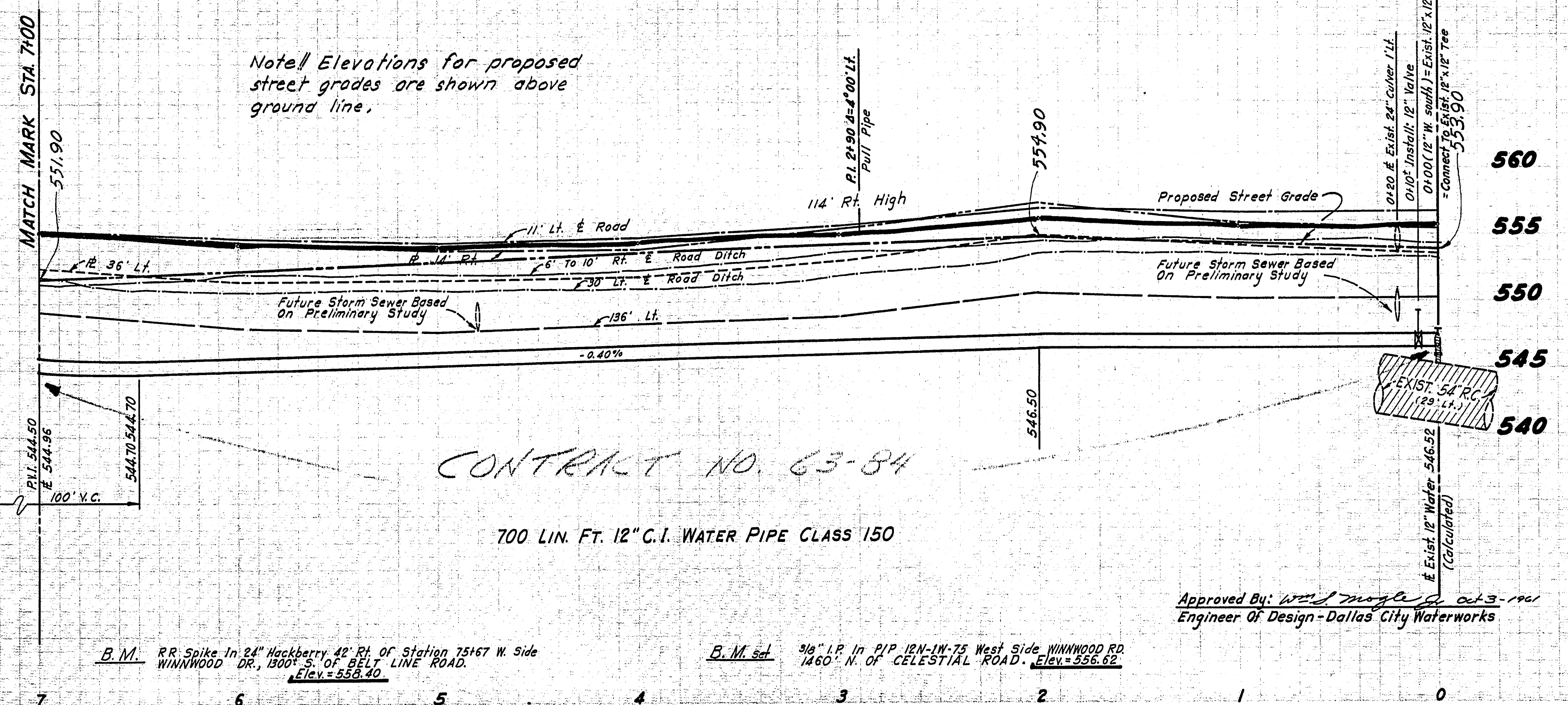
BELL BRANCH SANITARY SEWER					
FROM WHITE ROCK CREEK TO NOELL RD.					
DALLAS WATER UTILITIES DEPT.					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
G.W.F.	M.J.E.	Sept, 1970	1" = 40' H. 1" = 6' V.		411-Q 1960A



CONTRACT NO. 63-84

BLK. 8173
ABSTRACT No. 157

BLK. 8172
ABSTRACT No. 157



Note: Elevations for proposed street grades are shown above ground line.

CONTRACT NO. 63-84

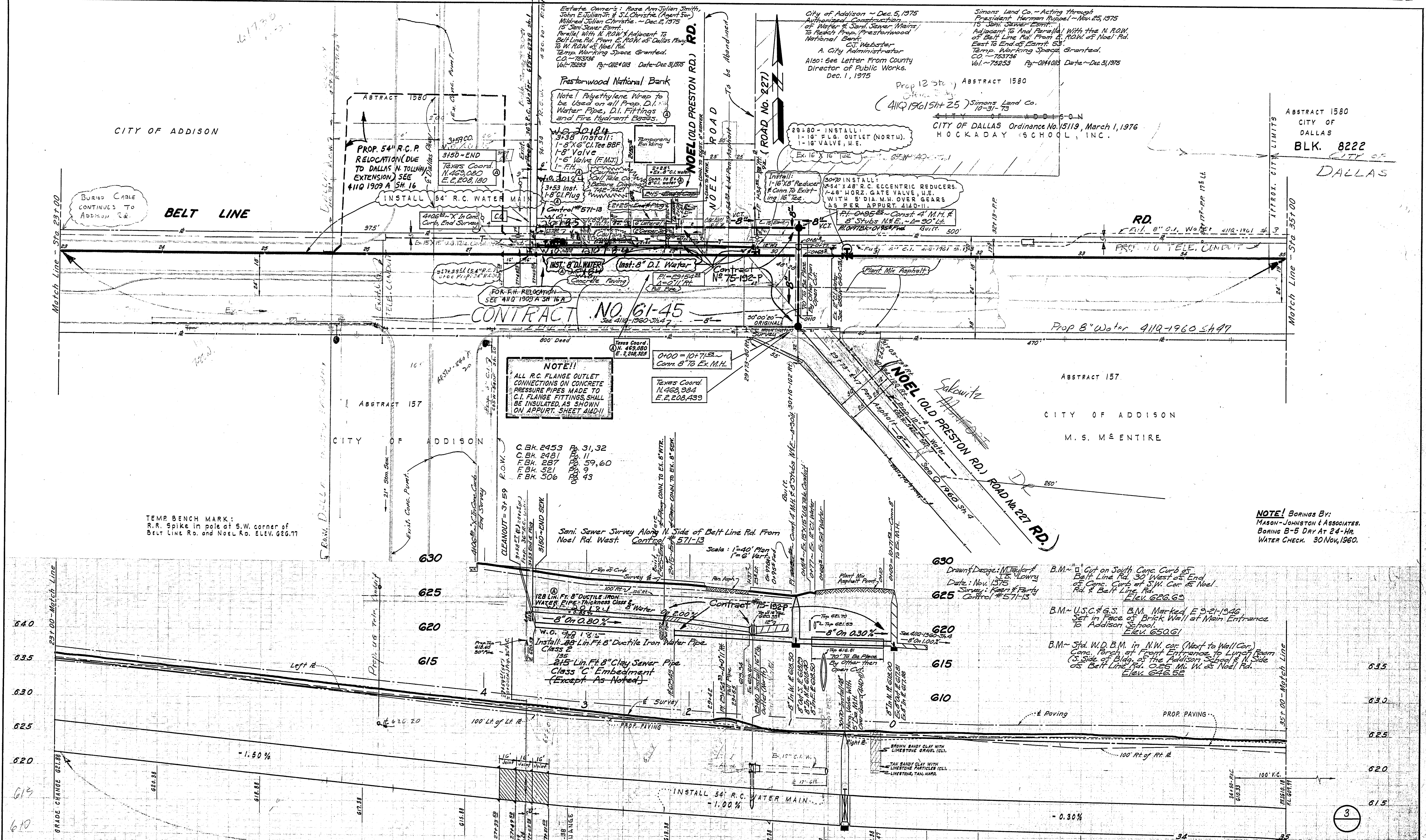
700 LIN. FT. 12" C.I. WATER PIPE CLASS 150

Approved By: *[Signature]* Oct 3-1961
Engineer of Design - Dallas City Waterworks

B.M. RR Spike In 24" Hackberry 42' Rt. of Station 75+67 W. Side WINNWOOD DR., 1300' S. OF BELT LINE ROAD. Elev = 558.40

B.M. sd. 3/8" I.P. In PIP 12N-1W-75 West Side WINNWOOD RD. 1460' N. OF CELESTIAL ROAD. Elev = 556.62

12" C.I. WATER MAIN						
IN WINNWOOD RD.						
FROM BELT LINE RD. TO CELESTIAL RD.						
DALLAS CITY WATERWORKS						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
C.L. Moon Engrs	R.J.	July '61	H: 1"=40' V: 1"=6'	C.L. Moon	685-W-540-B	1



CONTRACT NO. 61-45
 See 4112-1960-3747

NOTE!!
 ALL R.C. FLANGE OUTLET CONNECTIONS ON CONCRETE PRESSURE PIPES MADE TO C.I. FLANGE FITTINGS, SHALL BE INSULATED, AS SHOWN ON APPURT. SHEET 4112-11

C. BK. 2453 Pg. 31, 32
 C. BK. 2481 Pg. 11
 F. BK. 287 Pg. 59, 60
 F. BK. 321 Pg. 9
 F. BK. 306 Pg. 43

Sani. Sewer Survey Along N. Side of Belt Line Rd. From Noel Rd. West. Control # 571-13

120 LIN. FT. 8" DUCTILE IRON WATER PIPE - THICKNESS CLASS 2
 215 LIN. FT. 8" CLAY SEWER PIPE CLASS "C" EMBEDMENT (EXCEPT AS NOTED)

1200 LIN. FT. OF 54" DOUBLE-WRAP PRETENSIONED CONC. CYLINDER PIPE CLASS 125 OR 1200 LIN. FT. OF 54" PRESTRESSED REINFORCED CONC. EMBEDDED CYLINDER PIPE CLASS 125 CLASS 3 EMBEDMENT

CONTRACT or W.O. #

ROW Approved by [Signature] Date - 12/23/75
 C.L. Moon, Inc. Engineers
 Engineer of Design - Dallas City Waterworks
 Contract No. 75-192-P - Welch Const. Co. 12-23-75

Designed by: [Signature]
 C.L. Moon, Inc. Engineers
 Approved by: [Signature] Date - July 8, 1976
 Engineer of Design - Dallas City Waterworks

54" R.C. WATER MAIN
 IN BELT LINE ROAD
 FROM INWOOD RD. TO DULUS RD.
DALLAS CITY WATERWORKS
 CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE
C.L. Moon Engineers	D.P.	May '80	H: 1/240 V: 1/60	Standard	685-W-60

NOTE! BORINGS BY:
 MASON-JOHNSTON & ASSOCIATES.
 BORING B-5 DRY AT 24-HR.
 WATER CHECK. 30 Nov, 1960.

B.M. - 1" Curb on South Conc. Curb of Belt Line Rd. 30 West of End of Conc. Curb at S.W. Cor. of Noel Rd. & Belt Line Rd. Elev. 626.60
 B.M. - U.S.C. # 65. B.M. Marked E 3-21-1946 Set in Face of Brick Wall at Main Entrance to Addison School. Elev. 650.61
 B.M. - Std. W.D. B.M. in M.W. cor. (Next to Wall) Conc. Patch at Front Entrance to Lunch Room (S. Side of Bldg. of the Addison School) N. Side of Belt Line Rd. 0.25 Mi. W. of Noel Rd. Elev. 646.52

ABSTRACT 1580
 CITY OF DALLAS
 BLK. 8222
 CITY OF DALLAS

ABSTRACT 157
 CITY OF ADDISON
 M. S. MEENTRE

City of Addison - Dec. 5, 1975
 Authorized Construction of Water & Sewer Mains to Reach Prop. Prestonwood National Bank
 C.J. Webster
 A. City Administrator
 Also: See Letter From County Director of Public Works. Dec. 1, 1975

Simons Land Co. - Acting Through President Herman Ruppel - Nov. 25, 1975
 To: Sani. Sewer Esmt.
 Adjacent to And Parallel With the N. R.O.W. of Belt Line Rd. From E. R.O.W. of Noel Rd. East to End of Esmt. 53'.
 Temp. Working Space Granted.
 C.O. - 753736
 Vol. - 75253 Pgs. - 0114-013 Date - Dec. 3, 1975

Estimate Owners: Rose Ann Julian Smith, John E. Julian Sr. & S.J. Christie (Agent for Mildred Julian Christie) - Dec. 2, 1975
 15 Sani. Sewer Esmt.
 Parallel With N. R.O.W. Adjacent to Belt Line Rd. From E. R.O.W. of Dallas Hwy. to N. R.O.W. of Noel Rd.
 Temp. Working Space Granted.
 C.O. - 753736
 Vol. - 75253 Pgs. - 0114-013 Date - Dec. 3, 1975

Prestonwood National Bank
 Note! Polyethylene Wrap to be Used on all Prop. D.I. Water Pipe, D.I. Fittings and Fire Hydrant Bases.

28'-80" - INSTALL:
 1-16" F.L.G. OUTLET (NORTH).
 1-16" VALVE, H.E.

INSTALL:
 1-16" X 8" R.C. ECCENTRIC REDUCERS.
 1-48" W.O.R.Z. GATE VALVE, H.E.
 WITH 5" DIA. M.H. OVER GEARS AS PER APPURT. 4112-11.

INSTALL:
 1-16" X 8" R.C. ECCENTRIC REDUCERS.
 1-48" W.O.R.Z. GATE VALVE, H.E.
 WITH 5" DIA. M.H. OVER GEARS AS PER APPURT. 4112-11.

INSTALL:
 1-16" X 8" R.C. ECCENTRIC REDUCERS.
 1-48" W.O.R.Z. GATE VALVE, H.E.
 WITH 5" DIA. M.H. OVER GEARS AS PER APPURT. 4112-11.

Inst: 8" D.I. Water

Inst: 8" D.I. Water

Inst: 8" D.I. Water

Inst: 8" D.I. Water

Inst: 8" D.I. Water

Inst: 8" D.I. Water

Inst: 8" D.I. Water

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Inst: 8" D.I. Water

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Inst: 8" D.I. Water

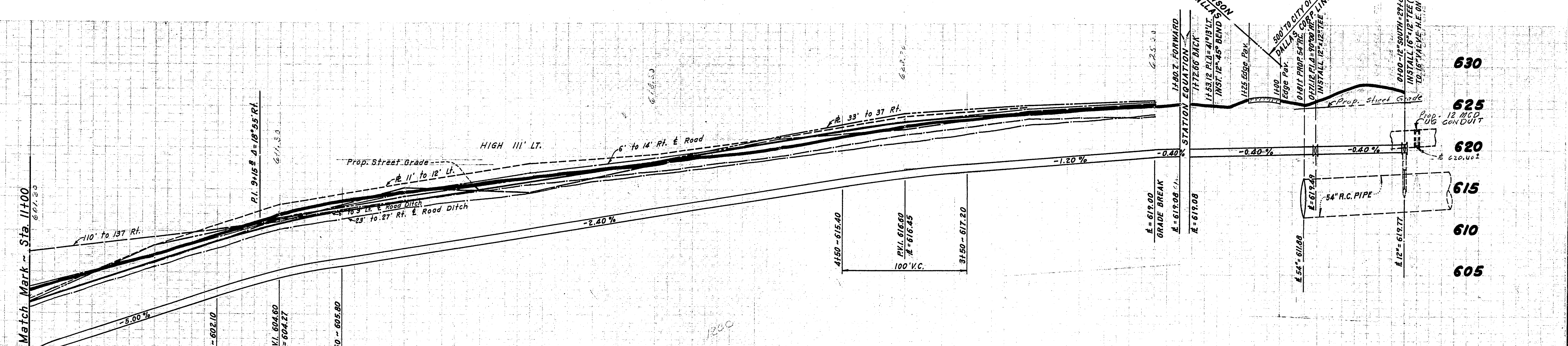
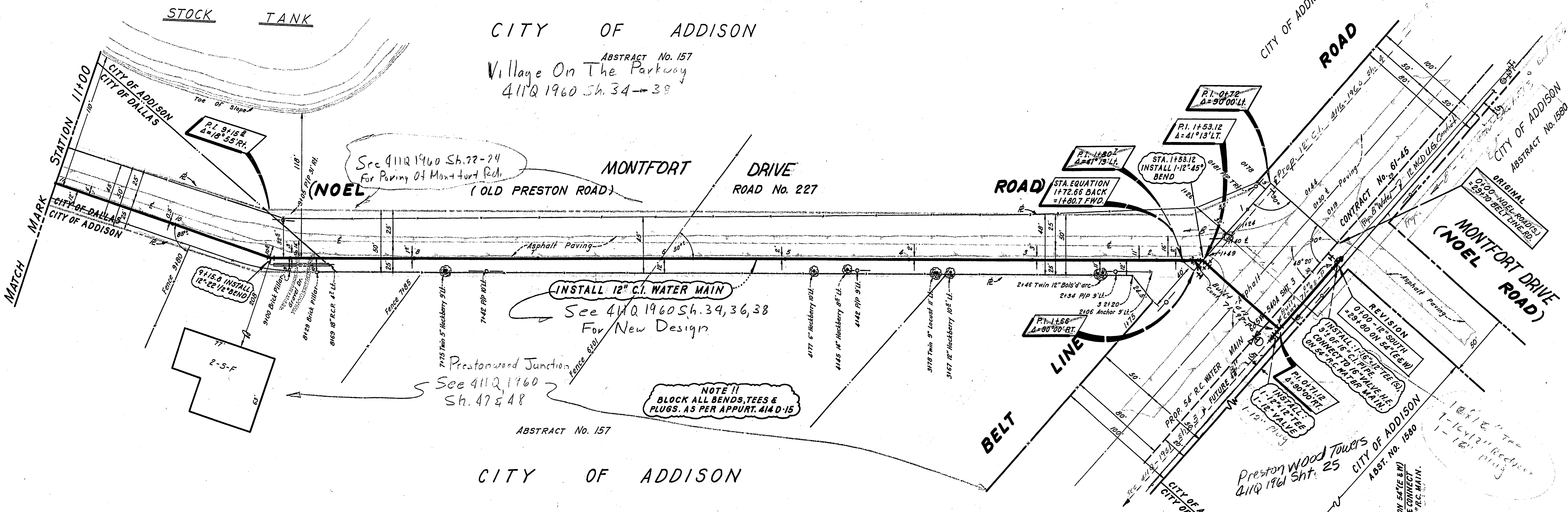
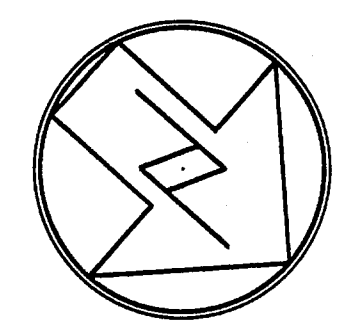
Inst: 8" D.I. Water

Inst: 8" D.I. Water

Inst: 8" D.I. Water

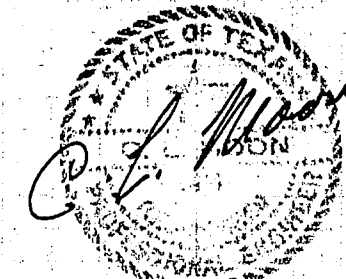
Inst: 8" D.I. Water

Inst: 8" D.I. Water



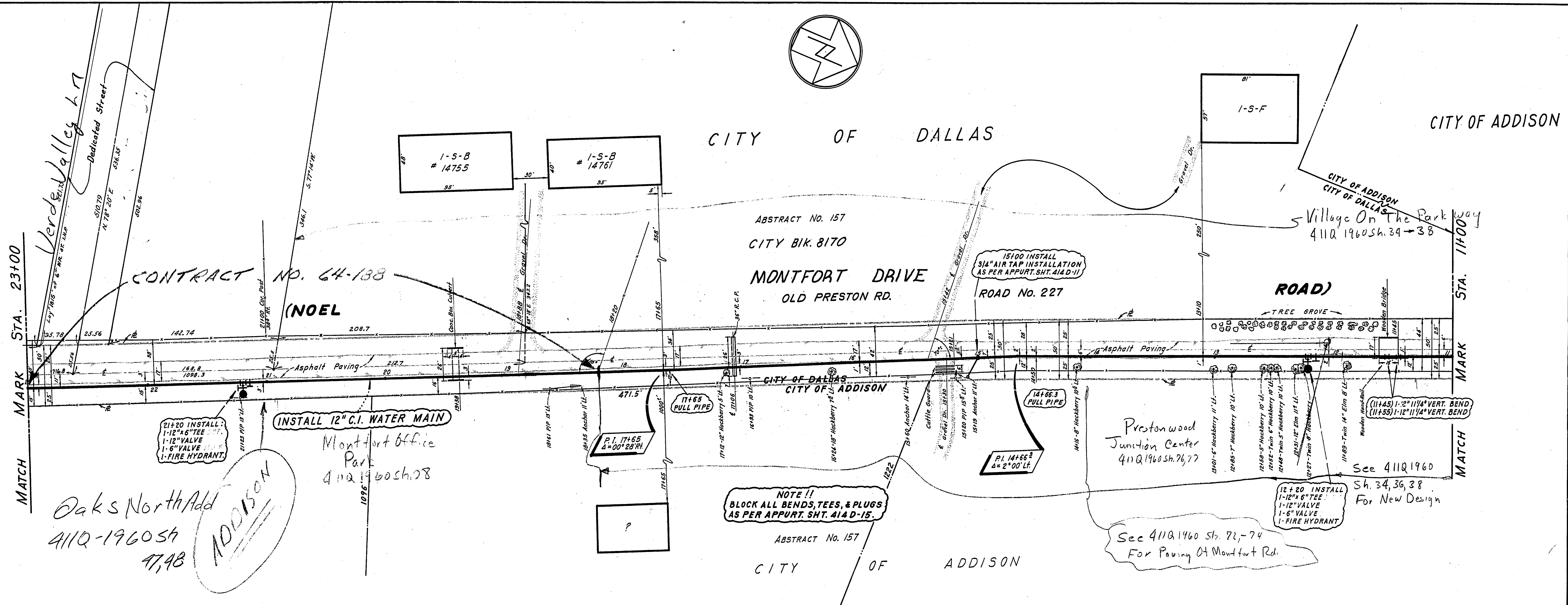
1092 LIN. FT. OF 12" DIA. C.I. WATER PIPE - CLASS 150

B.M. R.R. Spike in PIP N.E. Cor. Intersection NOEL ROAD & BELT LINE ROAD
From City Field Party Elev. = 626.37



Approved By: *Wm. J. Moore* 11-27-1961
Engineer of Design - Dallas City Waterworks

12" C.I. WATER MAIN						
IN NOEL ROAD						
FROM BELT LINE RD. TO ALPHA RD.						
DALLAS CITY WATERWORKS						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
G.L. Moon Engrs	R. J.	Aug '61	H: 1" = 40' V: 1" = 6'	Norton	685-W	540-C

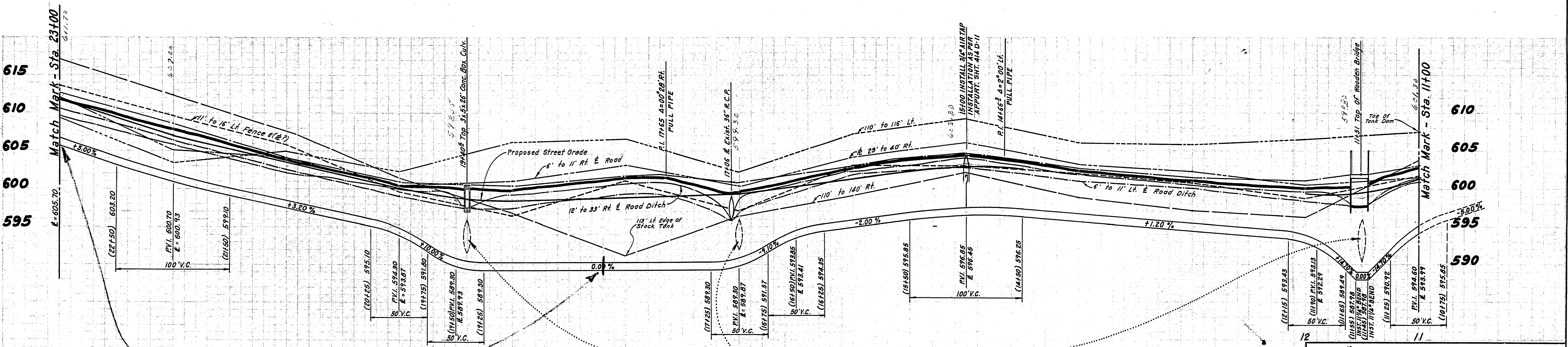


NOTE !!
BLOCK ALL BENDS, TEES, & PLUGS
AS PER APPURT. SHT. 414-D-15.

Oaks North Add
411Q-1960 Sh
47, 48
ADDISON

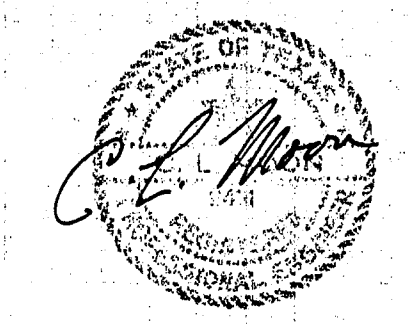
See 411Q1960 Sh. 72, 74
For Paving of Montfort Rd.

See 411Q1960
Sh. 34, 36, 38
For New Design



CONTRACT NO. 64-188

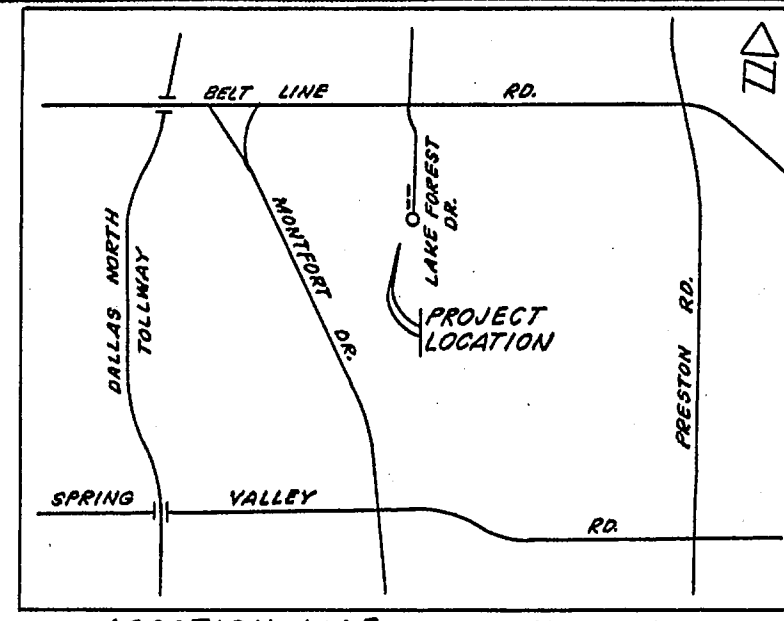
1200 LIN. FT. OF 12" DIA. C.I. WATER PIPE - CLASS 150



Approved By: *W. J. Moore*
Engineer of Design - Dallas City Waterworks

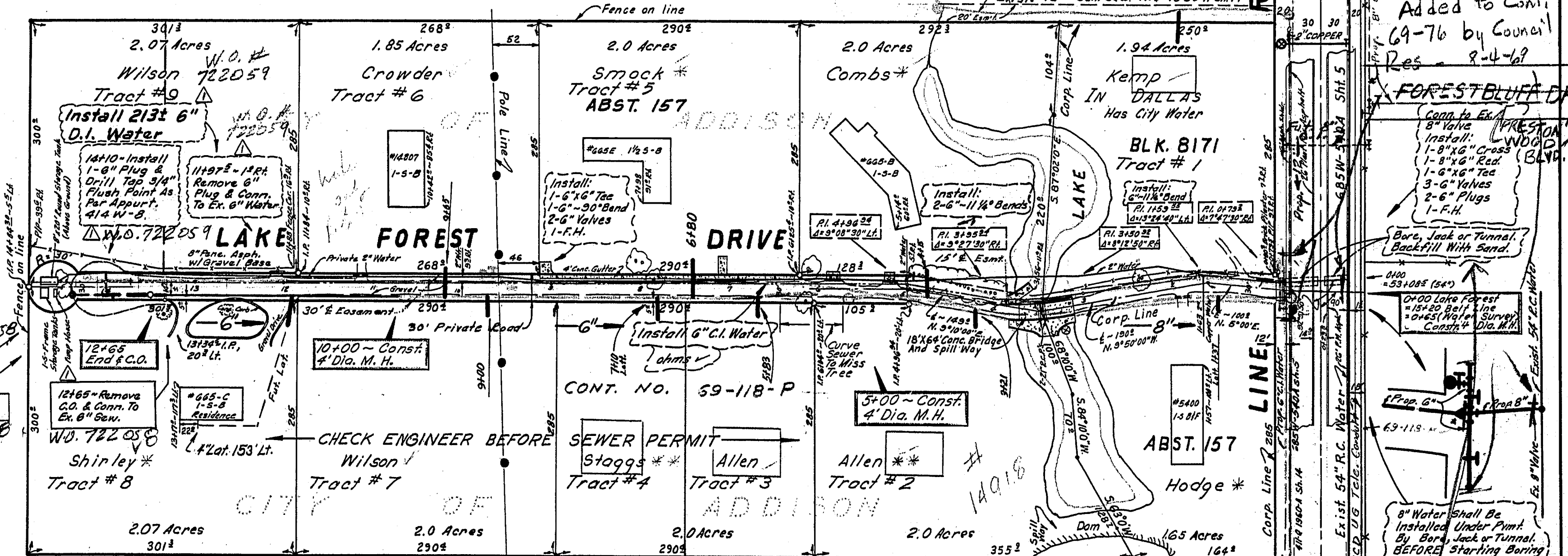
12" C.I. WATER MAIN						
IN NOEL ROAD						
FROM BELT LINE RD. TO ALPHA RD.						
DALLAS CITY WATERWORKS						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
G.L. Moon Eng'g	R. J.	Aug. '61	H: 1"=40' V: 1"=6'	Norton	685-W	540-C

SET B.M. R.R. Spike In 7" Elm - Sta. 13+10 (Or 1200' S. OF BELT LINE RD.) W. Side NOEL RD.
Elevation = 412.12



STATION	LT	RT	DESCRIPTION
4100	106	8	5' 0" Elm
4105	51	3	3" Cedar
4110	62	4	4" Cedar
4115	72	5	5" Cedar
4120	82	6	6" Cedar
4125	92	7	7" Cedar
4130	102	8	8" Cedar
4135	112	9	9" Cedar
4140	122	10	10" Cedar
4145	132	11	11" Cedar
4150	142	12	12" Cedar
4155	152	13	13" Cedar
4160	162	14	14" Cedar
4165	172	15	15" Cedar
4170	182	16	16" Cedar
4175	192	17	17" Cedar
4180	202	18	18" Cedar
4185	212	19	19" Cedar
4190	222	20	20" Cedar
4195	232	21	21" Cedar
4200	242	22	22" Cedar
4205	252	23	23" Cedar
4210	262	24	24" Cedar
4215	272	25	25" Cedar
4220	282	26	26" Cedar
4225	292	27	27" Cedar
4230	302	28	28" Cedar
4235	312	29	29" Cedar
4240	322	30	30" Cedar

Weldon Edward Combs & Anna D. Combs 4-25-69
 15' Strip Easement along East side of property, see instrument
 The City of Dallas shall not have right to remove or harm
 any tree described in tree list and located on said
 property without written permission of owners
 from Sta. 4+00 to 6+12
 Blk ~ 8171 Abst ~ 157
 The City of Dallas shall be responsible for
 installing 6" water on East side of street
 C.O. ~ 69-3495
 Vol. ~ 69123 Pg. ~ 114, 115, 116, 117
 Date ~ June 24, 1969



W.O. # 722058
 NOTE - Contractor To Construct
 6" Deep Cut Lateral Connection
 With C.O. For Tract No. 9 At
 Sta. 13+35.1 (As Per Appurt.
 414 S-21) And Construct 6"
 Lateral With C.O. On 2%
 Grade For Tract No. 8.

LAKE FOREST DRIVE Dedicated
 To The CITY OF ADDISON For
 Street & Utility Purposes By
 Easement Instruments Dated
 June 1974 By The Following
 Property Owners:
 John L. Shirley And Wife, Wanda Shirley
 Donald R. Dinsmore And Wife, Caryl Dinsmore
 Dr. J.R. Keltie And Wife, Nancy R. Keltie
 W.L. Kemp And Wife, Rena Kemp
 Paul Hodge And Wife, Hazel Hodge
 Walter A. Sohm, Jr. And Wife, Bobbie Sohm, Jr.
 Frank L. Crowder And Wife, Marion Crowder

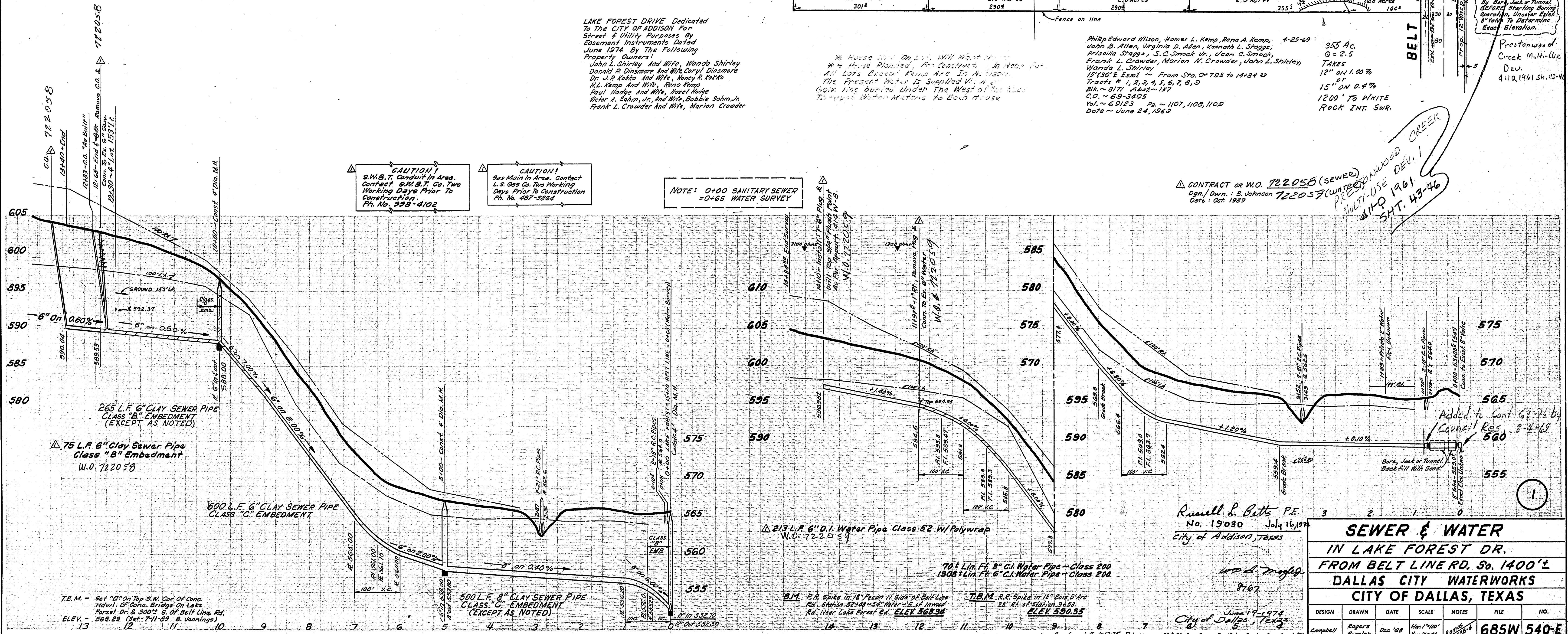
Philip Edward Wilson, Homer L. Kemp, Reno A. Kemp, 4-25-69
 John B. Allen, Virginia D. Allen, Kenneth L. Spaggs,
 Priscilla Spaggs, S. C. Smoak Jr., Dean C. Smoak,
 Frank L. Crowder, Marion M. Crowder, John L. Shirley,
 Wanda L. Shirley,
 15' 130' E Esm. ~ From Sta. 0+70.2 to 14+84.4
 Tracts # 1, 2, 3, 4, 5, 6, 7, 8, 9
 Blk ~ 8171 Abst ~ 157
 C.O. ~ 69-3495
 Vol. ~ 69123 Pg. ~ 107, 108, 110
 Date ~ June 24, 1969

CAUTION!
 S.W.B.T. Conduit In Area.
 Contact S.W.B.T. Co. Two
 Working Days Prior To
 Construction.
 Ph. No. 399-4102

CAUTION!
 Gas Main In Area. Contact
 L.S. Gas Co. Two Working
 Days Prior To Construction
 Ph. No. 487-3264

NOTE: 0+00 SANITARY SEWER
 = 0+65 WATER SURVEY

CONTRACT OR W.O. 722058 (SEWER)
 Dgn./Dwn.: B. Johnson 722058 (WATER)
 Date: Oct. 1969



SEWER & WATER
 IN LAKE FOREST DR.
 FROM BELT LINE RD. So. 1400'±
 DALLAS CITY WATERWORKS
 CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
Campbell	Rogers	Dec '68	1" = 100'		685W 540-E	

Russell P. Betts P.E.
 No. 19030 July 16, 1974
 City of Addison, Texas

T.B.M. - Set 10" O.D. Top S.W. Cor. Of Comp.
 Hdwl. Of Comp. Bridge On Lake
 Forest Dr. & 300'± E. Of Belt Line Rd.
 ELEV. = 565.28 (Set 7-11-69 B. Jennings)

B.M. R.R. Spike in 18' Pecan N. Side of Belt Line
 Rd. Station 52148-54' Water - E. of Inwood
 Rd. Near Lake Forest Ed. ELEV 568.34

T.B.M. R.E. Spike in 18" Bois D'Arc
 Rd. Station 52148-54' Water - E. of Inwood
 Rd. Near Lake Forest Ed. ELEV 590.35

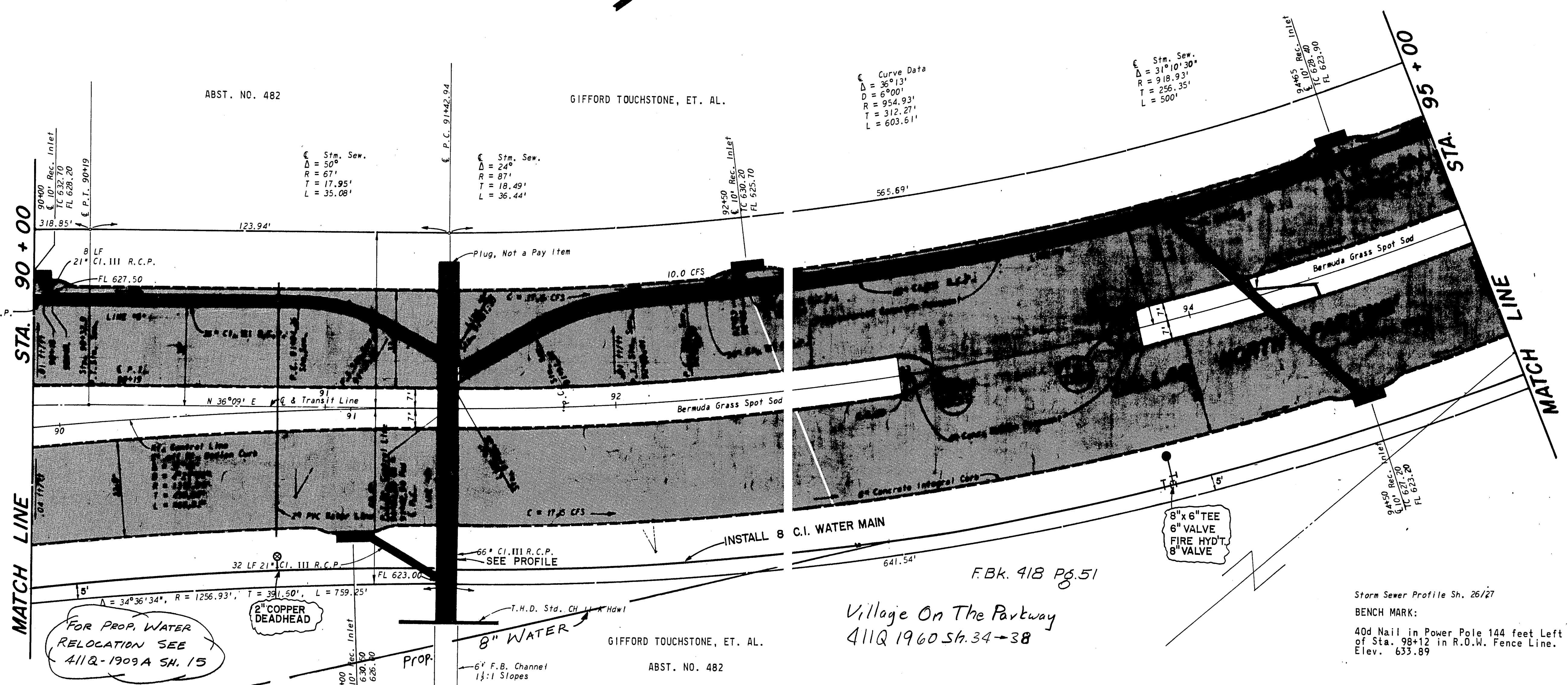
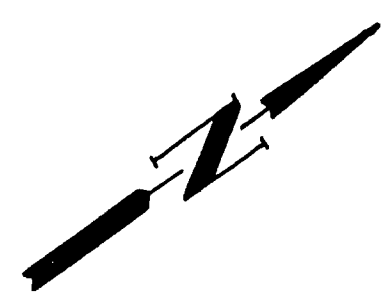
PRESTONWOOD MALL
 4110 1961 SH. 3-15
 4110-1961
 SH. 1 E 3

Added to Cont.
 69-76 by Council
 Res. 8-4-68
 FORESTBLUFF DR.
 8" Water Shall Be
 Installed Under Paved
 By Bark Jack or Tunnel
 BEFORE Starting Boring
 Operation. Unclear Exist
 8" Valve To Determine
 Exact Elevation.
 Prestonwood
 Creek Multi-Use
 Dev. 4112/1461 Sh. 43-44

WATERWOOD CREEK
 MULTI-USE DEV. I
 411-P 1961
 SH. 43-46

Added to Cont. 69-76 by
 Council Res. 8-4-68

Bark, Jack or Tunnel
 Backfill With Sand.



Curve Data
 $\Delta = 36^\circ 13'$
 $D = 6^\circ 00'$
 $R = 954.93'$
 $T = 312.27'$
 $L = 603.61'$

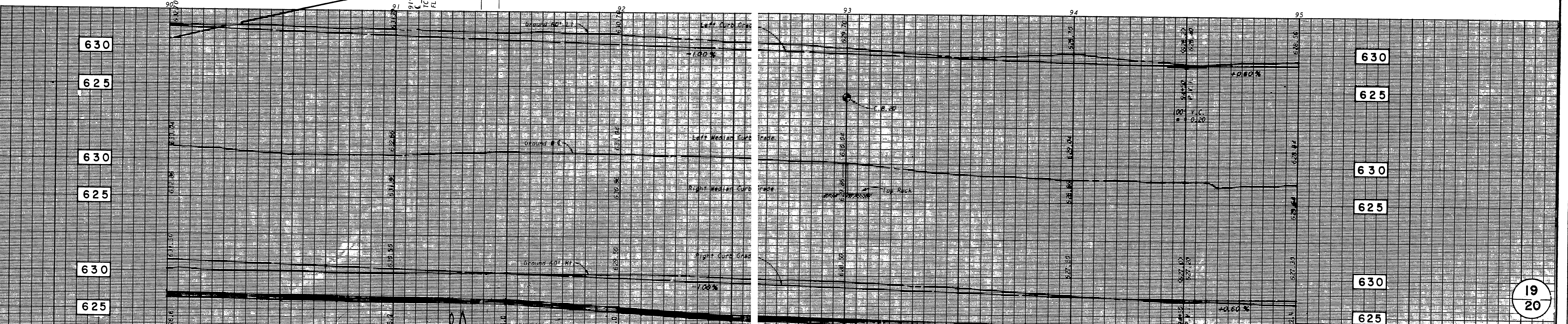
Stm. Sew.
 $\Delta = 31^\circ 10' 30''$
 $R = 918.93'$
 $T = 256.35'$
 $L = 500'$

DALLAS COUNTY PUB. WKS. Approval
 For 8" Water Along E. Side Of
 DALLAS NORTH PARKWAY From
 I.H. 635 To BELT LINE RD. By
 Letter Of OCTOBER 26, 1970
 JOHN PARRISH

NOTE:
 Due to soil resistivity readings of
 less than 1500 OHMS per C.C., all
 C.I. Water Pipe shall have 8 mil
 thickness Polyethylene tube wrap.
 To obtain specifications contact
 R.T. Cook
 500 South Ervay Room 307A

F.B.K. 418 Pg. 51
 Village On The Parkway
 411Q 1960 Sh. 34-38

Storm Sewer Profile Sh. 26/27
 BENCH MARK:
 40d Nail in Power Pole 144 feet Left
 of Sta. 98+12 in R.O.W. Fence Line.
 Elev. 633.89

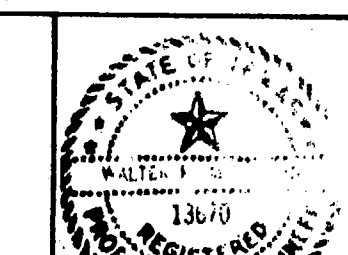


19
20

PROPOSED WATER MAIN					
DALLAS NORTH EXPRESSWAY					
FROM I.H. 635 TO BELT LINE ROAD					
DALLAS WATER UTILITIES DEPT					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
			1" = 20' Hor		

R.O.W. APPROVED *John Parrish 11-17-70*
W.D. Sample 11-17-70
 ENGINEER OF DESIGN, DALLAS WATER UTILITIES DEPT.
 CONTRACT NO. 70-217-P-Cullum-11-17-70

ALBRITTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 404 UCC BLDG. 741-4884
 DALLAS, TEXAS 75207



Stm. Sew.
 $\Delta = 90^\circ$
 $R = 40'$
 $T = 40'$
 $L = 62.83'$

Curve Data
 $\Delta = 36^\circ 13'$
 $D = 954.83'$
 $T = 312.27'$
 $L = 603.61'$

DALLAS COUNTY PUB. WKS. Approval
 For 8" Water Along E. Side Of
 DALLAS NORTH PARKWAY From
 I.H. 635 to BELT LINE RD. BY
 Letter Of OCTOBER 26, 1970
 JOHN PARRISH

MOBIL OIL CO.
 ABST. 482

GIFFORD TOUCHSTONE, ET. AL.
 ABST. NO. 157

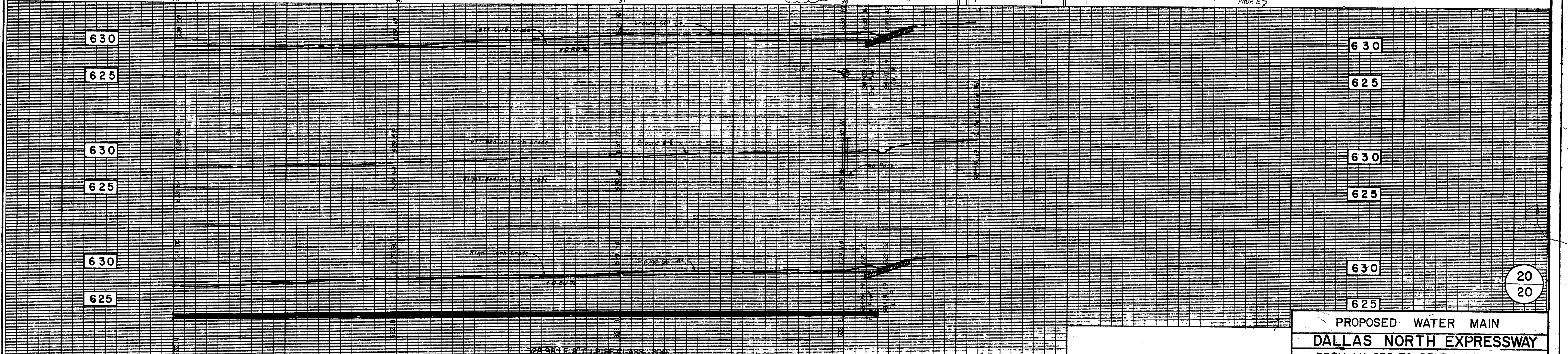
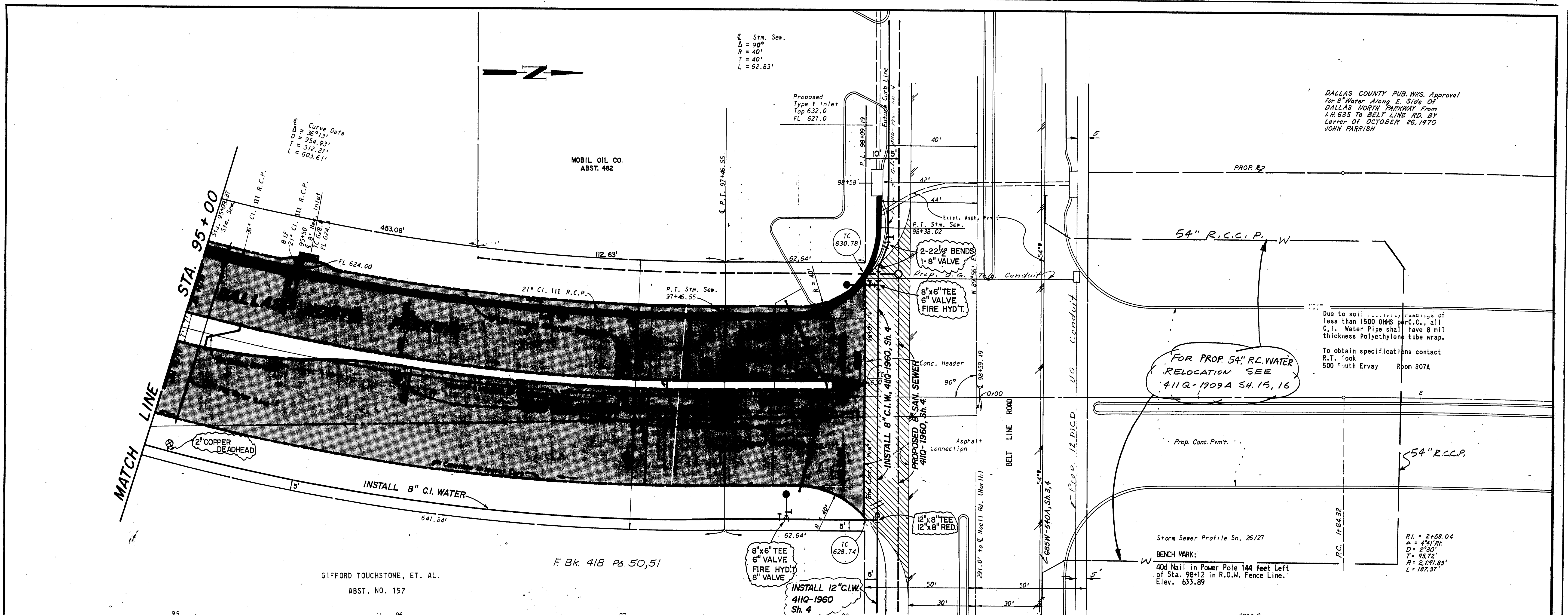
F Bk. 418 Ps. 50, 51

FOR PROP. 54" R.C. WATER
 RELOCATION SEE
 411Q-1909A SH. 15, 16

Due to soil resistivity readings of
 less than 1500 OHMS per C.C., all
 C.I. Water Pipe shall have 8 mil
 thickness Polyethylene tube wrap.
 To obtain specifications contact
 R.T. Cook
 500 South Ervay Room 307A

Storm Sewer Profile Sh. 26/27
 BENCH MARK:
 40d Nail in Power Pole 144 feet Left
 of Sta. 98+12 in R.O.W. Fence Line.
 Elev. 633.89

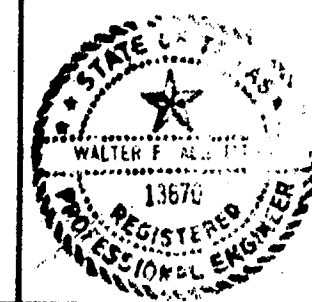
PI. = 2+58.04
 $\Delta = 44^\circ 11'$
 $D = 2'50"$
 $T = 93.72'$
 $R = 2,291.83'$
 $L = 187.37'$



328.981 F 8" C.I. PIPE CLASS 200
 EMBEDMENT "A"

R.O.W. APPROVED *John B. Land* 11-17-70
W. B. ... 11-17-1970
 ENGINEER OF DESIGN, DALLAS WATER UTILITIES DEPT.
 CONTRACT NO. 70-217-P - Cullum - 11-17-70

ALBRITTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 404 U.C.C. BLDG. 741-4884
 DALLAS, TEXAS 75207
 BY *Halter J. Albritton*

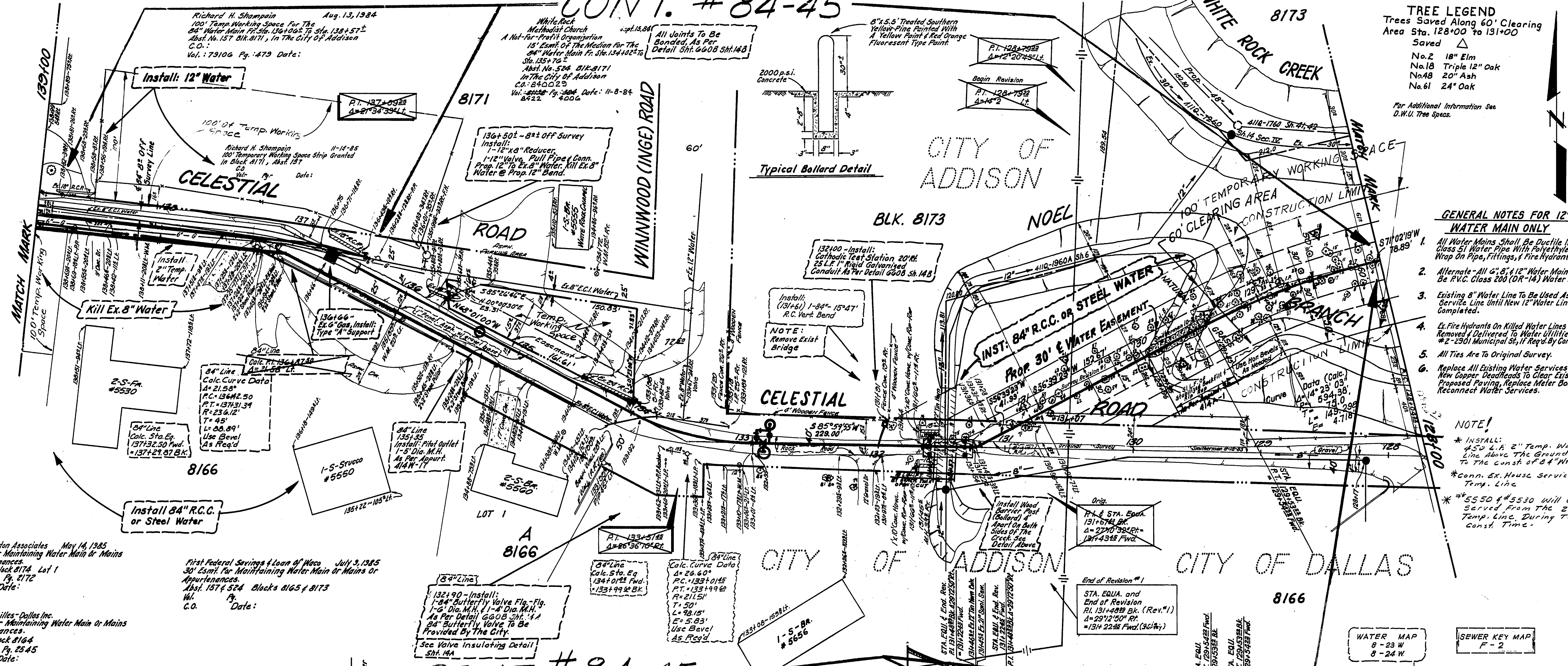


PROPOSED WATER MAIN					
DALLAS NORTH EXPRESSWAY					
FROM I.H. 635 TO BELT LINE ROAD					
DALLAS WATER UTILITIES DEPT.					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
G.W.F.	Q.D.W.	Sept., 1970	1" = 20' Hor. 1" = 6' Ver.		685 W 540F

20
20

NO.	STA.	LT.	RT.	SIZE	DESCRIPTION	
1	12844	06	4"	Elm		
2	12845	35	12"	Elm		
3	12846	01	4"	Ash		
4	12847	24	118"	Ash		
5	12848	01	4"	Elm		
6	12849	14	4"	Elm		
7	12850	08	4"	Ash		
8	12851	08	4"	Elm		
9	12852	01	4"	Elm		
10	12853	20	4"	Elm		
11	12854	01	4"	Ash		
12	12855	01	4"	Ash		
13	12856	01	4"	Ash		
14	12857	14	4"	Elm		
15	12858	14	4"	Ash		
16	12859	01	4"	Ash		
17	12860	64	338"	12" Oak		
18	12861	01	4"	Ash		
19	12862	27	184"	4"	Ash	
20	12863	01	4"	Ash		
21	12864	12	64"	4"	Ash	
22	12865	108	4"	Elm		
23	12866	01	4"	Ash		
24	12867	36	18"	4"	Ash	
25	12868	18	4"	Elm		
26	12869	178	111"	4"	Ash	
27	12870	198	4"	Ash		
28	12871	44	4"	Ash		
29	12872	178	111"	4"	Ash	
30	12873	44	4"	Ash		
31	12874	178	111"	4"	Ash	
32	12875	178	111"	4"	Ash	
33	12876	178	111"	4"	Ash	
34	12877	178	111"	4"	Ash	
35	12878	178	111"	4"	Ash	
36	12879	178	111"	4"	Ash	
37	12880	178	111"	4"	Ash	
38	12881	178	111"	4"	Ash	
39	12882	178	111"	4"	Ash	
40	12883	178	111"	4"	Ash	
41	12884	178	111"	4"	Ash	
42	12885	178	111"	4"	Ash	
43	12886	178	111"	4"	Ash	
44	12887	178	111"	4"	Ash	
45	12888	178	111"	4"	Ash	
46	12889	178	111"	4"	Ash	
47	12890	178	111"	4"	Ash	
48	12891	178	111"	4"	Ash	
49	12892	178	111"	4"	Ash	
50	12893	178	111"	4"	Ash	
51	12894	178	111"	4"	Ash	
52	12895	178	111"	4"	Ash	
53	12896	178	111"	4"	Ash	
54	12897	178	111"	4"	Ash	
55	12898	178	111"	4"	Ash	
56	12899	178	111"	4"	Ash	
57	12900	178	111"	4"	Ash	
58	12901	178	111"	4"	Ash	
59	12902	178	111"	4"	Ash	
60	12903	178	111"	4"	Ash	
61	12904	178	111"	4"	Ash	
62	12905	178	111"	4"	Ash	
63	12906	178	111"	4"	Ash	
64	12907	178	111"	4"	Ash	
65	12908	178	111"	4"	Ash	
66	12909	178	111"	4"	Ash	
67	12910	178	111"	4"	Ash	
68	12911	178	111"	4"	Ash	
69	12912	178	111"	4"	Ash	
70	12913	178	111"	4"	Ash	
71	12914	178	111"	4"	Ash	
72	12915	178	111"	4"	Ash	
73	12916	178	111"	4"	Ash	
74	12917	178	111"	4"	Ash	
75	12918	178	111"	4"	Ash	
76	12919	178	111"	4"	Ash	
77	12920	178	111"	4"	Ash	
78	12921	178	111"	4"	Ash	
79	12922	178	111"	4"	Ash	
80	12923	178	111"	4"	Ash	
81	12924	178	111"	4"	Ash	
82	12925	178	111"	4"	Ash	
83	12926	178	111"	4"	Ash	

CONT. #84-45



TREE LEGEND
Trees Saved Along 60' Clearing Area Sta. 128+00 to 131+00

△	Saved
No.2	18" Elm
No.18	Triple 12" Oak
No.48	20" Ash
No.61	24" Oak

For Additional Information See D.W.U. Tree Specs.

GENERAL NOTES FOR 12" WATER MAIN ONLY

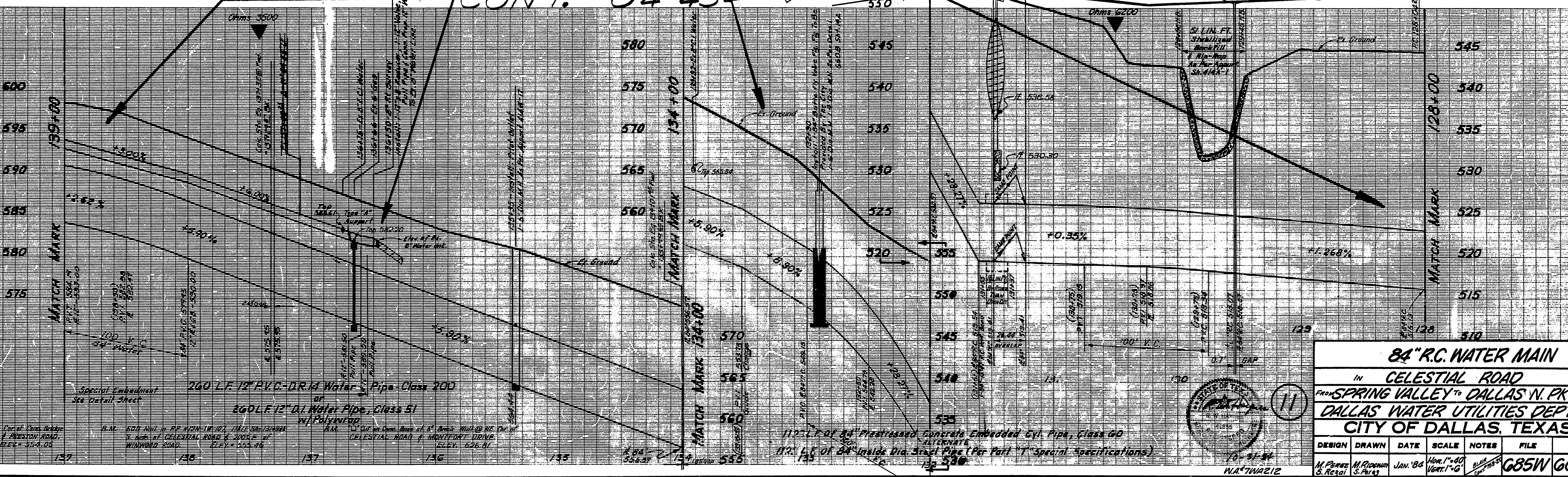
- All Water Mains Shall Be Ductile Iron Class 51 Water Pipe With Polyethylene Wrap on Pipe, Fittings, & Fire Hydrant Bases.
 - Alternate - All 6", 8", & 12" Water Mains Shall Be P.V.C. Class 200 (DR-14) Water Pipe.
 - Existing 8" Water Line To Be Used As A Service Line Until New 12" Water Line Is Completed.
 - Ex. Fire Hydrants On Killed Water Lines To Be Removed & Delivered To Water Utilities Yard #2 - 2301 Municipal St, If Reg'd By Const. Eng'r.
 - All Ties Are To Original Survey.
 - Replace All Existing Water Services With New Copper Deadheads To Clear Existing Or Proposed Paving, Replace Meter Boxes & Reconnect Water Services.
- NOTE!**
* INSTALL 4" S.D. 2" Temp. Water Line Above The Ground Prior To The Const. of 84" Wtr. Main.
* Conn. Ex. House Services To Temp. Line.
* #5550 & #5530 Will Be Served From The 2" Temp. Line During The Const. Time.

15000 Preston Associates May 14, 1985
30' Easmt. for Maintaining Water Main or Mains or Appurtenances.
Abst. 524 Block 8174 Lot 1
Vol. 82038 Pg. 2172
C.O. Date:

First Federal Savings & Loan of Waco July 3, 1985
30' Easmt. for Maintaining Water Main or Mains or Appurtenances.
Abst. 157 & 524 Blocks 8165 & 8173
Vol. Pg. Date:

A.S.C. Versailles-Dallas Inc.
30' Easmt. for Maintaining Water Main or Mains or Appurtenances.
Abst. 524 Block 8164
Vol. 82157 Pg. 2545
C.O. Date:

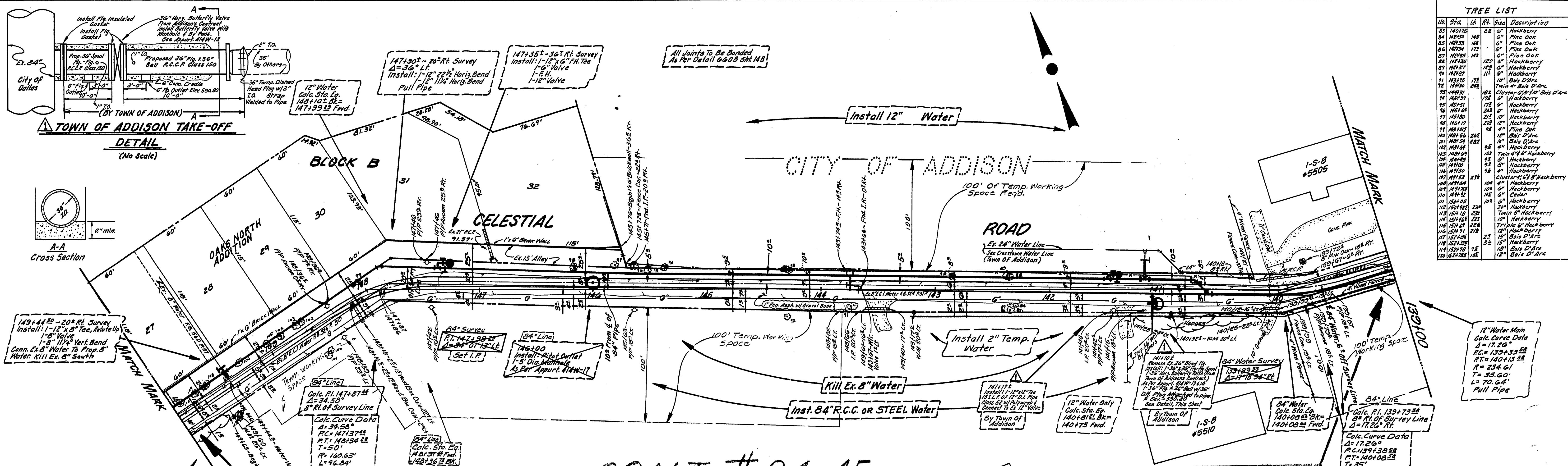
CONT. #84-45



84" R.C.C. WATER MAIN
IN CELESTIAL ROAD
FROM SPRING VALLEY TO DALLAS N. PKWY.
DALLAS WATER UTILITIES DEPT.
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
M. Ponce	M. Ponce	Jan. '84	1" = 40'		685W	660B

Revised By: S. Regal 3-8-85



TREE LIST

No.	Sta.	Lt.	Rt.	Size	Description
03	140170	02		6"	Hackberry
04	140180	145		6"	Pine Oak
05	140190	144		6"	Pine Oak
06	140200	172		6"	Pine Oak
07	140210	142		6"	Pine Oak
08	140220	129		6"	Hackberry
09	140230	142		6"	Hackberry
10	140240	115		6"	Hackberry
11	140250	172		10"	Box D'Arc
12	140260	242		10"	Box D'Arc
13	140270	181		10"	Box D'Arc
14	140280	191		10"	Box D'Arc
15	140290	172		6"	Hackberry
16	140300	202		6"	Hackberry
17	140310	202		6"	Hackberry
18	140320	202		6"	Hackberry
19	140330	142		6"	Hackberry
20	140340	242		10"	Box D'Arc
21	140350	242		10"	Box D'Arc
22	140360	102		6"	Hackberry
23	140370	92		6"	Hackberry
24	140380	92		6"	Hackberry
25	140390	92		6"	Hackberry
26	140400	92		6"	Hackberry
27	140410	214		6"	Cluster of Hackberry
28	140420	108		6"	Hackberry
29	140430	102		6"	Hackberry
30	140440	102		6"	Hackberry
31	140450	102		6"	Hackberry
32	140460	102		6"	Hackberry
33	140470	102		6"	Hackberry
34	140480	102		6"	Hackberry
35	140490	102		6"	Hackberry
36	140500	102		6"	Hackberry
37	140510	102		6"	Hackberry
38	140520	102		6"	Hackberry
39	140530	102		6"	Hackberry
40	140540	102		6"	Hackberry
41	140550	102		6"	Hackberry
42	140560	102		6"	Hackberry
43	140570	102		6"	Hackberry
44	140580	102		6"	Hackberry
45	140590	102		6"	Hackberry
46	140600	102		6"	Hackberry
47	140610	102		6"	Hackberry
48	140620	102		6"	Hackberry
49	140630	102		6"	Hackberry
50	140640	102		6"	Hackberry
51	140650	102		6"	Hackberry
52	140660	102		6"	Hackberry
53	140670	102		6"	Hackberry
54	140680	102		6"	Hackberry
55	140690	102		6"	Hackberry
56	140700	102		6"	Hackberry
57	140710	102		6"	Hackberry
58	140720	102		6"	Hackberry
59	140730	102		6"	Hackberry
60	140740	102		6"	Hackberry
61	140750	102		6"	Hackberry
62	140760	102		6"	Hackberry
63	140770	102		6"	Hackberry
64	140780	102		6"	Hackberry
65	140790	102		6"	Hackberry
66	140800	102		6"	Hackberry
67	140810	102		6"	Hackberry
68	140820	102		6"	Hackberry
69	140830	102		6"	Hackberry
70	140840	102		6"	Hackberry
71	140850	102		6"	Hackberry
72	140860	102		6"	Hackberry
73	140870	102		6"	Hackberry
74	140880	102		6"	Hackberry
75	140890	102		6"	Hackberry
76	140900	102		6"	Hackberry
77	140910	102		6"	Hackberry
78	140920	102		6"	Hackberry
79	140930	102		6"	Hackberry
80	140940	102		6"	Hackberry
81	140950	102		6"	Hackberry
82	140960	102		6"	Hackberry
83	140970	102		6"	Hackberry
84	140980	102		6"	Hackberry
85	140990	102		6"	Hackberry
86	141000	102		6"	Hackberry

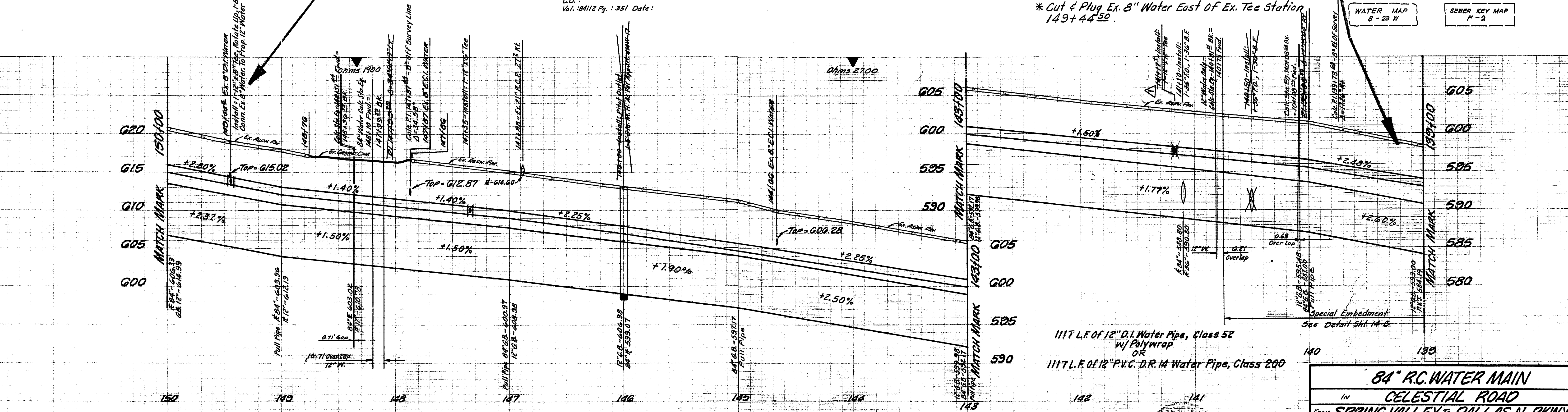
CONT. # 84-45
CITY OF ADDISON

JHY Corporation
A Texas Corporation
100' Temp. Working Space For The 84" Water Main
From Sta. 143+40.2 To Sta. 149+57.2
Abst. No. 157 Bk. 0108
In The City of Addison
C.O.
Vol. 04112 Pg. 351 Date:

NOTE!
* Install:
430 L.F. OF Temp. 2" Water Line Above The Ground,
Prior To The Const. Of The 84" Water Main.
* Conn. Ex. House Services To The Temp. Line.
* #5505, #5510, #5434, Will Be Served From The
2" Temp. Line During The Const. Time.
* Cut & Plug Ex. 8" Water East Of Ex. Tee Station
149+44.50.

WATER MAP
8 - 23 W

SEWER KEY MAP
F - 2



T&M - God Main in PIP #12 N-W-107 17 1/2 Lt. Sta. 131+03.5 S. Side
Of Celestial Rd. & 200' E. Of Vinwood Rd. ELEV - 555.46

T&M - 12" CUT ON CONC. BASE OF G. BRICK WALL @ N.E. Cor. Of
CELESTIAL RD. & MONTFORT DR. ELEV - 626.81

1100 L.F. OF 84" Prestressed Concrete Embedded Cyl. Pipe, Class 60
ALTERNATE
1100 L.F. OF 84" Inside Dia. Steel Pipes (Per Part "T" Special Specifications)

1117 L.F. OF 12" D.I. Water Pipe, Class 52
w/ Polywrap
OR
1117 L.F. OF 12" P.V.C. D.R. 14 Water Pipe, Class 200

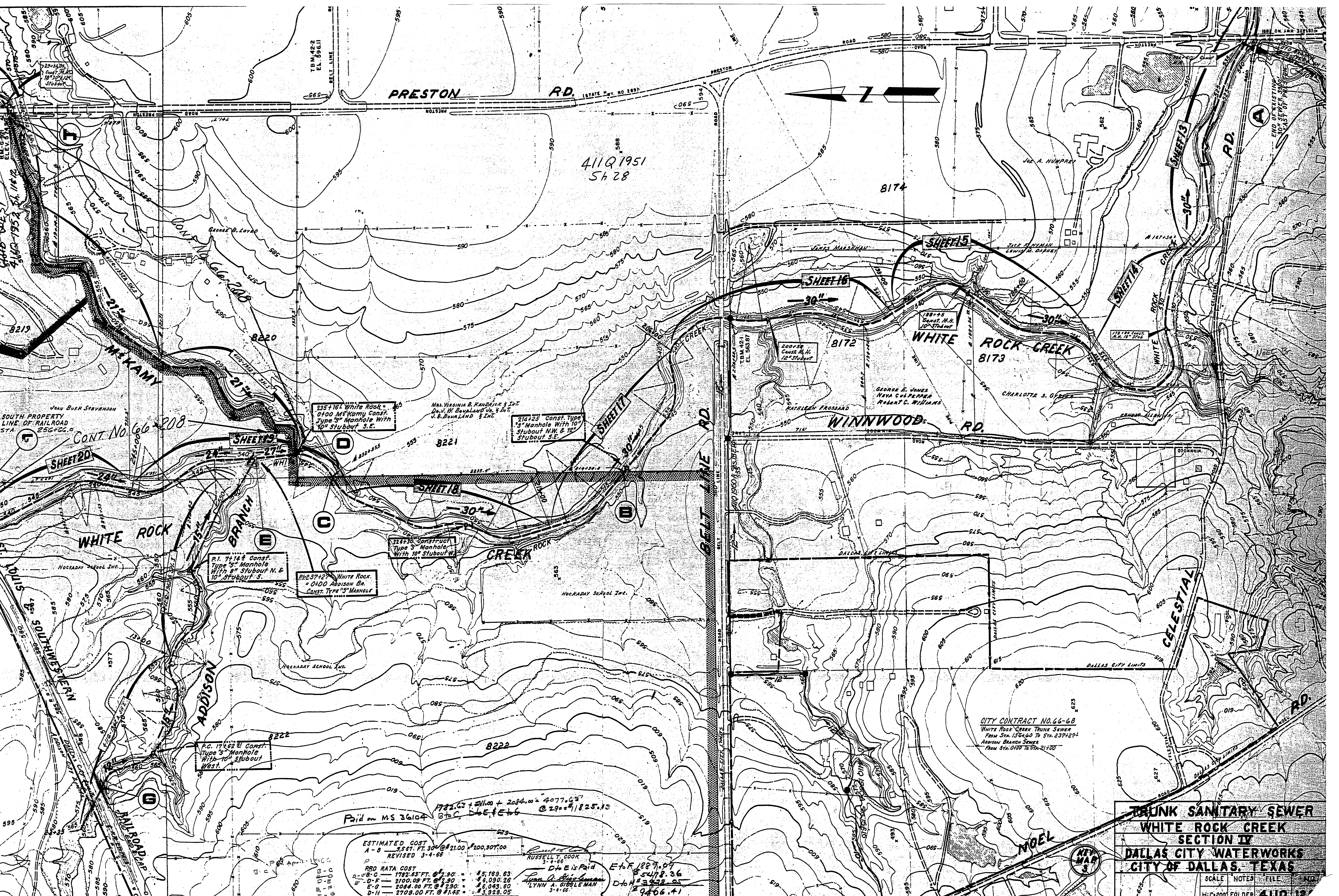
84" R.C. WATER MAIN
IN
CELESTIAL ROAD
FROM **SPRING VALLEY** TO **DALLAS N. PKWY.**
DALLAS WATER UTILITIES DEPT.
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
S. REZAI	N. REZAI	JAN. 84	1" = 40'	SEE DETAIL	085W	GG0B

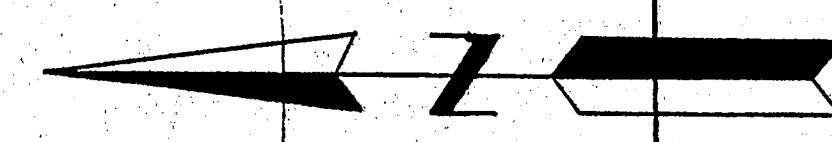
12

CON. # 84-45
Revised By: S. Rejai 3-6-85

Nov. 14, 1985



411Q1951
Sh 28



PRESTON RD. (STATE H.W. NO. 289)

WINNWOOD RD.

WHITE ROCK BRANCH

CELESTIAL RD.

P.I. 74-14 Const. Type 5" Manhole With 8" Stubout N. & 10" Stubout S.

Rt. 237+27 White Rock = 0100 Addison Br. Const. Type 5" MANHOLE

214+25 Const. Type 5" Manhole With 10" Stubout N.W. & 12" Stubout S.E.

235+164 White Rock = 0400 MS Kamy Const. Type 5" Manhole With 10" Stubout S.E.

P.C. 17+62 Const. Type 5" Manhole With 10" Stubout West.

CITY CONTRACT NO. 66-68
WHITE ROCK CREEK TRUNK SEWER
FROM STA. 125+00 TO STA. 237+294
ADDISON BRANCH SEWER
FROM STA. 0100 TO STA. 21+00

Paid on MS 36104 B to C D E F G @ 290.41 1825.13

ESTIMATED COST
A - B 5,567.00 @ \$21.00 = \$116,907.00
REVISED 3-4-68

PRO RATA COST

D - E	1782.63 FT. @ \$1.30 =	\$2,317.42
D - F	2100.09 FT. @ \$1.30 =	\$2,730.12
E - G	2084.00 FT. @ \$1.30 =	\$2,709.20
D - H	2709.00 FT. @ \$1.45 =	\$3,928.05

RUSSELL T. COOK
3-4-68
D to E is Paid
Lynn A. GIBBLEMAN
3-4-68

E to F 1887.07 @ 5478.36 = \$10,338.36
D to H 2392.25 @ 9466.41 = \$22,641.41

TRUNK SANITARY SEWER
WHITE ROCK CREEK
SECTION IV
DALLAS CITY WATERWORKS
CITY OF DALLAS, TEXAS

SCALE NOTED FILE NO. 411Q1951

ALBERT SUSMAN WIFE MINNIE SUSMAN
CHANNEL ESMT.
STA. 176+62.7 TO STA. 167+54.8
BLK. 8174
TEMP. WORKING SPACE GRANTED
SPECIAL CONDITIONS
PLACE PIPE BY BORING OR TUNNELING AT
DAM AT STA. 162+85, PROMPTLY SEAL
UPON COMPLETION OF SEWER, RESTORE
PROPERTY & DAM TO ITS ORIGINAL CONDITION
HAUL OFF DEBRIS AFTER CONSTRUCTION
DATE OF INSTRUMENT - 4-FEB-66
C.O. - 66-518
COUNTY RECORDS
VOL. - 769
Pg. - 775
DATE - 2-MAR-66

JOE M. COMAS & WIFE DOROTHY COMAS
CHANNEL ESMT.
BLK. 8173
STA. 175+98.5 TO STA. 179+55.5
TEMP. WORKING SPACE GRANTED
SPECIAL CONDITION
CITY WILL INSTALL AS 6" LAY WITH
3/8" TEMP. AT STA. 176+10
DATE OF INSTRUMENT - 20-DEC-65
C.O. - 66-678
COUNTY RECORDS
VOL. - 759
Pg. - 1289
DATE - 16-FEB-66

Lewis M. Dabney, Mary Jane Hyman, a widow,
individually and as trustees under the Will of
Jack F. Hyman, deceased.
Sanitary Sewer Easement lying in and along the
present channel of White Rock Creek, extending
from the east property line westerly and northerly a
distance of approx. 192' to the north property line,
Block 8173
Temp. Working Space Granted
Date of Easement - 4-6-62
C.O. - 62-1926
County Records, Vol. - 5764, Pg. - 503, Date - 5-4-62

Charlotte S. Gysler and husband Otto Gysler
Sanitary Sewer Main Easement lying in and along
the present channel of White Rock Creek, the east
property line of this tract, and extending from the south
property line northerly a distance of approx. 900' to the
north property line,
Block 8172
Temp. Working Space Granted.
Date of Easement - 4-5-62
C.O. - 62-1070
Vol. - 5771, Pg. - 185, Date - 5-10-62

Rostland Texas Inc.
41191951 5668-71
A = 3606 AC.
Q = 16.0 M.G.D.
C = 11.0 M.G.D.

A = 3196 AC.
Q = 14.2 M.G.D.
C = 9.7 M.G.D.

A = 3661 AC.
Q = 16.0 M.G.D.
C = 11.0 M.G.D. on H.G. 0.175%

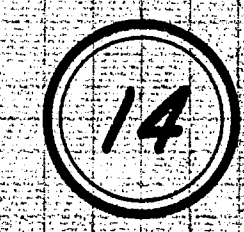
A = 3196 AC.
Q = 14.2 M.G.D.
C = 9.7 M.G.D.

B.M. 'X' IN SQUARE BOLT N. END OF
CONC. DAM @ STA. 162+85
ELEV. 526.71

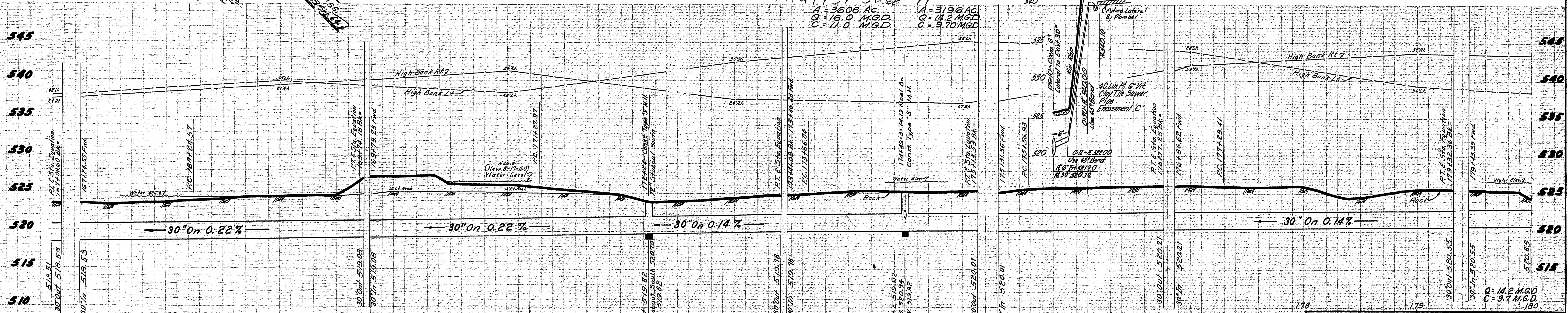
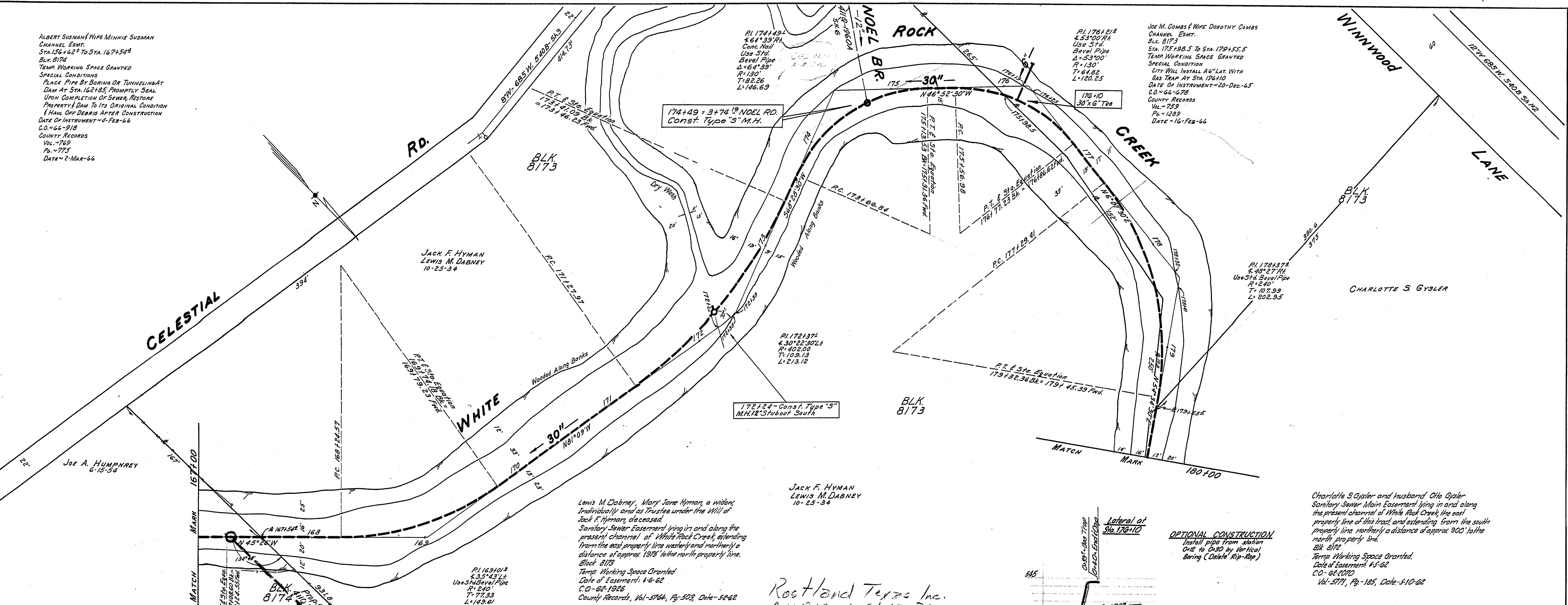
1234 LIN. FT. 30" REINF. CONC. SEWER PIPE CLASS III WALL B-75% LIMESTONE AGGREGATE GADDFY & LOVEN
ALL ENCASEMENT "C"
BACKFILL WITH CONC. FLUSH WITH ROCK LINE IN CREEK
AS PER APPURT. 4140-2

DESIGNED BY *A.E. Gaddy* DATE Dec 20, 1960
CIVIL ENGINEERS

APPROVED BY *W.A. Lovell* DATE Dec 20, 1960
ENGINEER OF DESIGN DALLAS CITY WATERWORKS
116
CITY CONT. NO. 66-68



TRUNK SANITARY SEWER				
WHITE ROCK CREEK				
SECTION II				
DALLAS CITY WATERWORKS				
CITY OF DALLAS, TEXAS				
DESIGN	DRAWN	DATE	SCALE	NOTES
Gaddy & Lovell	Nov	1960	Hor. 1"=40' Vert. 1"=6'	GAOY LOVEN
FILE	NO.			
4110-	1260			



Charlotte S Gysler and husband, Ott Gysler
Sanitary Sewer Main Easement lying in and along
the present channel of White Rock Creek, the east
property line of this tract, and extending from the
south property line northerly a distance of approx
900' to the north property line
Block 8172
Temp Working Space Granted
Date of Easement: 4-5-62
C.O. - 62-2270
County Records
Vol. 5971, Pg. 185, Date 5-10-62

CHARLOTTE S. GYSLER
7-13-57

BLK.
8173

BLK.
8172

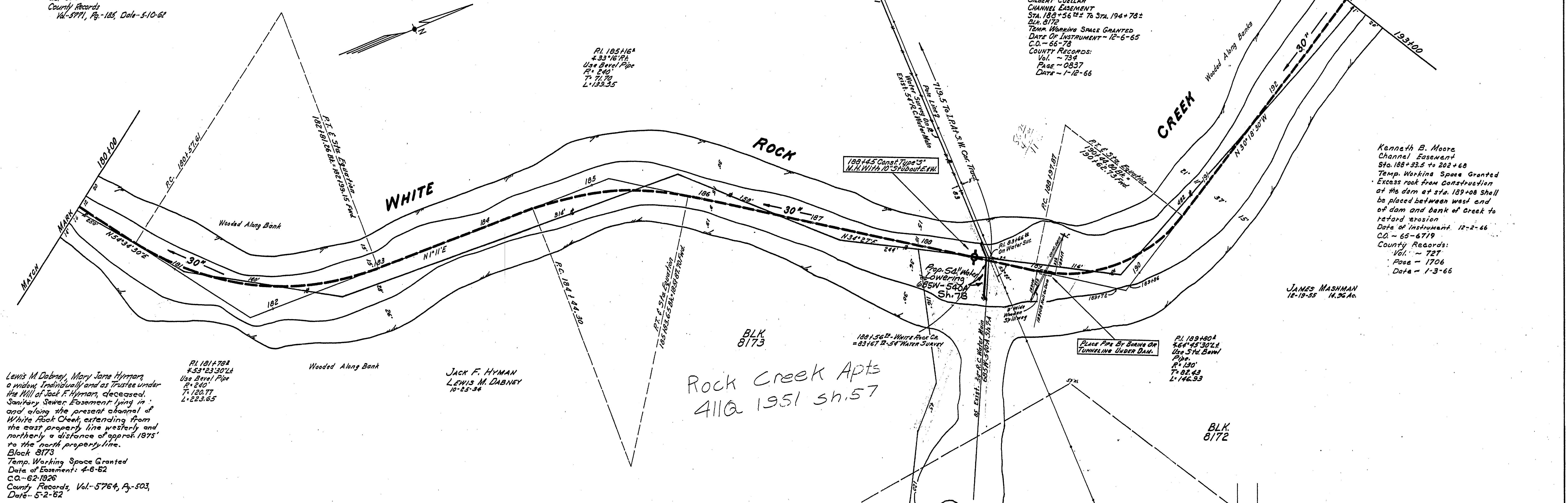
GEORGE E. JONES
NEVA CULPEPPER
ROBERT C. WILLIAMS
3-12-57 8, 21A.

GILBERT CUELLAR
CHANNEL EASEMENT
Sta. 189+56.22 to Sta. 194+78.22
BLK. 8172
TEMP. WORKING SPACE GRANTED
DATE OF INSTRUMENT - 12-6-65
C.O. - 66-78
COUNTY RECORDS:
Vol. - 734
Page - 0837
Date - 1-12-66

PI 185116A
4.33' 16" R.R.
Use Steel Pipe
R = 240
T = 71.70
L = 133.35

Kenneth B. Moore
Channel Easement
Sta. 188+33.5 to 202+60
Temp. Working Space Granted
Excess rock from construction
at the dam at sta. 189+08 shall
be placed between west end
of dam and bank of creek to
retard erosion
Date of Instrument: 12-2-66
C.O. - 65-6719
County Records:
Vol. - 727
Page - 1706
Date - 1-3-66

JAMES WASHMAN
12-19-55 14, 25A.



Lewis M Dabney, Mary Jane Hyman,
a widow, Individually and as Trustee under
the Will of Jack F. Hyman, deceased.
Sanitary Sewer Easement lying in
and along the present channel of
White Rock Creek, extending from
the east property line westerly and
northerly a distance of approx. 1875'
to the north property line.
Block 8173
Temp. Working Space Granted
Date of Easement: 4-6-62
C.O. - 62-1926
County Records, Vol. - 5764, Pg. - 503,
Date - 5-2-62

PI 181478B
4.53' 23" 30" L
Use Steel Pipe
R = 240
T = 120.77
L = 223.65

JACK F. HYMAN
LEWIS M. DABNEY
10-25-54

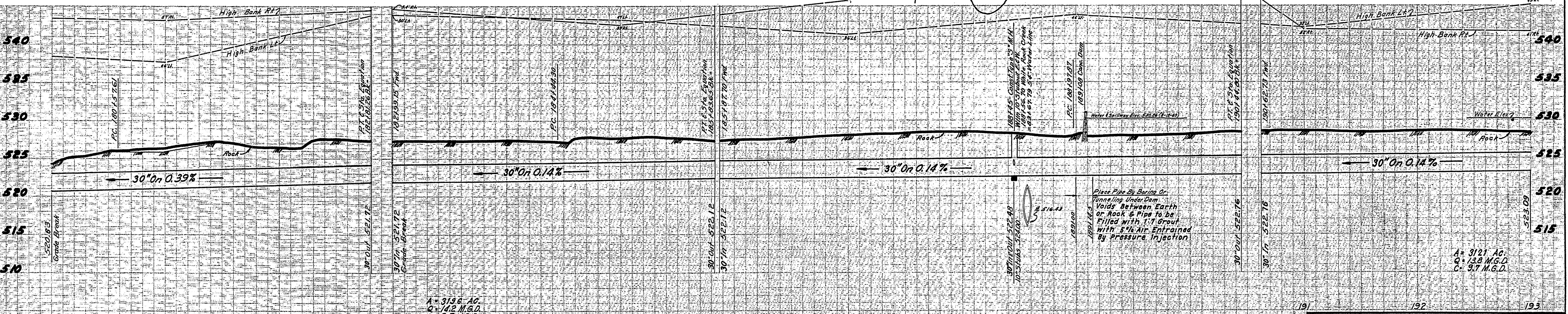
Rock Creek Apts
411Q 1951 sh. 57

188156B - White Rock Cr.
= 83167 B-54 Water Survey

Place Pipe By Borings Or
Tunneling Under Dam.

PI 189480A
4.66' 45" 30" L
Use Steel Pipe
R = 240
T = 81.43
L = 146.93

BLK.
8172



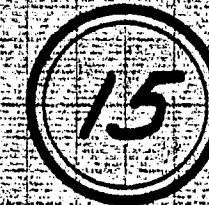
A = 3126 AG
Q = 142 M.G.D.
C = 9.7 M.G.D.

1260 LIN. FT. 30" REIN. CONC. SEWER PIPE, CLASS III WALL B' WITH 75% LIMESTONE AGGREGATE
ALL EASEMENT 'C'
BACKFILL WITH CONC. FLUSH WITH ROCK LINE IN CREEK
AS PER APPURT. J14D-2

DESIGNED BY: *D. E. Dabney* DATE: 12-20-60
GADY & LOVEN CIVIL ENGINEERS

APPROVED BY: *Wm. M. Moore* DATE: 1-19-61
ENGINEER OF DESIGN DALLAS CITY WATERWORKS

CITY CONT. NO. 66-68



TRUNK SANITARY SEWER						
WHITE ROCK CREEK						
SECTION IV						
DALLAS CITY WATERWORKS						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
GADY & LOVEN	Nov	1960	Hor 1"=40' Vert 1"=5'	GADY LOVEN	411Q	1260

B. M. Z. CUTON E. END OF
CONC. DAM AT RT. OF
STA. 189.08
ELEV. 531.27

GEORGE E. JONES
NEVA CULPEPPER
ROBERT C. WILLIAMS
3-12-57 6.21 Ac.

KATHLEEN FROSSARD
9-25-56 10 Ac.

ARTHUR L. KRAMER, JR. et al
CHANNEL EASEMENT
Sta. 195+00 to 202+68 BLK. 8172
TEMP. WORKING SPACE GRANTED
DATE OF INSTRUMENT - 12-6-65
C.O. 65-6719
COUNTY RECORDS
Vol. - 727
Pg. - 1700
DATE - 1-3-66

BLK.
8172

BLK.
8221

J.W. BOURLAND, JR.
SAN SEWER CHANNEL EASEMENT
Sta. 203+68 To Sta. 214+348
BLK. 8221
TEMP. WORKING SPACE GRANTED
DATE OF INSTRUMENT - 1-11-66
C.O. - 66-411
COUNTY RECORDS
Vol. - 749
Page - 1335
DATE - 2-2-66

GILBERT CUELLAR
CHANNEL EASEMENT
Sta. 183+50 to Sta. 194+70
BLK. 8172
TEMP. WORKING SPACE GRANTED
DATE OF INSTRUMENT - 12-6-65
C.O. - 66-78
COUNTY RECORDS
Vol. - 737
Page - 2037
DATE - 1-12-66

PI 1941834
4.53' 33" R.R.
Use Bevel Pipe
R = 240'
L = 121.36'
L = 224.73'

EX 48" RC. SEWER -
SEE 411Q 1760 SH. 44
(CONTRACT 83-146)

NOTE:
GAS COMPANY HAS
BEEN NOTIFIED TO
CLEAR PROPOSED
SANIT. SEWER MAIN

PI 2014644
4.20' 23" R.R.
R = 400'
L = 70.71'
L = 135.98'

PI 2041073
4.36' 42" 30" L.A.
Use Bevel Pipe
R = 240'
L = 153.62'
L = 153.76'

PI 1971864
4.36' 21" 30" L.A.
R = 400'
L = 131.35'
L = 253.83'

JAMES MASHMAN
12-19-55 14.96 Ac.
Rock Creek Apts
411Q 1951 Sh. 57

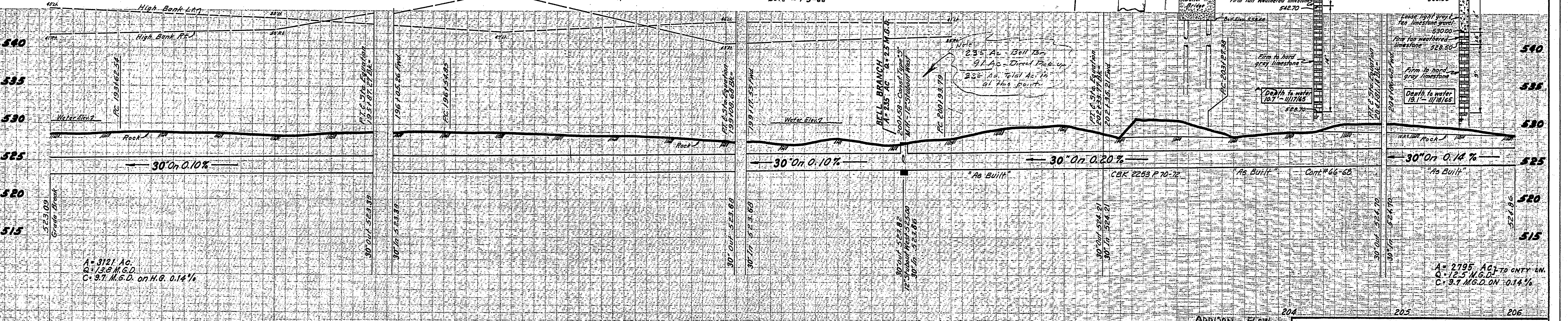
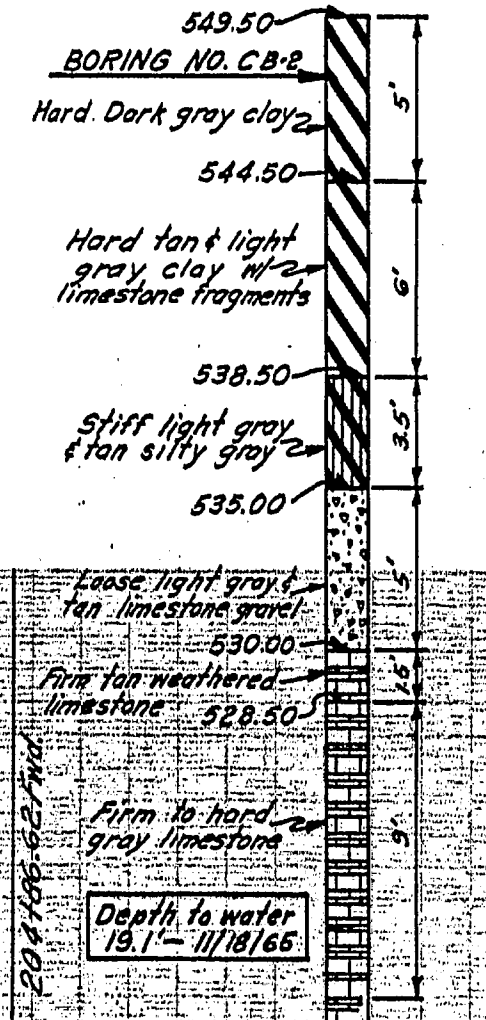
Kenneth B. Moore
Channel Easement
Sta. 189+38.5 to 202+68
Temp. Working Space Granted
Excess rock from construction
at the dam at sta. 189+00 shall
be placed between west end
of dam and bank of creek to
retard erosion.
Date of Instrument 12-2-65
C.O. - 65-6719
County Records:
Vol. - 727
Page - 1706
Date - 1-3-66

Mrs. Virginia B. Hendrick 1/3 Int.
Dr. J.W. Bourland Jr. 1/3 Int.
John B. Bourland 1/3 Int.
96.88 Ac.

SECTION B-B

SECTION A-A

BLK.
8221



1266 LIN. FT. 30" REINF. CONC. SEWER PIPE, CLASS III WALL 12.75% LIMESTONE AGGREGATE
ALL ENCASEMENT "C"
BACKFILL WITH CONC. FLUSH WITH ROCK LINE IN CREEK
AS PER APPURT. 414D-2

DESIGNED BY: GADY & LOVEN
DATE: 11-10-65
APPROVED BY: [Signature]
DATE: 12-20-65
ENGINEER OF DESIGN: GADY & LOVEN
CITY CONT. NO. 66-68



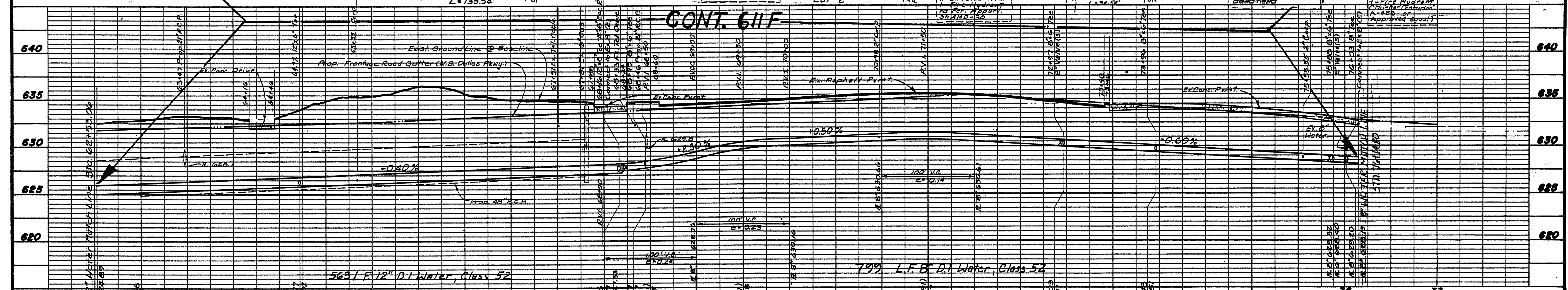
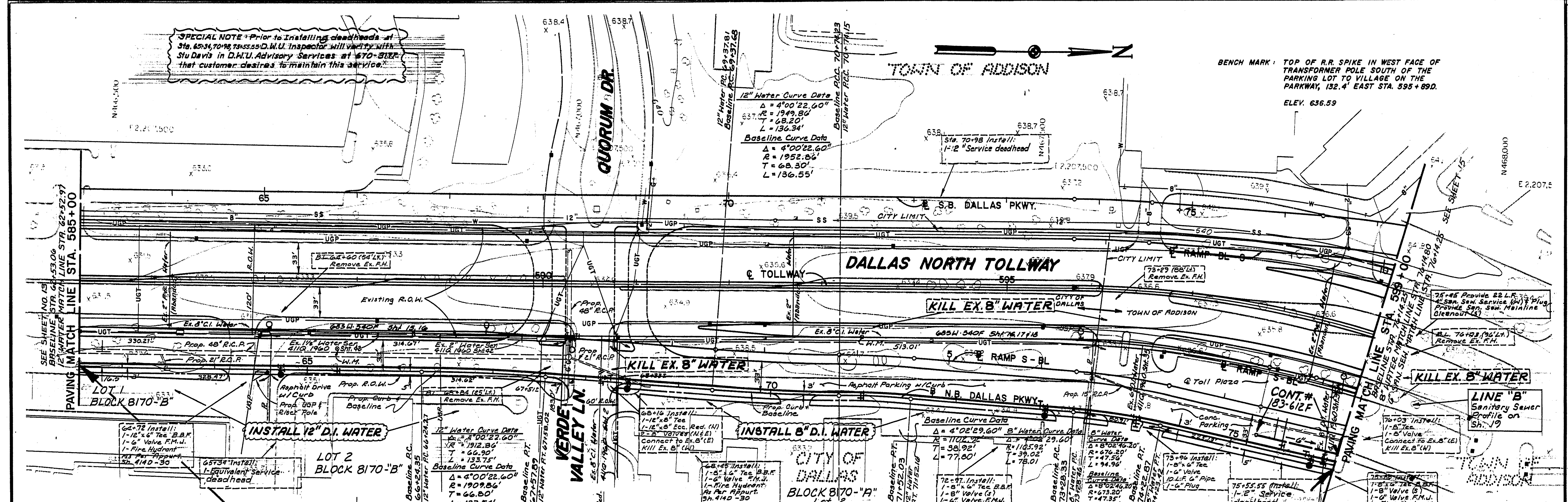
TRUNK SANITARY SEWER					
WHITE ROCK CREEK					
SECTION IV					
DALLAS CITY WATERWORKS					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
GADY & LOVEN	NOV	1960	Hor. 1"=40'	Vert. 1"=6'	GADY & LOVEN
					411Q-1260

B.M. STA. WATER DEPT. B.M. ON WALKWAY
AT N.W. COR. OF CONC. BRIDGE ON
BELT LINE RD. OVER WHITE ROCK CR.
ELEV. 563.12

SPECIAL NOTE: Prior to installing deadheads at Sta. 62+96, 70+96, 75+55, S.D.M.U. Inspector will verify with Stu Davis in D.M.U. Advisory Services at 670-3187 that customer desires to maintain this service.

TOWN OF ADDISON

BENCH MARK: TOP OF R.R. SPIKE IN WEST FACE OF TRANSFORMER POLE SOUTH OF THE PARKING LOT TO VILLAGE ON THE PARKWAY, 132.4' EAST STA. 595+89D.
ELEV. 636.59

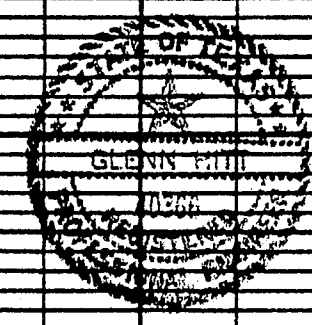


WATER METERS
11, 66, 34, 12, 31, 1, undeterm. 100, 10, 70, 90, 10, 31, 1, 2, 7, 4, 4, 7

NOTES:
1. All water mains shall be under 100' class 52 pipe for systems 100' on pipe and fittings.

Designed by: *Robert Hill*
TURNER COLLIE & BRADEN, INC. Date: 7-22-83

Design Approved, Engineer, Retiree: *James L. Melsted*
DWU R.O.W. Approval: _____
DWU Contract No.: 63-61E, 63-61F

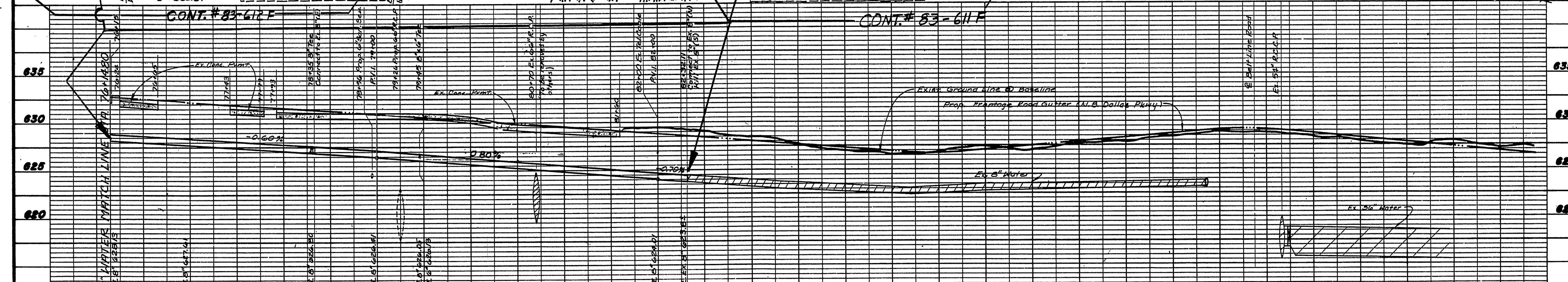
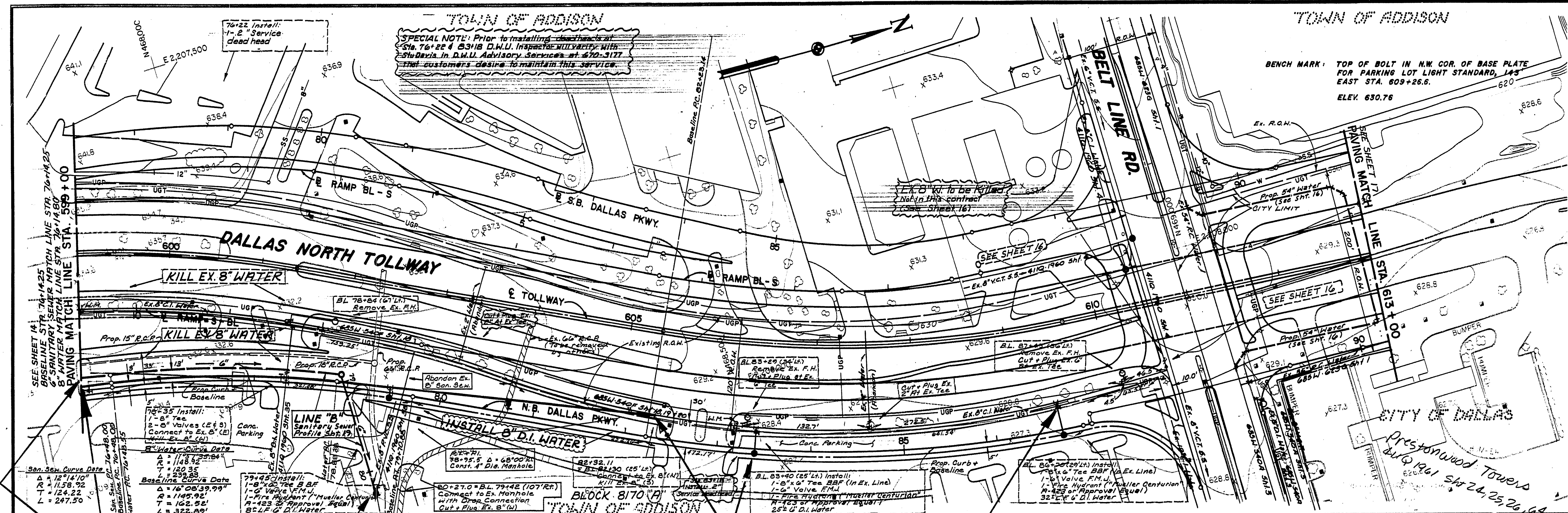


SHEET
14

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY WATER & SANITARY SEWER RELOCATIONS PAVING STA. 585+00 TO STA. 599+00 DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS			
Turner Collie & Braden Inc. Consulting Engineers			SECTION VII
DESIGN	DRAWN	DATE	SCALE
J.G.H.	T.C.B.B.	JUNE 1983	1" = 50'H 1" = 5'V
NOTES	FILE	NO.	
T.C.B.B. INC.	411-Q	1909A	

SPECIAL NOTE: Prior to installing discharges at Sta. 76+22 & 83+18 D.W.U. Inspector will verify with Studies in R.W.U. Advisory Services at 670-3177 that customers desire to maintain this service.

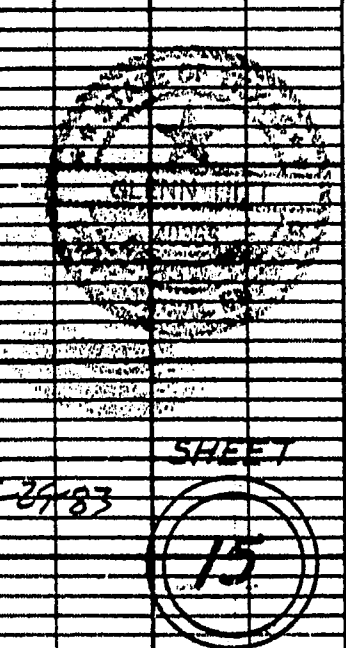
BENCH MARK: TOP OF BOLT IN N.W. COR. OF BASE PLATE FOR PARKING LOT LIGHT STANDARD, 145 EAST STA. 809+26.6. ELEV. 630.76



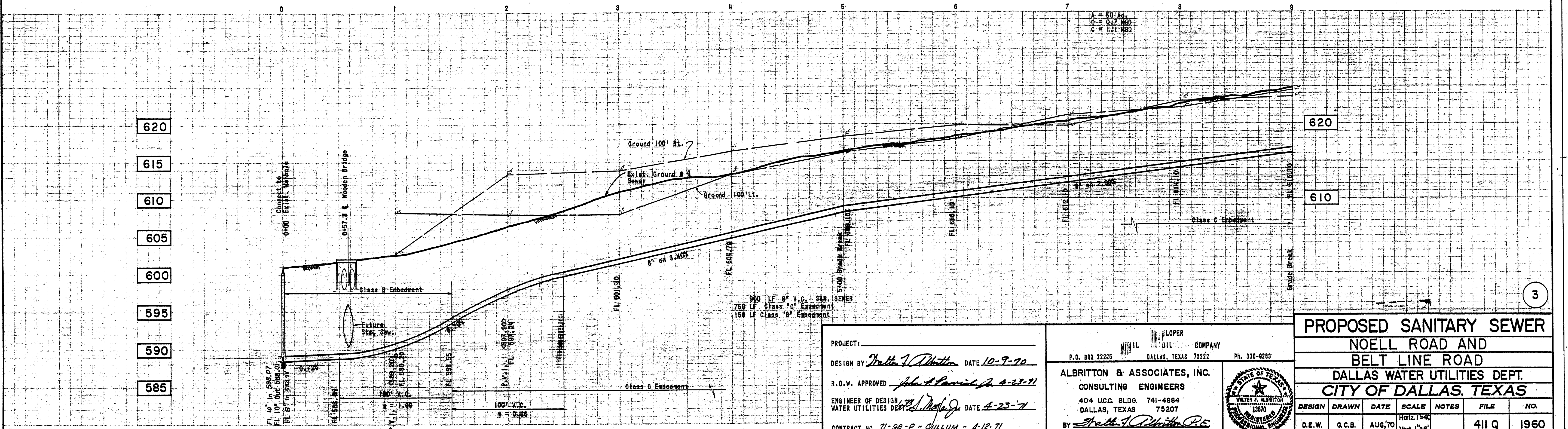
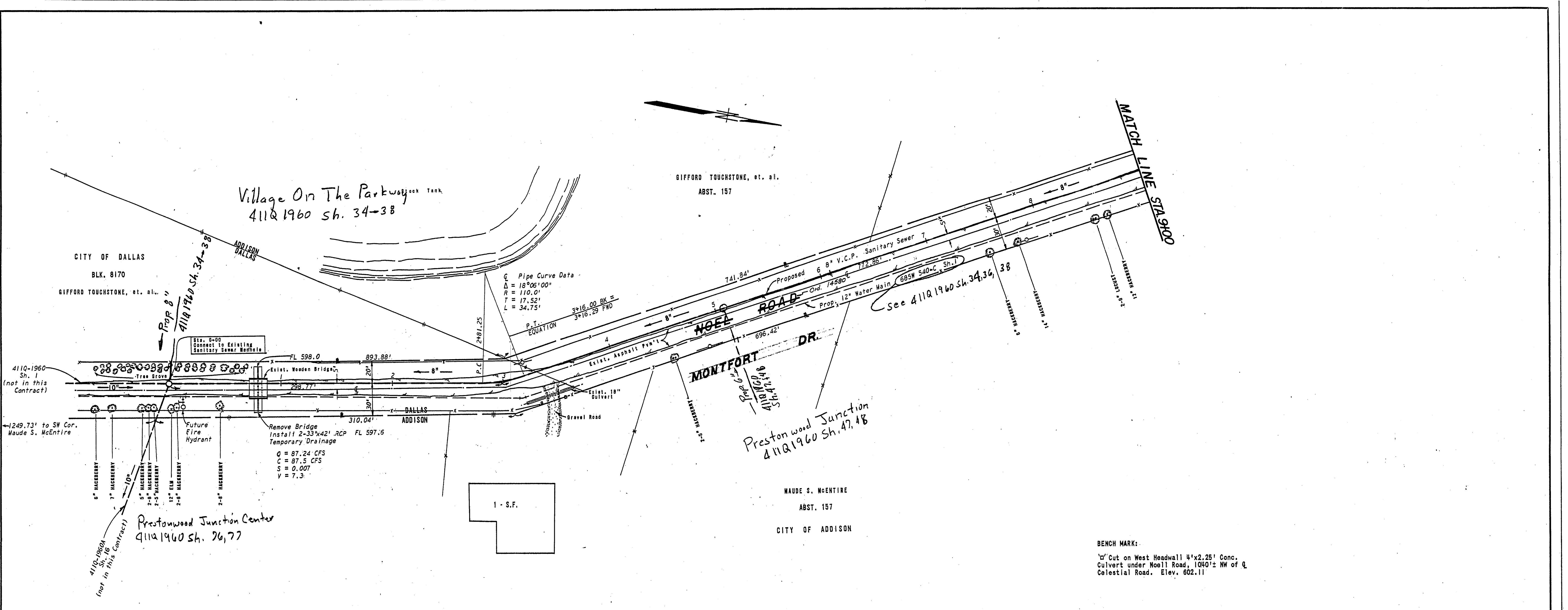
HYDRA METER
13. 70x22 (8.5' L.) 2" BRASS
14. 6x15 (2.5' L.) UNDERGROUND

NOTES:
1. All Water Mains Shall Be Ductile Iron,
Class 50 With Polyethylene Wrap on
Pipe and Fittings.

Designed by: *[Signature]* Date: 9-22-83
TURNER GOLLIE & BRADEN, INC.
Design Approved, Engineer Relocations: *[Signature]* 6-24-83
D.W.U. R.O.W. Approval
D.W.U. Contract No. 83-611E, 83-612E



NO.		REVISION		BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY					
WATER & SANITARY SEWER RELOCATIONS PAVING STA. 599+00 TO STA. 613+00 DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS					
Turner Gollie & Braden, Inc. Consulting Engineers					SECTION II
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
J.G.H.	T.C.B.B.	JUNE 1983	1"=50'H 1"=5'V	T.C.B.B. INC.	411-Q 1909A



GIFFORD TOUCHSTONE, et. al.
ABST. 157

CITY OF DALLAS
BLK. 8170
GIFFORD TOUCHSTONE, et. al.

Village On The Parkway Tank
411Q 1960 Sh. 34-38

411Q-1960
Sh. 1
(not in this
contract)

1249.73' to SW Cor.
Maude S. McEntire

Prestonwood Junction Center
411Q 1960 Sh. 26, 77

Prestonwood Junction
411Q 1960 Sh. 47, 48

HAUDE S. McENTIRE
ABST. 157
CITY OF ADDISON

BENCH MARK:
"1" Cut on West Headwall 4'x2.25' Conc.
Culvert under Noel Road, 1040± NW of Q
Celestial Road. Elev. 602.11

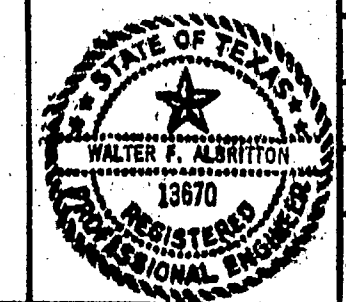
620
615
610
605
600
595
590
585

620
610

3

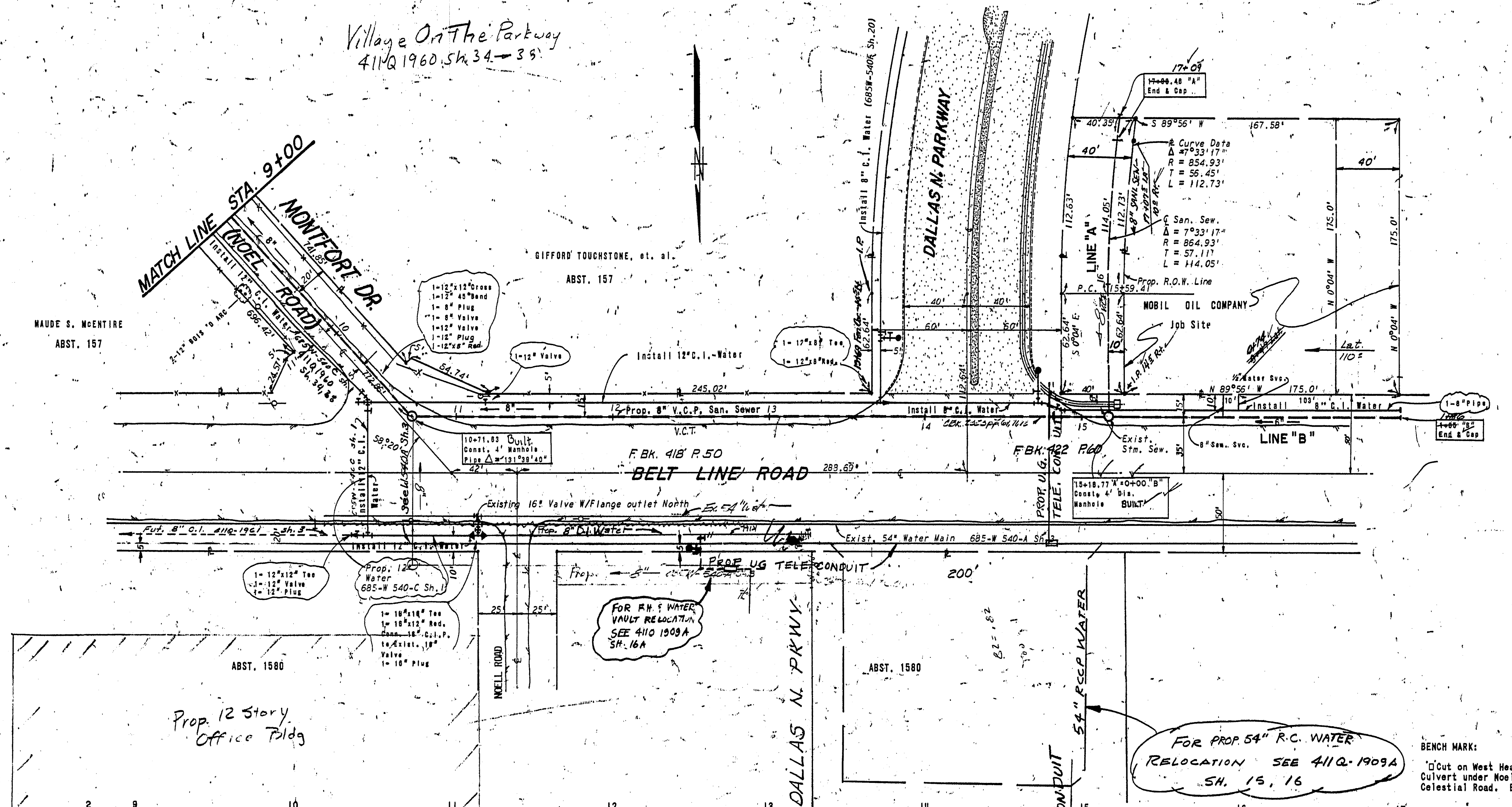
PROJECT:
DESIGN BY *Walter F. Albritton* DATE 10-9-70
R.O.W. APPROVED *John T. Linnell* 4-23-71
ENGINEER OF DESIGN *Walter F. Albritton* DATE 4-23-71
WATER UTILITIES DEPT. DALLAS, TEXAS
CONTRACT NO. 71-98-P - CULLUM - 4-12-71

ALBRITTON & ASSOCIATES, INC.
CONSULTING ENGINEERS
404 U.C.C. BLDG. 741-4884
DALLAS, TEXAS 75207
BY *Walter F. Albritton P.E.*



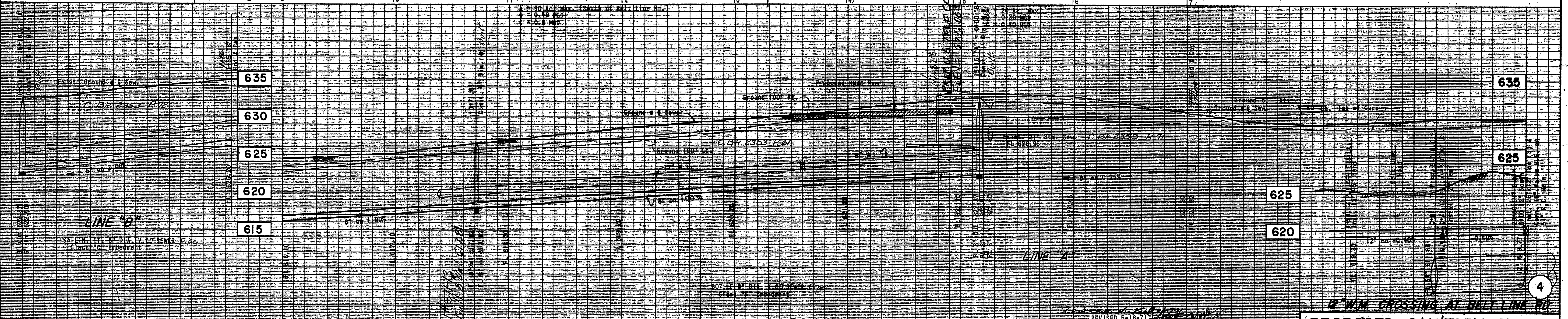
PROPOSED SANITARY SEWER						
NOELL ROAD AND						
BELT LINE ROAD						
DALLAS WATER UTILITIES DEPT.						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
D.E.W.	G.C.B.	AUG, 70	Horiz. 1"=40' Vert. 1"=6'		411 Q	1960

Village On The Parkway
411Q 1960 SH 34-35



- GENERAL NOTES:
1. All Water Mains shall be Class 200 Cast Iron Pipe and shall have a minimum cover of 4' below ground or approved street grade.
 2. Due to soil resistivity readings of less than 1500 OHMS per cc., all C.I. Water Pipe shall have 8 mil. thickness Polyethylene Tube Wrap.
 3. 1 1/2" Copper Water Service shall be installed at location shown.
 4. San. Service shall be 6" Vitrified Clay Tile.

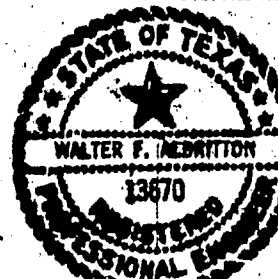
BENCH MARK:
Out on West Headwall 4'x2.25' Conc. Culvert under Noell Road, 100'± NW of Celestial Road. Elev. 602.11



PROJECT: _____
 DESIGN BY *John F. Albritton* DATE *10-9-70*
 R.O.W. APPROVED *[Signature]* DATE *4-23-71*
 ENGINEER OF DESIGN *[Signature]* DATE *4-23-71*
 WATER UTILITIES DEPT.
 CONTRACT NO. *71-98-P-CULLUM-4-12-71*

PROJECT: _____
 DESIGN BY *John F. Albritton* DATE *10-9-70*
 R.O.W. APPROVED *[Signature]* DATE *11-17-70*
 ENGINEER OF DESIGN *[Signature]* DATE *11-17-70*
 WATER UTILITIES DEPT.
 CONTRACT NO. *70-217-P-Cullum-11-17-70*

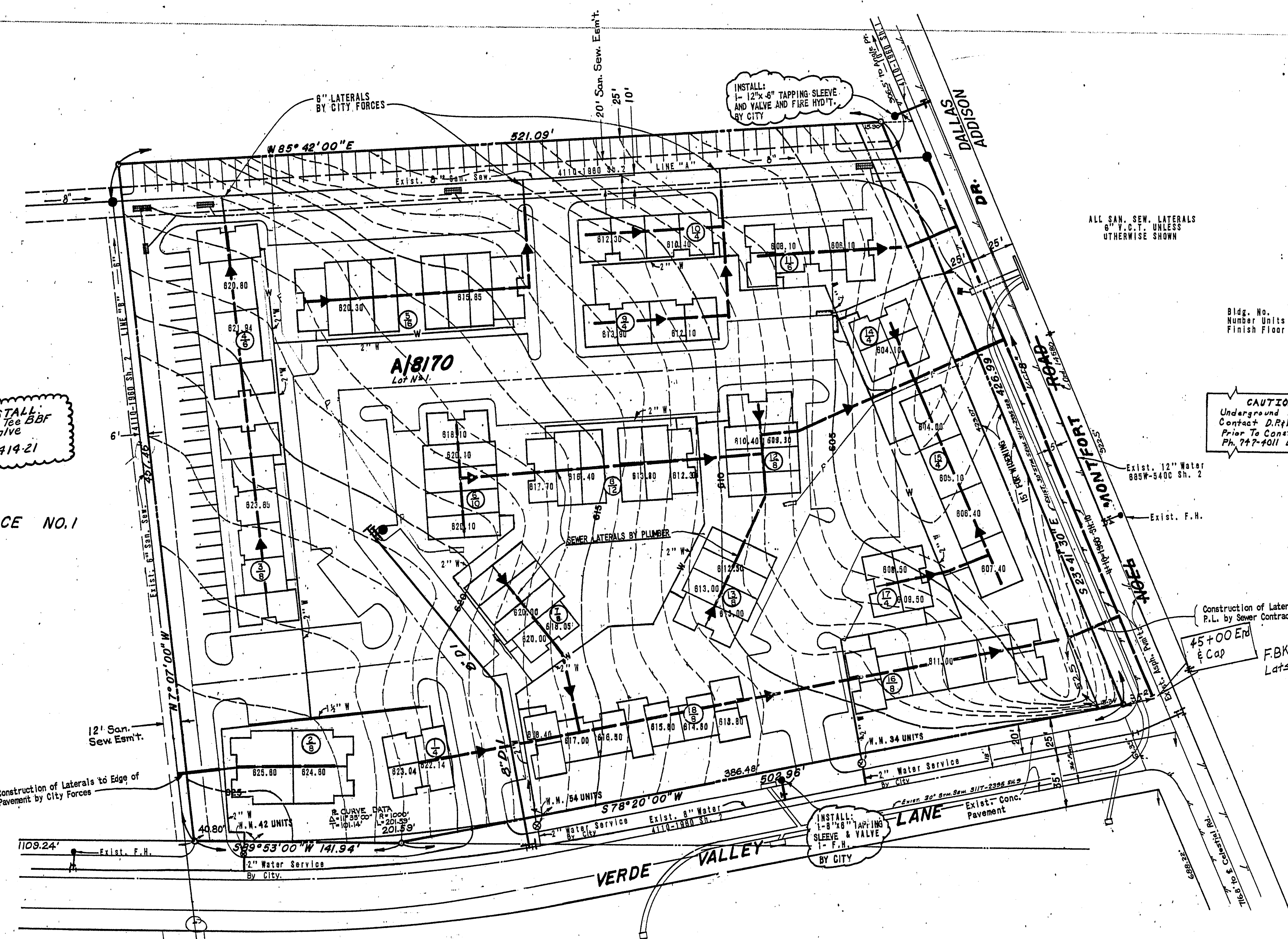
DEVELOPER
 MOBIL OIL COMPANY
 P.O. BOX 22225 DALLAS, TEXAS 75222 Ph. 338-8283
 ALBRITTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 404 UCC BLDG. 741-4884
 DALLAS, TEXAS 75207
 BY *John F. Albritton P.E.*



PROPOSED SANITARY SEWER						
NOELL ROAD AND BELT LINE ROAD						
DALLAS WATER UTILITIES DEPT.						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
D.E.W.	G.C.B.	AUG. 70	HORIZ. 1"=40' VERT. 1"=6'		411Q	1960

PARKWAY PLACE NO. 1

INSTALL:
1-2x6 Tee BBF
1-6" Valve
1-F.H.
Spec. 414-21



ALL SAN. SEW. LATERALS
6" V.C.T. UNLESS
OTHERWISE SHOWN

Bldg. No. (2)
Number Units (2)
Finish Floor Elev. 809.30

CAUTION!
Underground D.F.L. Conduit
Contact D.F.L. Two Days
Prior To Const. In This Area
Ph. 747-4011 Ex. 206

Construction of Laterals to Widened
P.L. by Sewer Contractor
45+00 E.P.
& Cap
F.B.K. 2353 Ps. 69-70
Lots Built on C#70-192-P

INSTALL:
1-3x3 Tapping Sleeve
1-3" Valve

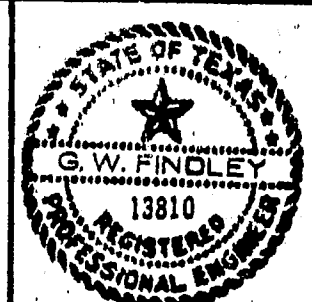
NOTE: 250± LF 8" DI Water Pipe
Class 52

L.H.R.H.W.
Add.
411Q-196056A2, A3

9

PROJECT
DESIGN BY G. W. Findley DATE 5-5-71
APPROVED BY _____ DATE _____
ENGINEER OF DESIGN G. W. Findley DATE 5-7-71
WATER UTILITIES DEPT.
CONTRACT NO. SUPPLEMENT TO 70-192-P-CULLUM-5-6-71

DEVELOPER
G. & C. PROPERTIES, INC.
2912 McARTHUR BLVD. IRVING, TEXAS 75060 Ph. 258-4101
ALBRITTON & ASSOCIATES, INC.
CONSULTING ENGINEERS
DALLAS, TEXAS
BY G. W. Findley



WATER & SEWER LAYOUT						
PARKWAY PLACE NO. 2						
CITY PLAN FILE NO. 70-211A						
DALLAS WATER UTILITIES DEPT.						
DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
G.W.F.	D.M.	APR., '71	1" = 40'		411Q	1960

CITY OF ADDISON

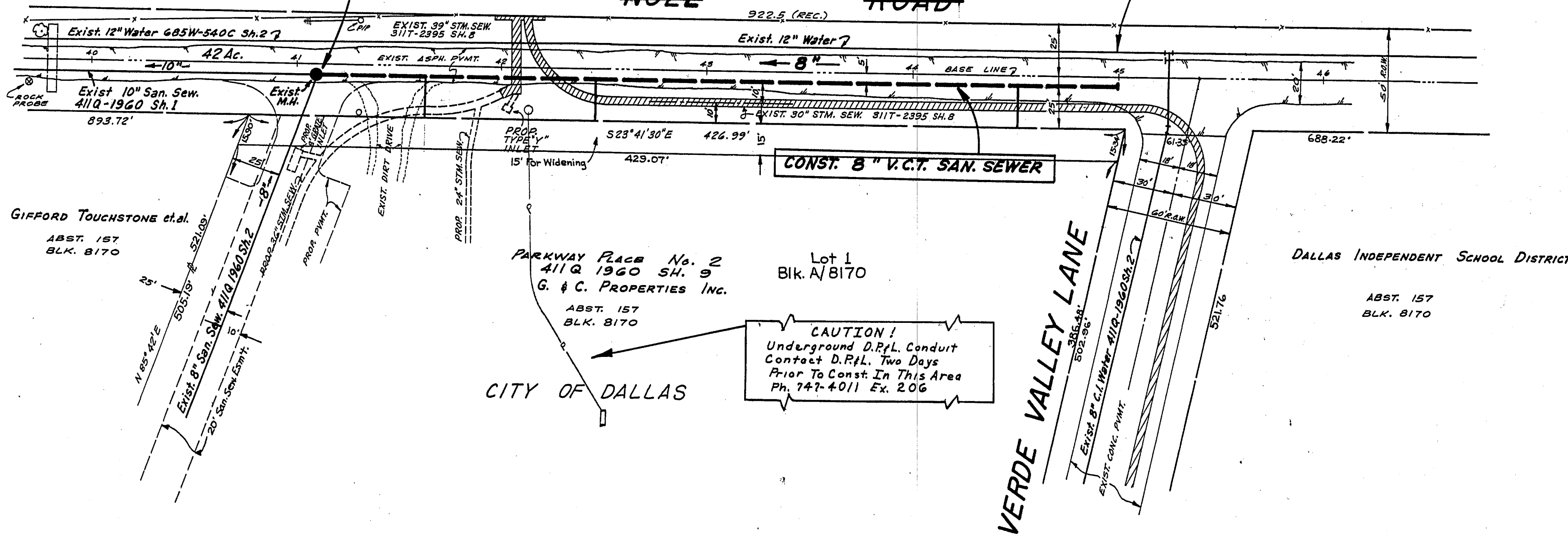
MAUDE S. McENTIRE
ABST. 157

Oak North Add.
411Q-1960 Sh. 47, 48

41+10 CONNECT 10" SAN. SEW.
TO EXIST 10" STUBOUT AT M.M.
WITH 8"x10" TILE INCREASER

45+00 END & CAP

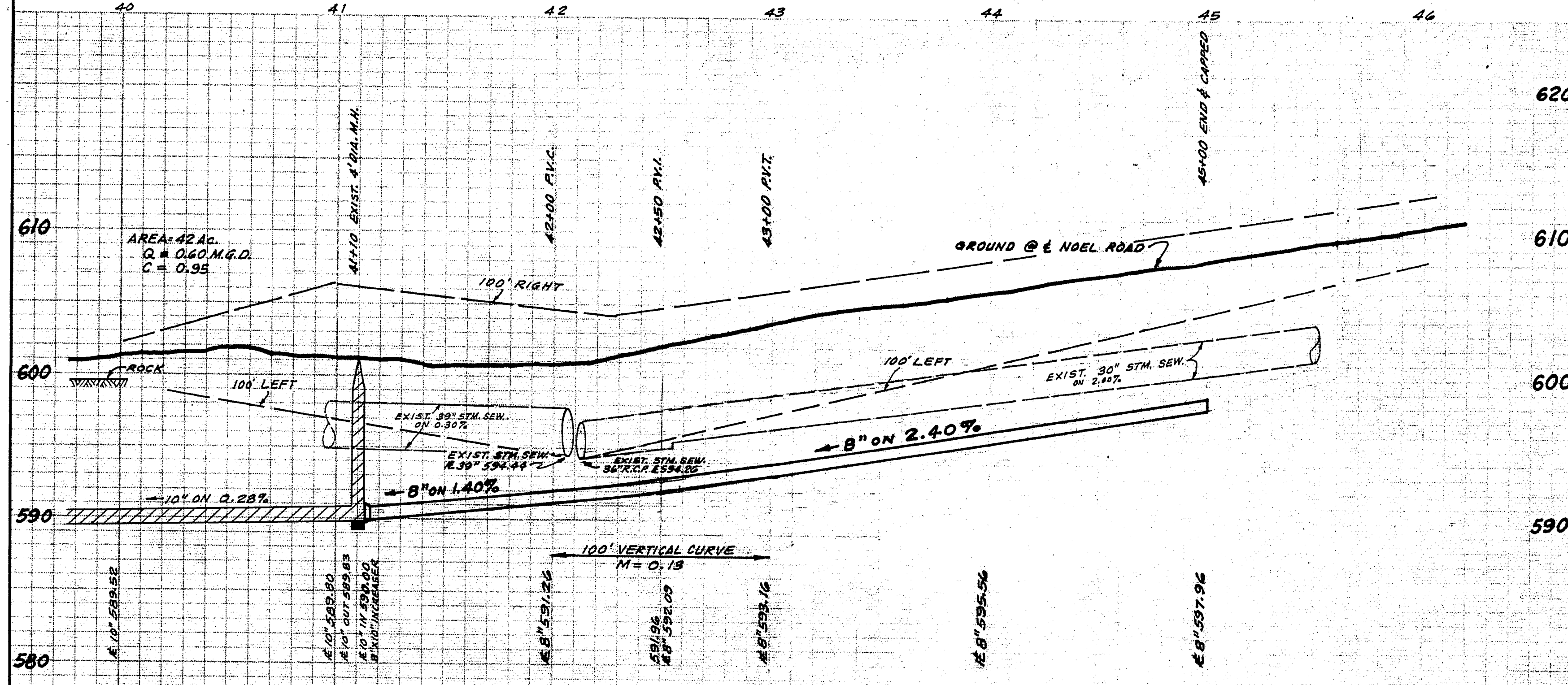
MONTFORT
NOEL DR. - Ord. 14580



CAUTION!
Underground D.P.L. Conduit
Contact D.P.L. Two Days
Prior To Const. In This Area
Ph. 747-4011 Ex. 206

NOTE:
SANITARY SEWER SERVICES
SHALL BE 6" VITRIFIED CLAY TILE

BENCH MARK:
Iron Pin in Fence Line 216.3 feet East of &
Dallas Parkway in North R.O.W. Line of
Celestial Road. Elev. 699.81

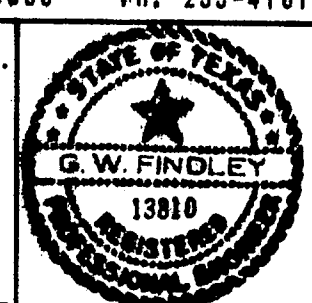


10

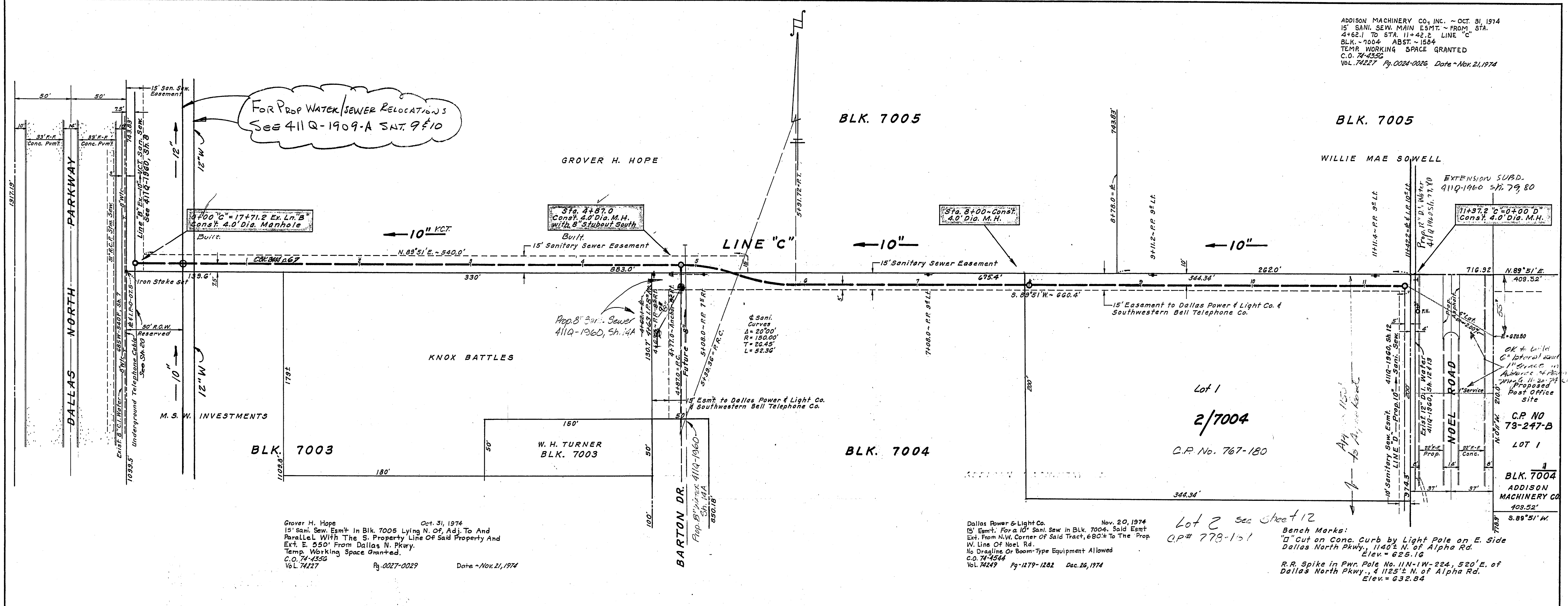
PROJECT _____
 DESIGN BY *G. W. Findley* DATE 5-5-71
 R.O.W. APPROVED *[Signature]* DATE 5-7-71
 ENGINEER OF DESIGN *[Signature]* DATE 5-7-71
 WATER UTILITIES DEPT. _____
 CONTRACT NO. SUPPLEMENT TO 70-192-P-CULLUM-5-G-71

DEVELOPER
 G. & C. PROPERTIES, INC.
 2812 McARTHUR BLVD. IRVING, TEXAS 75060 Ph. 255-4101
 ALBRITTON & ASSOCIATES INC.
 CONSULTING ENGINEERS
 404 U.C.C. BLDG. 741-4884
 DALLAS, TEXAS 75207
 BY *G. W. Findley*

NOEL ROAD SANITARY SEWER						
DALLAS WATER UTILITIES DEPT. CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
G. W. F.	M. R. K.	APRIL 1971	Hor. 1" = 40' Ver. 1" = 6'		411Q	1960



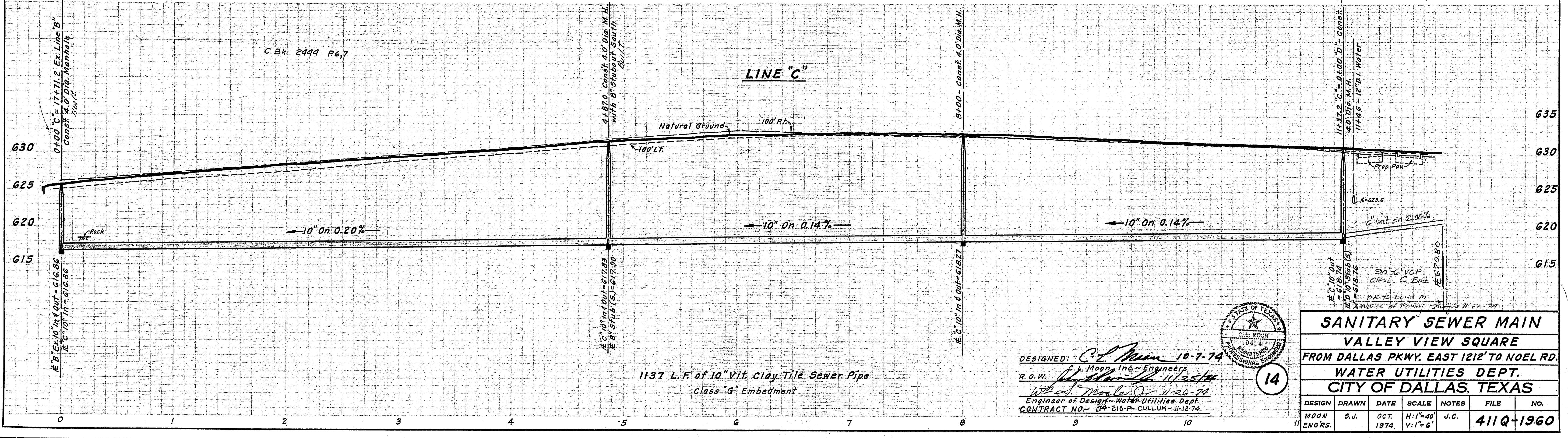
ADDISON MACHINERY CO., INC. - OCT. 31, 1974
 15' SANI. SEW. MAIN ESM'T. FROM STA. 4+62.1 TO STA. 11+42.2 LINE "C"
 BLK. 7004 ABST. - 1504
 TEMP. WORKING SPACE GRANTED
 C.O. 74-4352
 Vol. 74227 Pg. 0024-0026 Date - Nov. 21, 1974



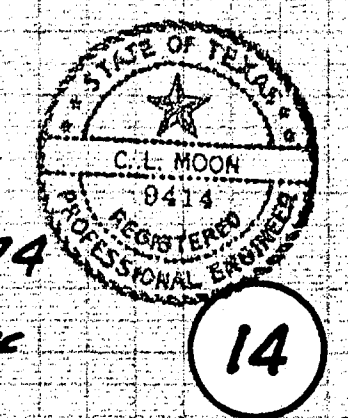
Grover H. Hope Oct. 31, 1974
 15' Sani. Sew. Esm't in Blk. 7005 Lying N. of, Adj. To And Parallel With The S. Property Line Of Said Property And Ext. E. 550' From Dallas N. Pkwy.
 Temp. Working Space Granted.
 C.O. 74-4352
 Vol. 74227 Pg. 0027-0029 Date - Nov. 21, 1974

Dallas Power & Light Co. Nov. 20, 1974
 15' Esm't. For a 10" Sani. Sew. in Blk. 7004. Said Esm't Ext. From N.W. Corner Of Said Tract, 680'± To The Prop. W. Line Of Noel Rd.
 No Dragline Or Boom-Type Equipment Allowed
 C.O. 74-4544
 Vol. 74249 Pg. 1279-1282 Dec. 26, 1974

Lot 2 See sheet 12
 CP# 773-151
 Bench Marks:
 "D" Cut on Conc. Curb by Light Pole on E. Side Dallas North Pkwy., 1140'± N. of Alpha Rd. Elev. = 625.16
 R.R. Spike in Pwr. Pole No. 11N-1W-224, 520' E. of Dallas North Pkwy., 4 1125'± N. of Alpha Rd. Elev. = 632.84



DESIGNED: C.L. Moon 10-7-74
 F.L. Moon, Inc. - Engineers
 R.O.W. [Signature] 11/25/74
 W.S. [Signature] 11-26-74
 Engineer of Design - Water Utilities Dept.
 CONTRACT NO. 74-216-P-CULLUM-11-12-74



SANITARY SEWER MAIN					
VALLEY VIEW SQUARE					
FROM DALLAS PKWY. EAST 1212' TO NOEL RD.					
WATER UTILITIES DEPT.					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
MOON	S.J.	OCT. 1974	H:1"=40' V:1"=6'	J.C.	411Q-1960
ENGRS.					

SUNDANCE APTS
411Q 1960 SH. 59, 60

7005

7006

7007

7008

THE DORCHESTER
411Q 1960 SH. 111, 112

See 411Q-1960 Sh. 79
(12" San. Sew.)

ALL TIES TO SURVEY LINE

6" x 5.65' DIA. 100' C' CONCRETE DIA. RECAST M.H.

15F 14035
15F 14036

P.I. 5+65
A: 2' 52' 30" RT
PULL PIPE AS REQ.

EXHIBIT 10" ST. 4+71 TO STA. 5+61 TO BE OBTAINED

15F 14037
15F 14038

4+71 B' End and Cap

4+22.46 B' = 0+00.00 C' CONSTR. 4" DIA. M.H.

0+00.00 B' = 0+05.00 A' CONN. TO EX. M.H.

TEX. COORD. N. 464, 200 E. 2, 210, 500

Sta. 11+00 END OF COP
Survey P.I. 10+41
A: 1' 45' 53" LT

P.I. 10+40.87
A: 1' 40' 53" LT

10+03 1 1/2" RT 6" Chinaberry 10+00 & Trip 3" Chinaberry

15F 14025

15F 14026

15F 14027

15F 14028

15F 14029

15F 14030

15F 14031

15F 14032

15F 14033

15F 14034

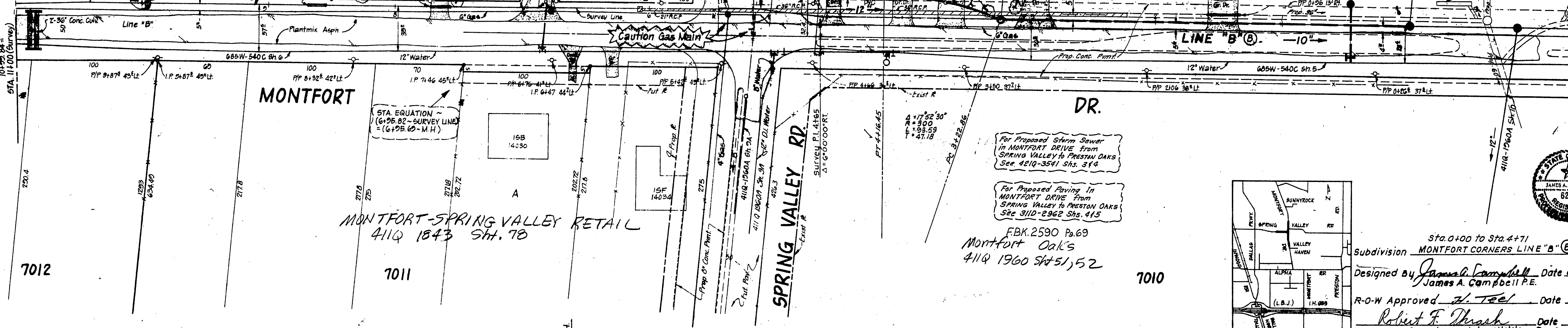
15F 14035

15F 14036

15F 14037

15F 14038

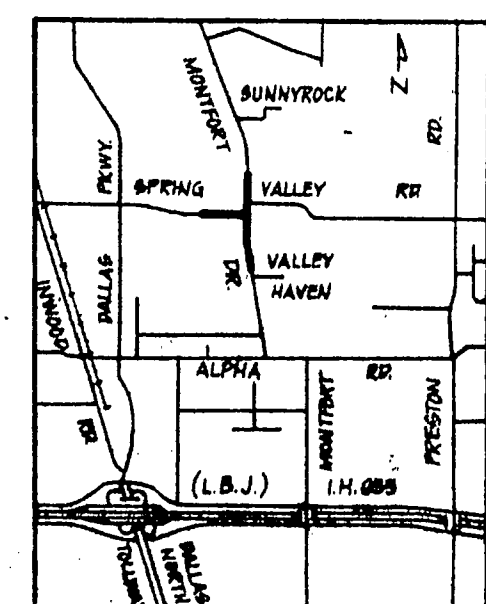
15F 14039



For Proposed Storm Sewer in MONTFORT DRIVE From SPRING VALLEY to PRESTON OAKS See 411Q-3541 SHS. 314

For Proposed Paving in MONTFORT DRIVE From SPRING VALLEY to PRESTON OAKS See 311D-2962 SHS. 415

FBK.2590 Pg.69
Montfort Oaks
411Q 1960 SH. 51, 52

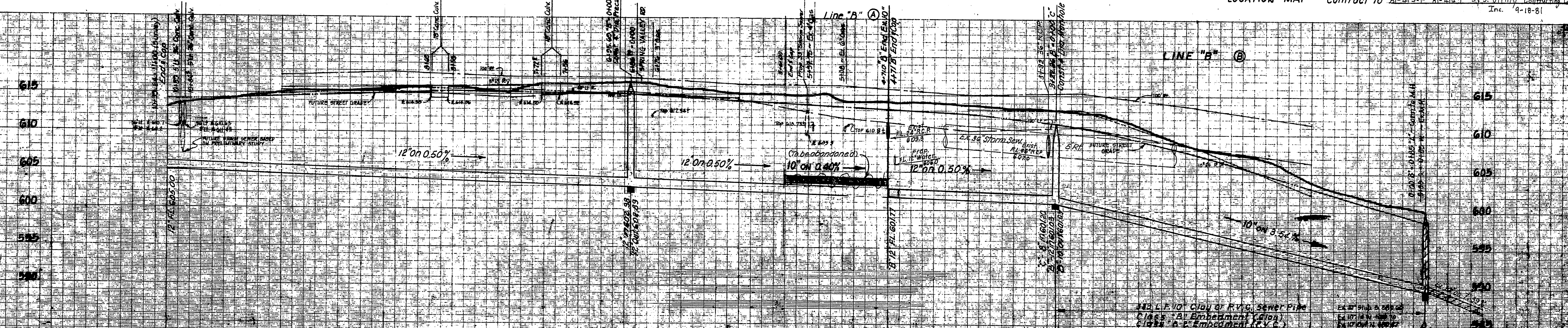
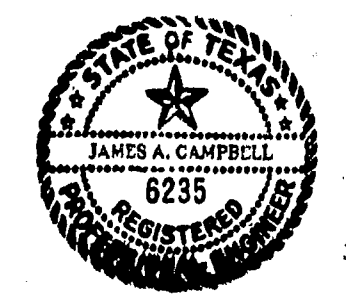


Sta. 0+00 to Sta. 4+71
Subdivision MONTFORT CORNERS LINE "B" (B)

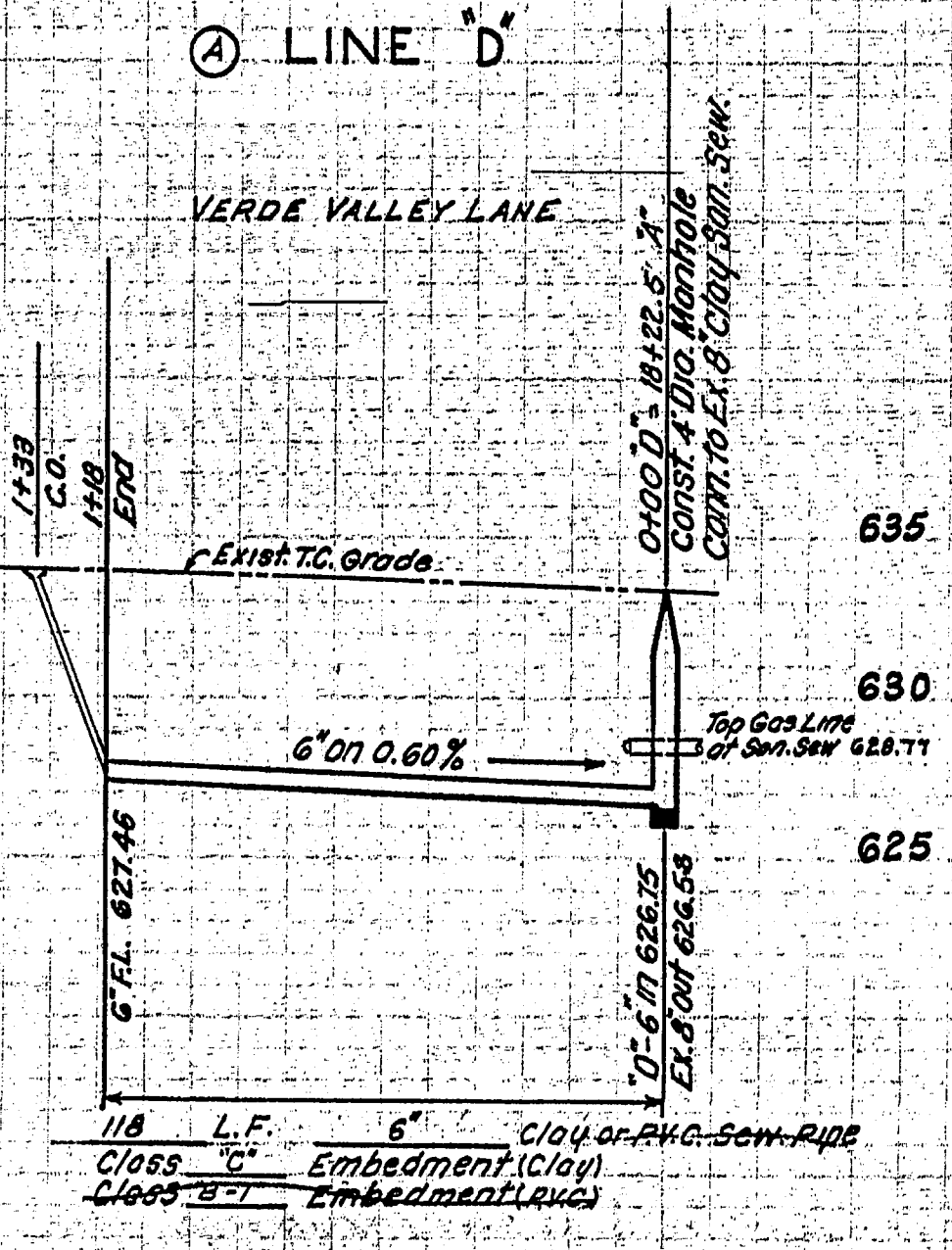
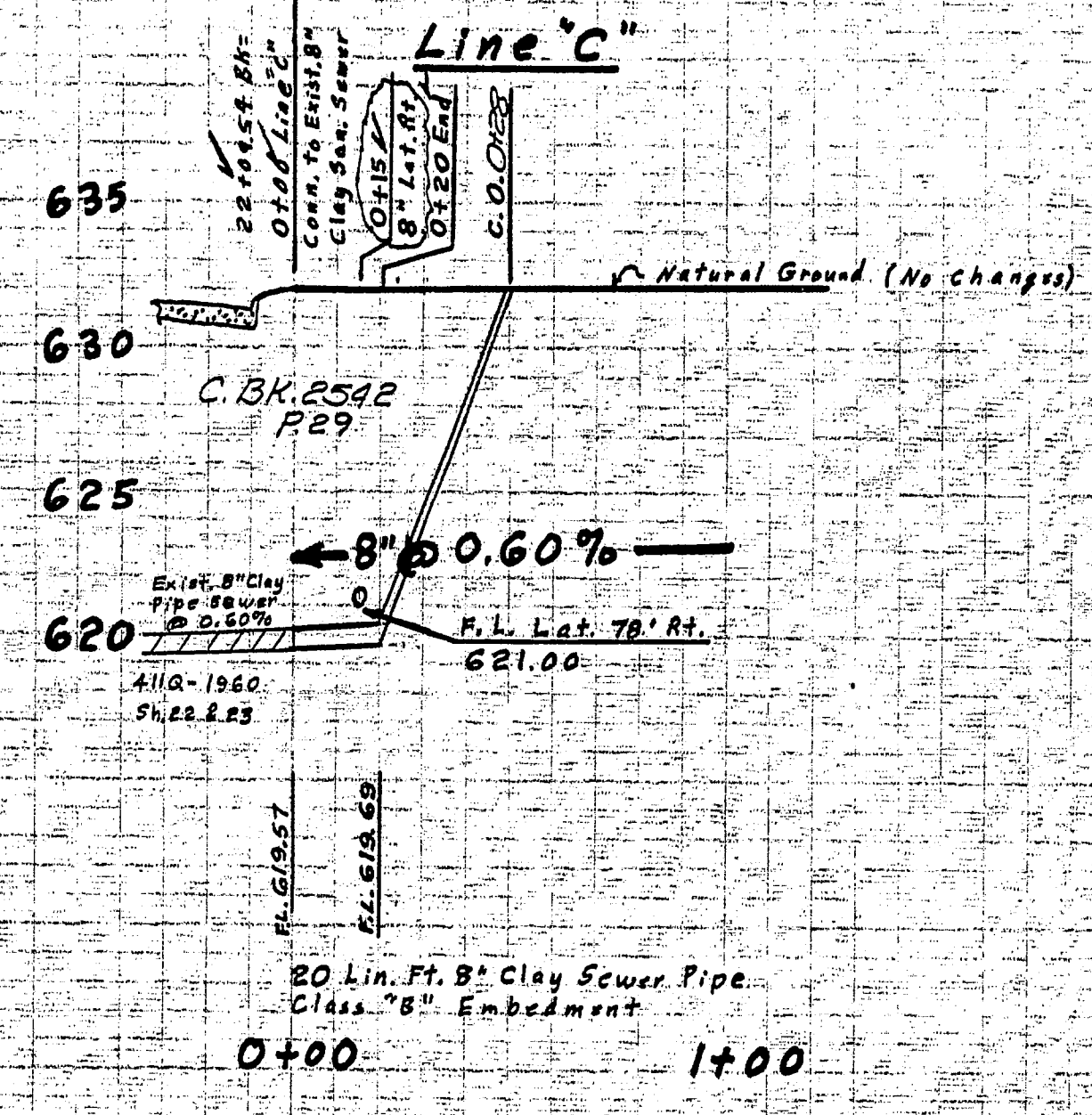
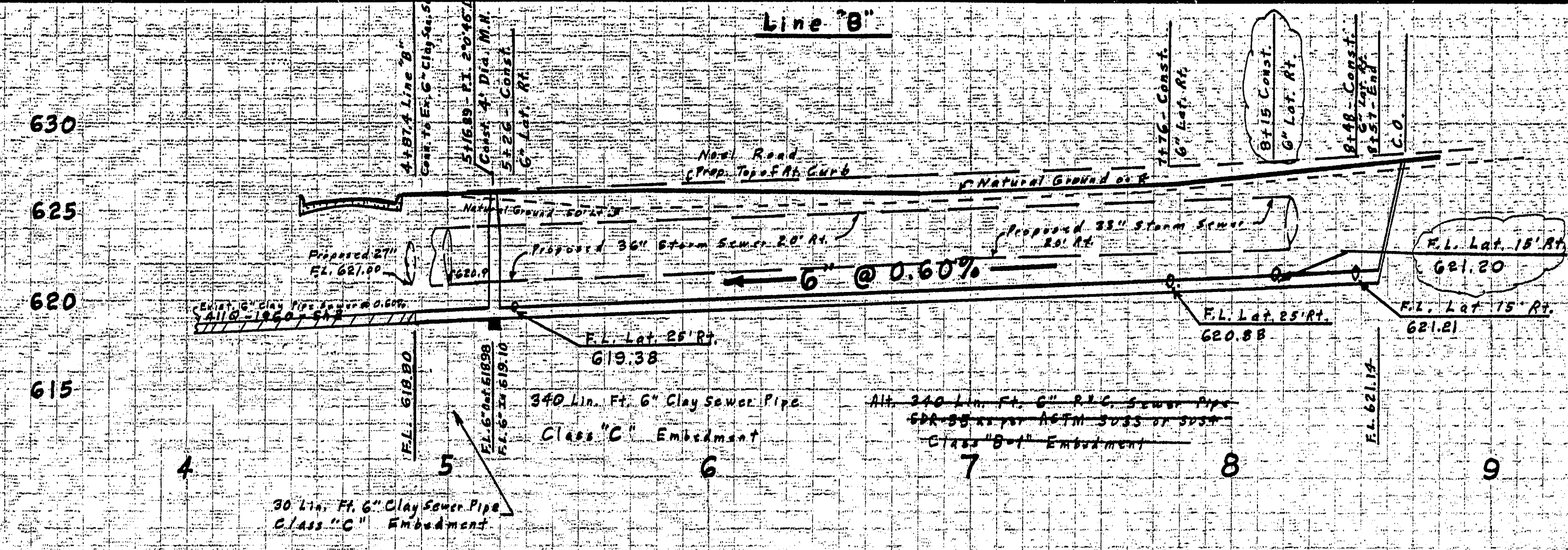
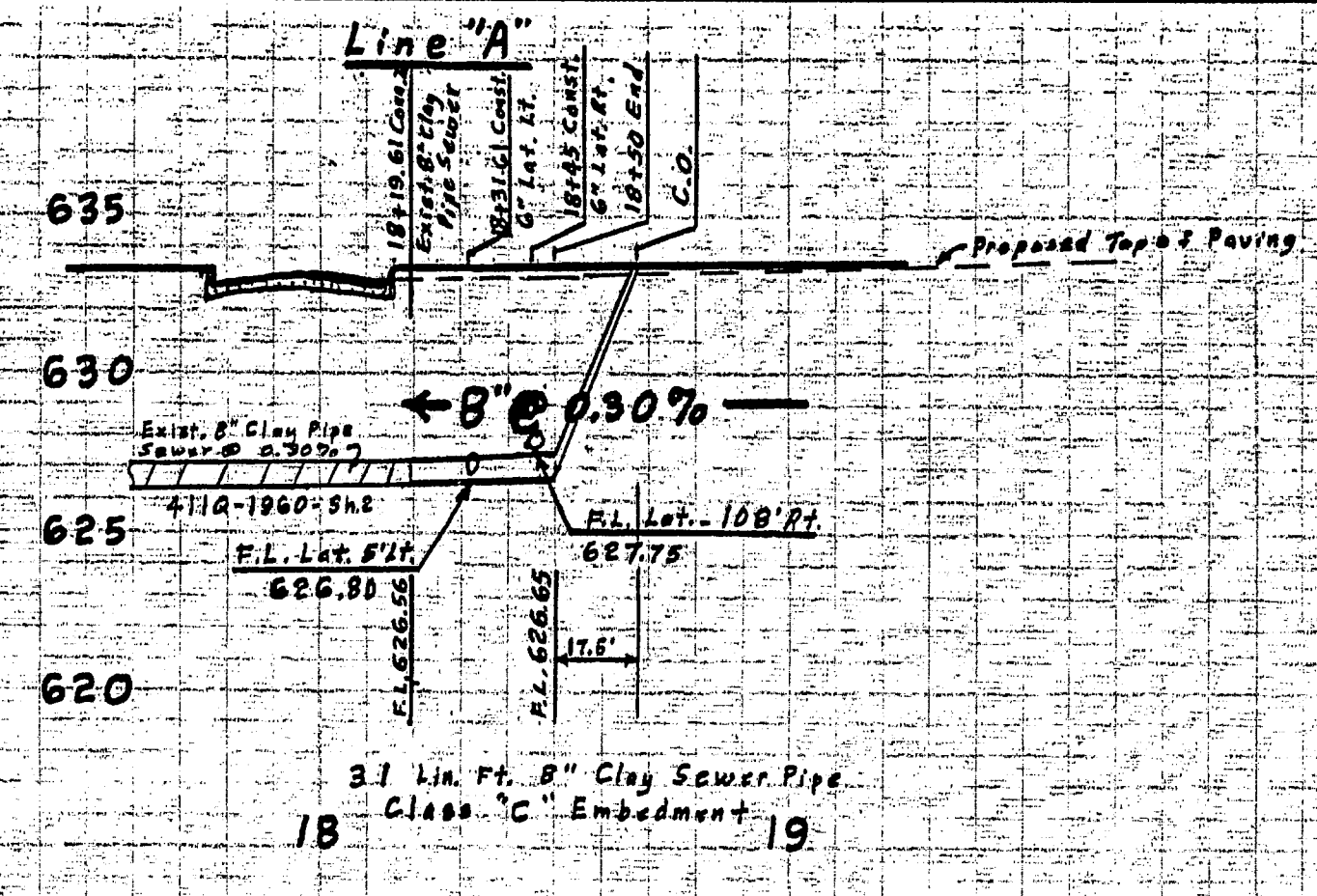
Designed by James A. Campbell Date 8-12-81
James A. Campbell P.E.

R-O-W Approved J. Teel Date 9-22-81
Robert F. Thrash Date 9-23-81
Engineer of Design - Water Utilities Dept.

Contract to RI-415-P RI-416-P s.f.s. Utility Contracting Co.
Inc. 9-18-81



SANITARY SEWER					
MONTFORT DRIVE					
WATER UTILITIES DEPARTMENT					
CITY OF DALLAS, TEXAS					
DESIGNED BY	DATE	SCALE	NO. OF SHEETS	FILE NO.	
JAMES A. CAMPBELL	AUG. 1976	1" = 10'	17	411Q 1960	
Revised Aug. 17, 1981					

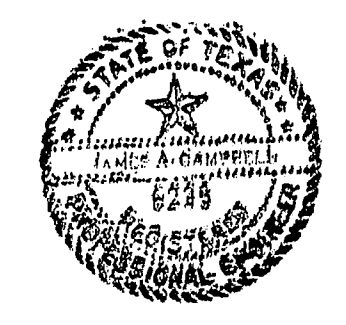


Ⓐ Bench Mark:
Top of Fire Hydrant East Line
Dallas Parkway 315 Ft. South
of South Line of Verde Valley
Lane. Elev. 635.88

BENCHMARK:
3/4" I.P. in 8" Hackberry W. Side
Montfort Drive - 140' S. of Celestial
Road. Elev. 626.96

BENCHMARK:
Top of Fire Hydrant Operating Nut
Northeast Cor. Celestial Rd. & Dallas
Pkwy. Elev. 633.73

43

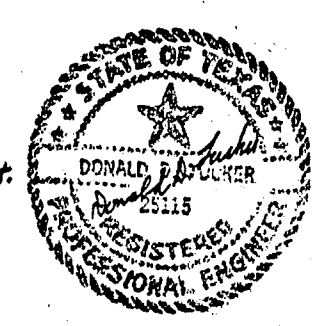


Subdivision - LHRHW Addition Ⓐ
Designed by - James A. Campbell Date: 7-10-80
J.A.C. / P.E.
Checked by - V. Olmstead Date: 7-17-80
Engineer of Design - Water Utilities Dept.
Contract No. - 80-3977(80-395) - WHICH DMS100078: 5-25-80

PLAN REVISIONS - JUNE 26, 1979
1. Lateral "p" Line C changed from 6" to 8"
2. Lateral "q" - 6" lateral added to Line B at sta. B15

Revised by:
Donald D. Tucker 6-26-1979
Chick Little 6-27-79
Approved by: Dallas Water Utilities Dept.

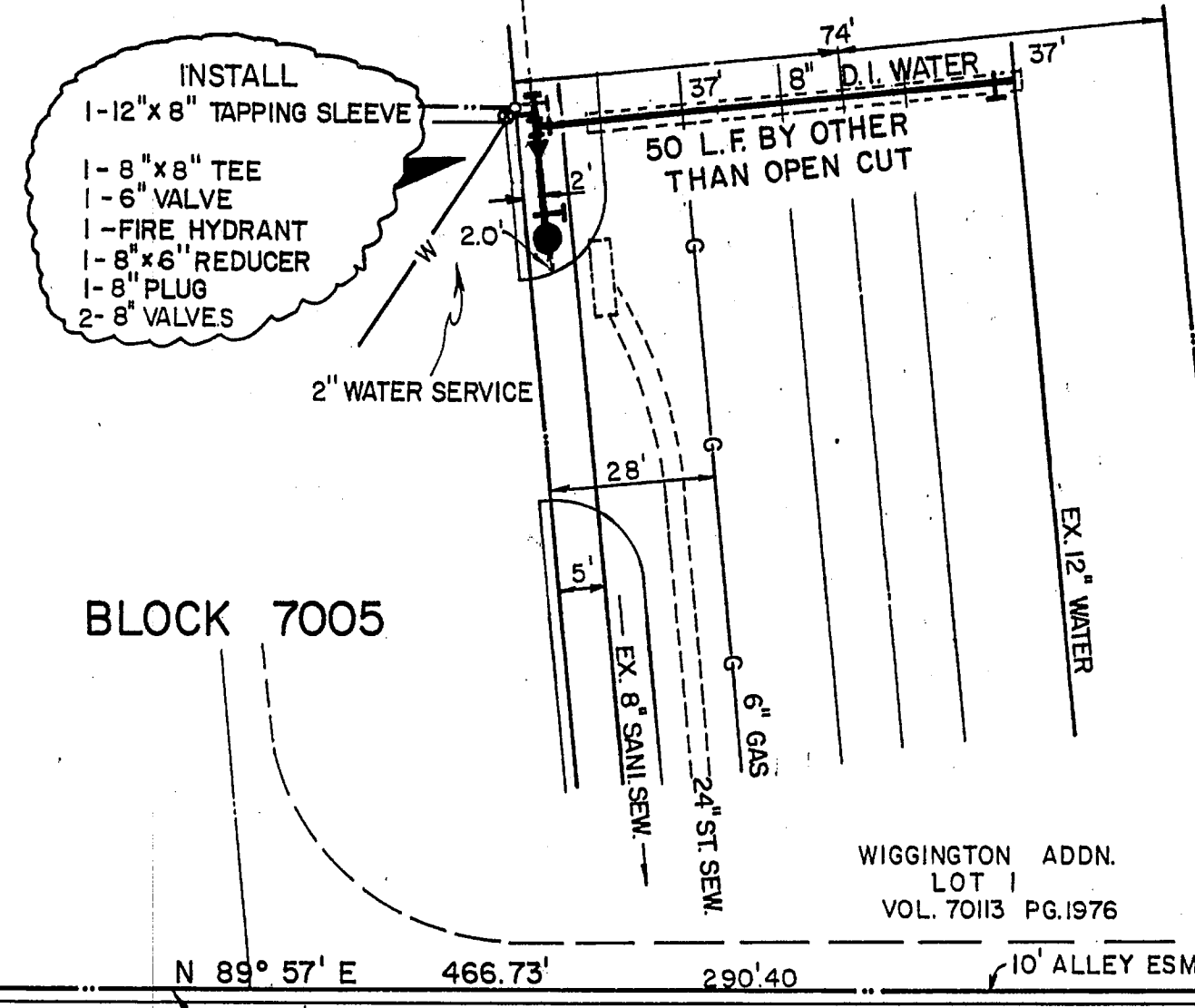
Subdivision - LHRHW Addition
Designed by: Small B. Tucker
DONALD D. TUCKER - ENGINEER
R.O.W. -
Chris C. Maxwell, P.E. 6-5-79
Engineer of Design - Dallas Water Utilities Dept.
79-26779-268 WELCON CONST. CO. 5-2-79
CONTRACT NO.



WATER & SEWER						
LHRHW ADDITION						
DONALD D. TUCKER - ENGINEER						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
D. D. T.	D. D. T.	July 1978 Revised June 1979	1" = 40' H 1" = 6' V			411Q1960
Revised 8-1-79						

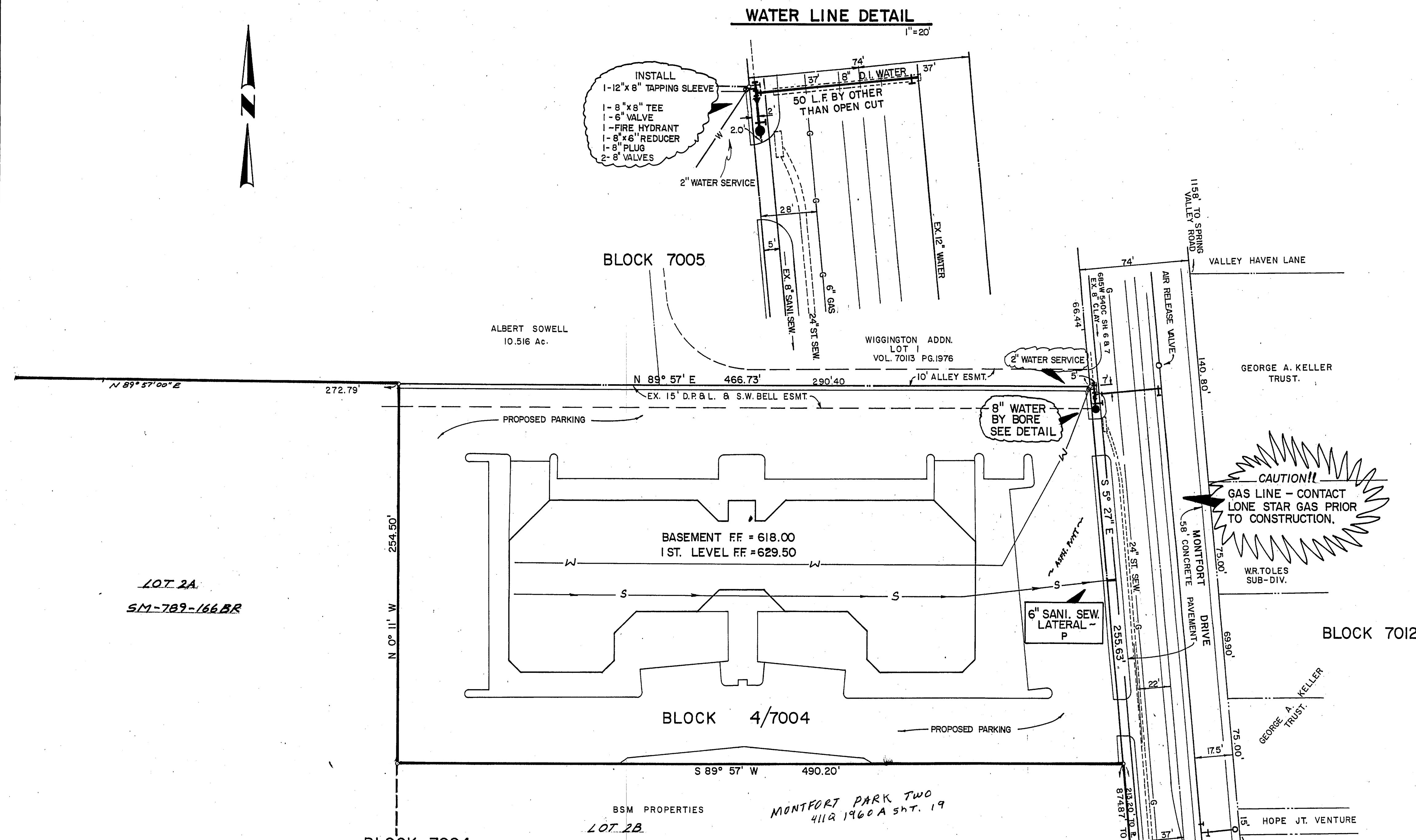


WATER LINE DETAIL
1" = 20'



NOTES

1. ALL WATER MAINS SHALL BE DUCTILE IRON CLASS 51 WATER PIPE WITH POLYETHYLENE WRAP ON PIPE, FITTINGS & FIRE HYDRANT BASES.
2. ALTERNATE - ALL 6" & 8" WATER MAINS SHALL BE R.V.C. CLASS 200 WATER PIPE EXCEPT IN FILL AREAS & MAJOR & SECONDARY THROGGHPIRES AS FOLLOWS: MONTFORT DRIVE FOR R.V.C. SERVICE TAPS & CARGEN, TAPPING SADDLE SHALL BE USED.
3. ALL WATER MAINS SHALL HAVE A MINIMUM COVER BELOW FINISHED GRADE AS FOLLOWS: 6" & 8" - 48", 12" - 60", OR AS REQUIRED TO CLEAR OTHER UTILITIES.
4. ALL SANITARY SEWER LATERALS SHALL BE LOCATED AS SHOWN, SIZED & REFERENCED AS FOLLOWS: P = 6"
5. EXTEND WATER SERVICES AS SHOWN ON PLANS.
6. SANITARY SEWER LATERALS TO EXISTING MAIN SHALL BE BY CONTRACTOR.
7. ALL WATER SERVICES SHALL BE LOCATED AS SHOWN.



LOT 2A
SM-789-166BR

BLOCK 7004

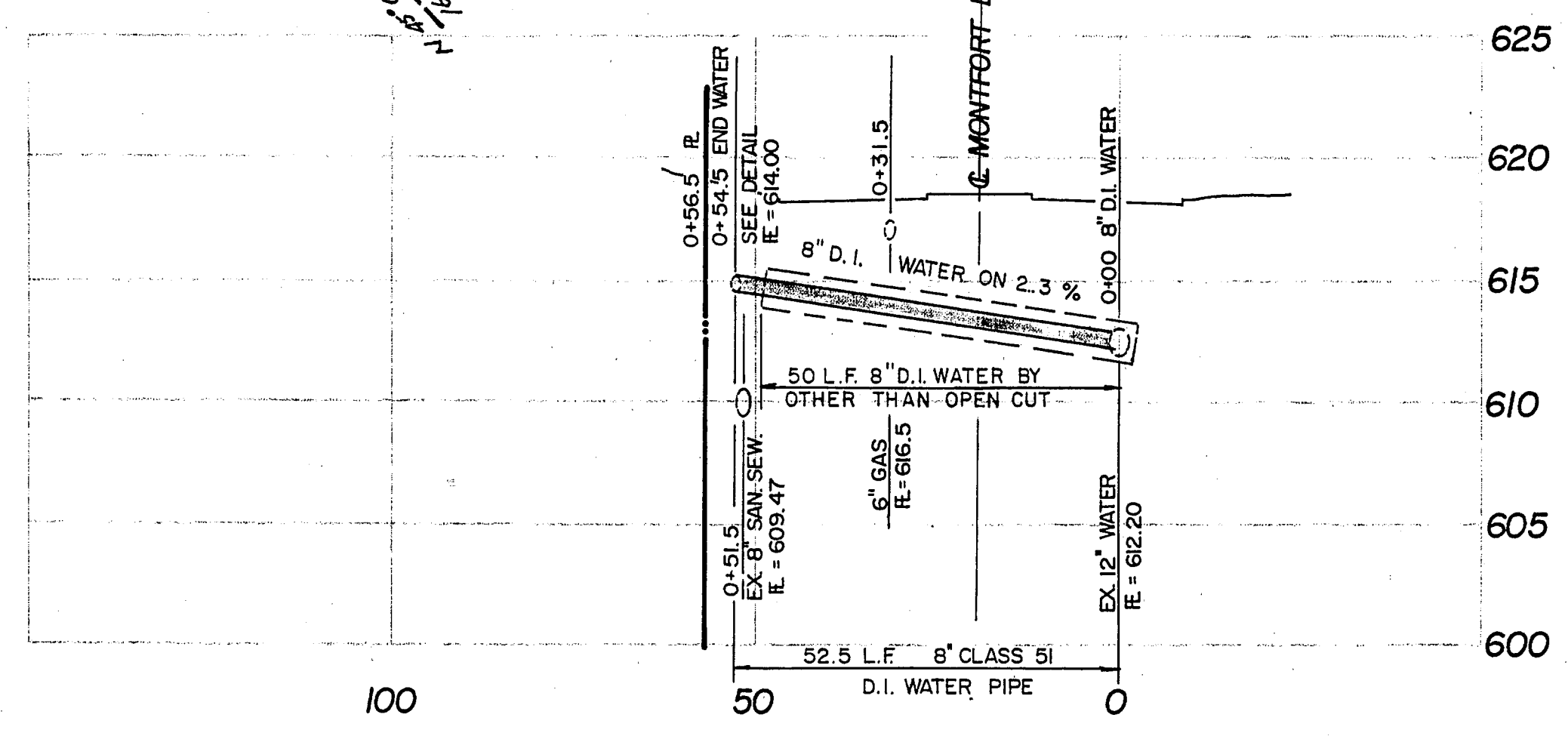
BSM PROPERTIES
LOT 2B
SM-789-166BR
B.M.: STANDARD W.D.B.M. ON N.E. CORNER OF OVERPASS AT MONTFORT DR. AND L.B.J. FWY. ELEV. 627.94

B.M.: "D" IN CENTER OF RADIUS N.W. CORNER OF ALPHA RD. AND MONTFORT DR. ELEV. 621.80

MONTFORT PARK TWO
4112 1960A SH. T. 19



DESIGNED BY *Jack R. Davis* DATE 6-26-79
BROCKETTE, DAVIS, DRAKE INC.
R.O.W. APPROVED BY *J.L. Teal* DATE 7-24-79
ENGINEER OF DESIGN *CAUSEY* WATER-UTILITIES DEPT. DATE 7-24-79
CONTRACT NO. 79-629PT 79-430P-Associated Energy Services Inc.-July 19, 1979



WATER LINE PROFILE
HORIZ. = 1" = 20' VERT. = 1" = 6'

WATER & SEWER PLAN						
MONTFORT PARK ONE						
CITY BLOCK 7004						
DALLAS WATER UTILITIES DEPARTMENT						
CITY OF DALLAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
B.D.D.	B.N.	6-14-79	1" = 40'		411Q	1960

GENERAL NOTES

1. All water mains shall be ductile iron class 51 water pipe with polyethylene wrap on Pipe, Fittings and Fire Hydrant Bases.
2. Alternate All 6" and 8" water mains shall be PVC CLASS 200 water pipe except in Fill Areas and Major and Secondary Thoroughfares as follows:
For PVC Service taps 12" and larger, Tapping Saddle shall be used.
3. All water mains shall have a minimum cover below finished grades as follows: 6" - 8", 12" - 60", or as required to clear other utilities.
4. Water and sanitary sewer easements shall also include additional area of working space for construction and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water services from the main to and including the meter boxes, sewer laterals from the main to the curb or pavement line, and the descriptions of such additional easements herein granted shall be determined by their locations as installed.
5. All water services shall be copper and located as shown. Sized and referenced as follows: A 2" Service to City Hall from meter.
6. All sanitary sewer laterals shall be located as shown. Sized and referenced as follows: "P-6"

NOTES:

Contractor to contact all utility companies to verify and locate any and all utilities prior to beginning of construction.

No trees to be cut except as directed by owner.

Contractor to verify location of proposed transformer pads prior to start of construction. No water and sanitary sewer mains, storm drainage mains or laterals, water services or sanitary sewer laterals to be constructed under transformer pad locations.

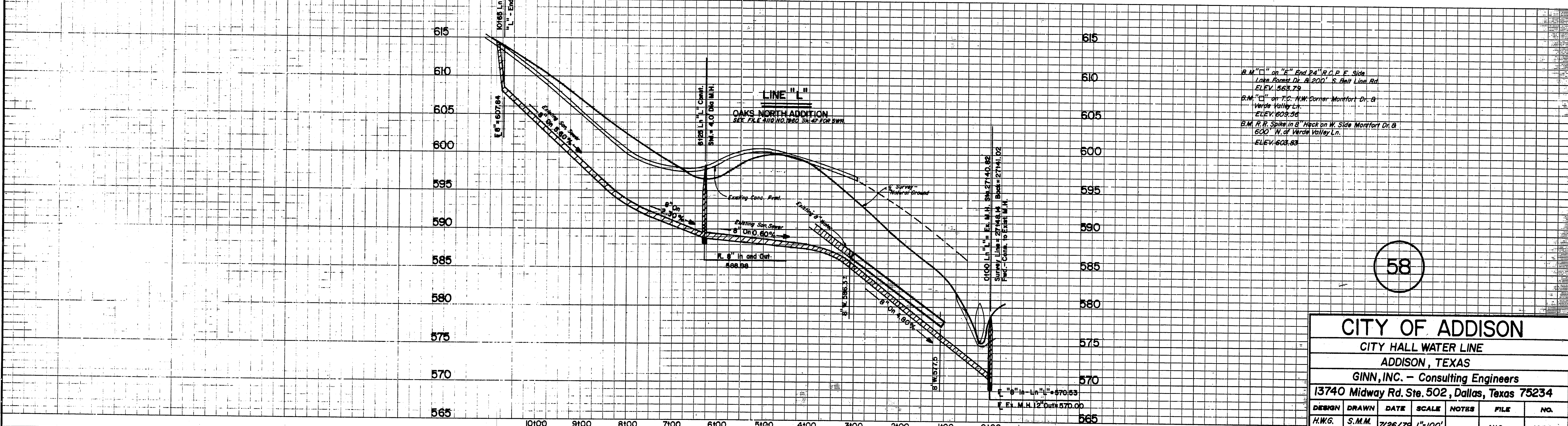
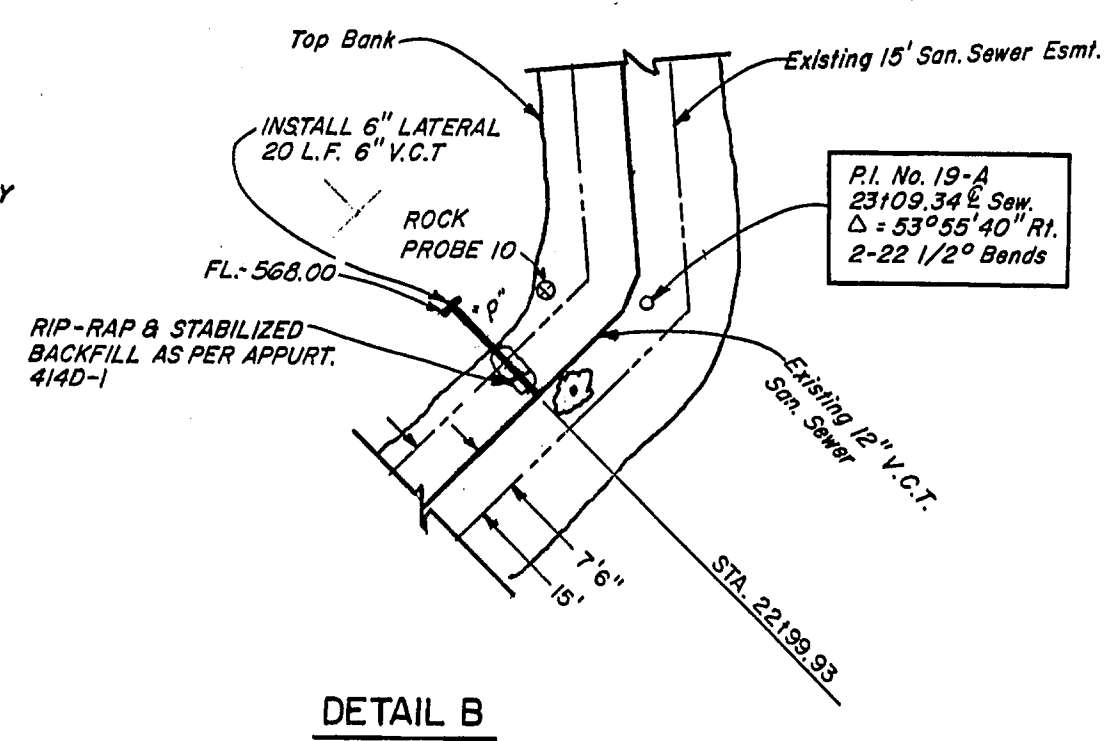
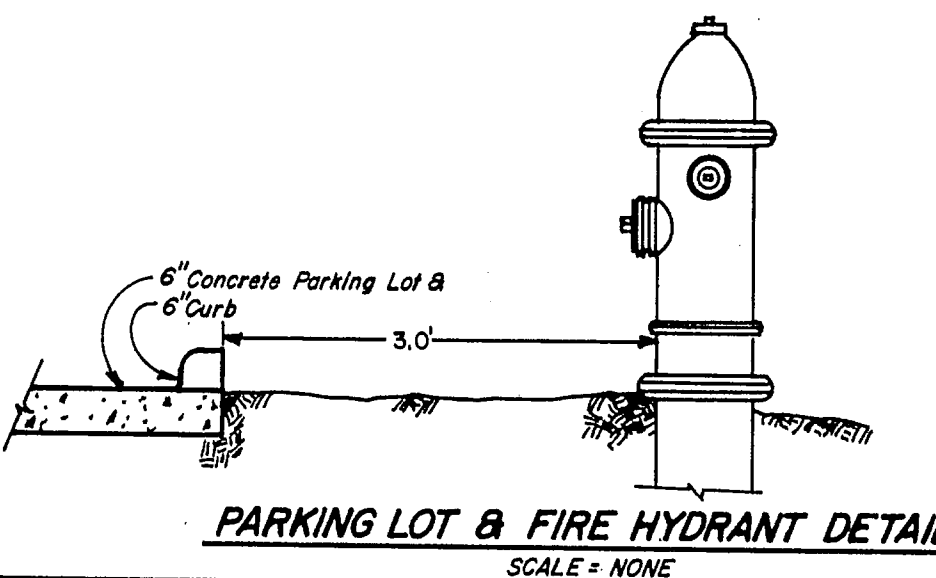
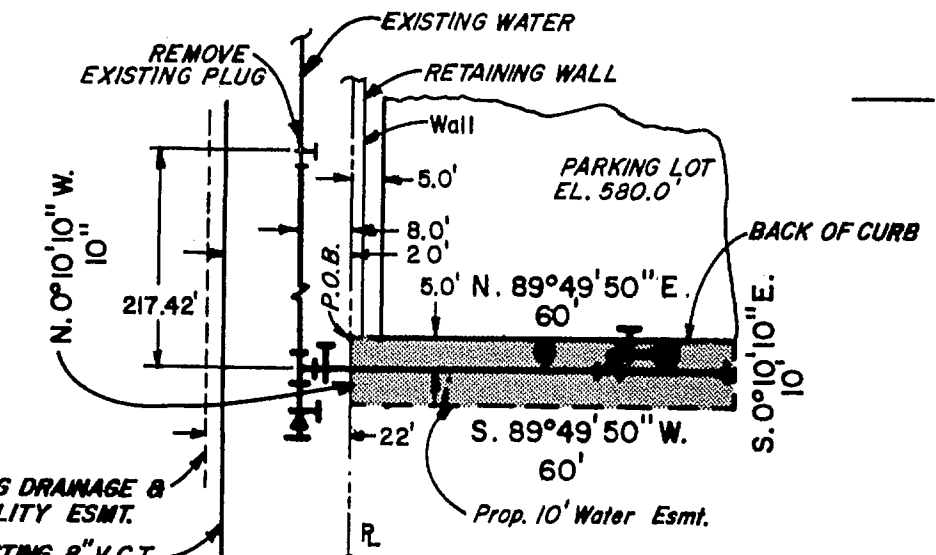
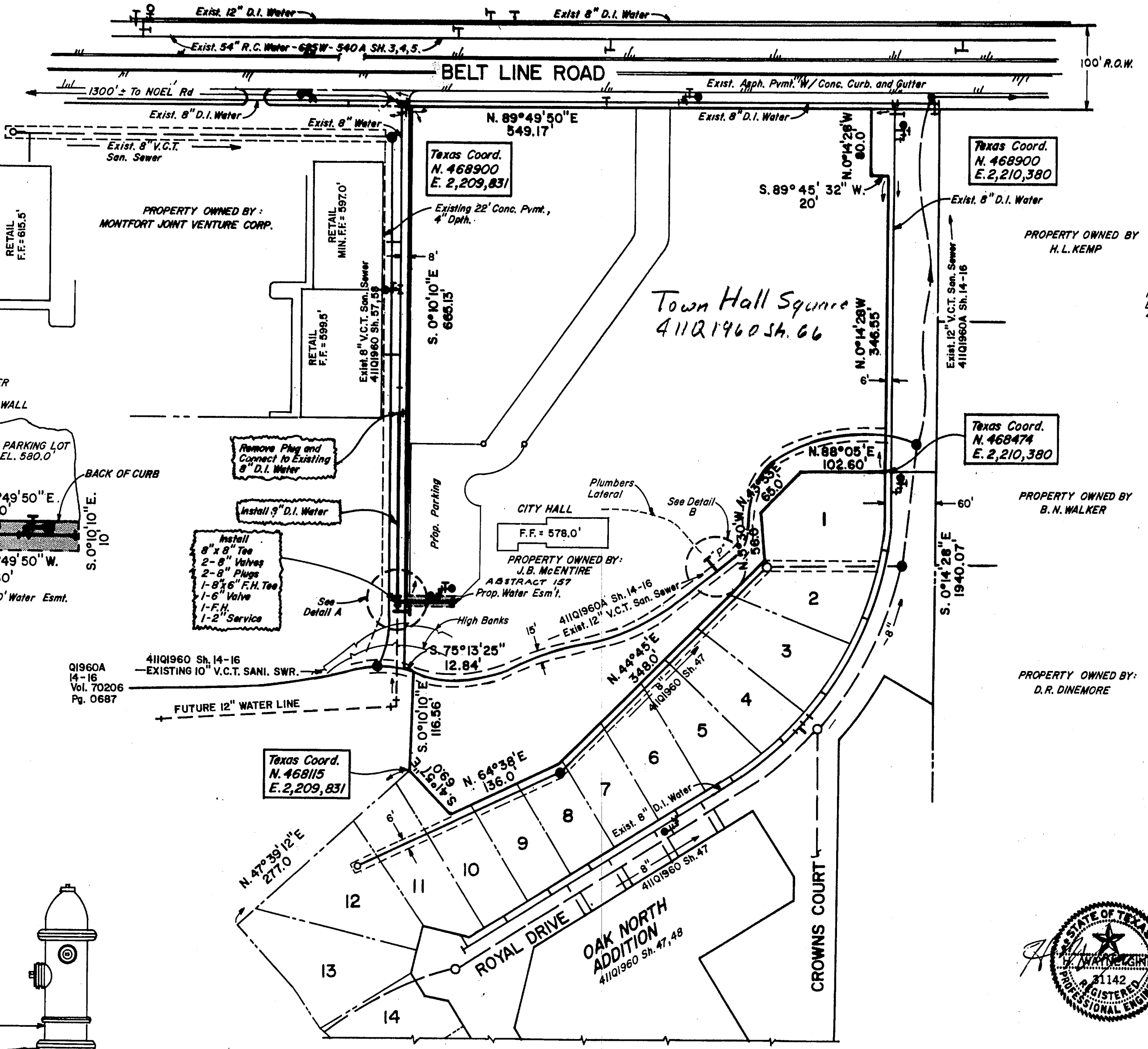
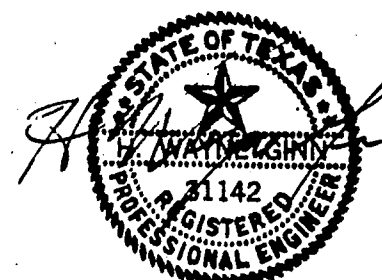
SANITARY SEWER
Back-Flow Release 9-17-79
Stonegate Co. Ltd. of City of Addison
For Municipal Building: Being the
Addison City Hall in the City of Addison,
TEXAS (Being in the Allen Bledsoe Survey
ABSTRACT No. 157. As SHOWN.
C.O. 793061
Vol. 79206 Pg. 1132 10-22-79

CITY HALL WATER LINE

Designed By: H. Wayne Smith Date: 7/26/79
GINN INC. - Consulting Engineers

R.O.W. Approved: John L. Smith Date: 7-18-79
Ch. Westlund Date: 7-18-79
Engineer of Design

Contract No. 79-515-P & 79-516-P - Ben Sign Co. - 9-6-79



B.M. "C" on "E" End 24" R.C.P.F. Side
Lake Forest Dr. A.200' S. Bell Line Rd.
ELEV. 563.79

B.M. "E" on T.C. N.W. Corner Montfort Dr. - B
Verde Valley Ln.
ELEV. 609.36

B.M. R.R. Spike in "B" Back on W. Side Montfort Dr. B
600' N. of Verde Valley Ln.
ELEV. 603.83

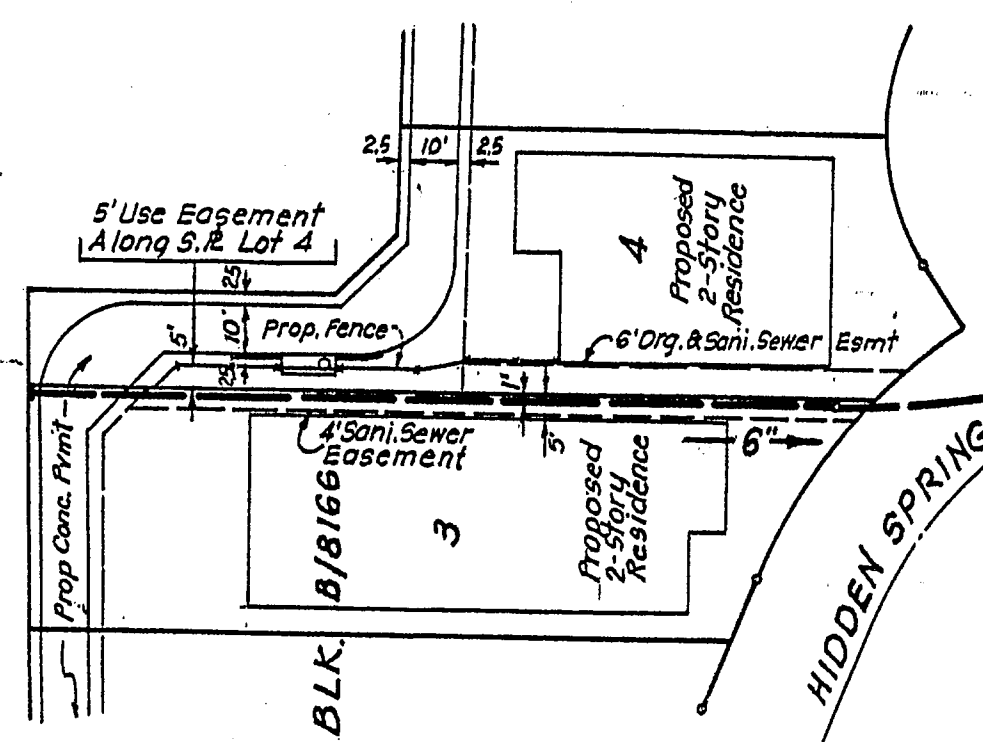
58

CITY OF ADDISON
CITY HALL WATER LINE
ADDISON, TEXAS
GINN, INC. - Consulting Engineers
13740 Midway Rd. Ste. 502, Dallas, Texas 75234

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
H.W.G.	S.M.M.	7/26/79	1"=100'		411Q	1960

GENERAL NOTES

- All water mains shall be ductile iron, Class 51, Water Pipe with Polyethylene wrap on pipe, fittings & fire hydrant bases.
- All water mains shall be 6" and 8" water mains shall be DUC Glass-see water pipe section for details and secondary fire hydrant details as follows: 6" and 8" - 48", 12" - 60" or as required to clear other utilities.
- All water mains shall have a minimum cover below finished grades as follows: 6" and 8" - 48", 12" - 60" or as required to clear other utilities.
- All water services shall be 1" copper and located as shown.
- All sanitary sewer laterals shall be 6" and located as shown.
- Sidewalks shall be 5' wide, located 0' off curb line.



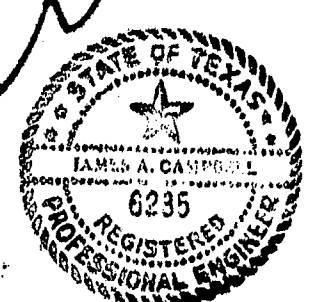
Location of Water and Sewer Services in motor court

Curve No	Location	Central Angle	R	L	T	Sanitary Sewer
A	Line A	7°49'18"	200	27.30	18.67	
B	Line C	20°17'30"	275	97.39	49.21	
C	"	34°20'20"	211.71	126.86	65.40	
C1	"	20°40'20"	211.71	76.38	38.61	
D	"	41°54'38"	150	109.72	57.44	
E	"	16°28'12"	175	50.19	26.27	
F	Line G	36°08'	150	94.60	48.98	
G	"	12°44'30"	275	61.16	30.70	
H	"	14°45'40"	300	77.29	38.86	
I	"	10°58'10"	325	62.22	31.21	
J	Line D	20°12'	200	70.51	35.69	
K	Line I	11°28'	250	50.03	25.10	
L	Line J	25°18'	225	98.06	50.29	
M	"	5°06'30"	425	378.9	189.6	
N	"	16°26'04"	275	78.88	39.71	

Curve No.	Description	Central Angle	Outer Curve R	Inner Curve L	T	R	L	T
1	Preston Oaks Road	20°33'	472	169.29	95.56	408	146.34	79.96
2	"	20°33'	472	169.29	95.56	408	146.34	79.96
3	Hidden Springs Ct.	23°48'20"	200	95.49	48.67	150	62.36	31.62
3A	"	27°21'20"	200	95.49	48.67	150	62.36	31.62
4	"	71°00'20"	115	142.52	82.04	65	80.55	44.37
4A	"	34°02'40"	115	68.33	35.21	65	80.55	44.37
5	"	21°57'40"	30	183.33	30	183.33	30	183.33
6	"	55°42'	30	183.33	30	183.33	30	183.33
7	"	146°48'50"	50	128.12	128.12	50	128.12	128.12
8	"	34°20'20"	211.71	126.86	65.40	211.71	126.86	65.40
9	"	34°20'20"	211.71	126.86	65.40	211.71	126.86	65.40
10	"	36°12'30"	30	183.33	30	183.33	30	183.33
11	"	168°39'20"	30	147.18	147.18	30	147.18	147.18
12	"	10°58'10"	350	67.01	33.50	300	57.44	28.81
13	"	10°45'40"	50	91.42	64.88	50	91.42	64.88
14	"	10°45'40"	50	91.42	64.88	50	91.42	64.88
15	"	12°44'30"	300	61.72	30.86	250	50.03	25.10
16	"	31°40'	250	102.08	51.04	200	88.84	44.42
16A	"	53°29'40"	300	175.38	90.27	250	142.64	71.32
17	"	29°47'40"	50	261.62	50	261.62	50	261.62
18	"	105°40'	15	27.66	13.83	15	27.66	13.83
19	Cedar Canyon Road	25°21'45"	252	111.55	55.77	252	111.55	55.77
19A	"	25°18'30"	258	131.69	65.84	258	131.69	65.84
20	"	5°06'30"	448	39.34	19.67	402	35.84	17.92
21	"	25°12'	248	109.08	54.54	202	88.84	44.42
22	"	180°00'	50	157.08	157.08	50	157.08	157.08
23	"	93°11'50"	127	206.58	134.29	127	206.58	134.29
24	Cedar Canyon Road	93°11'50"	127	206.58	134.29	127	206.58	134.29
25	Cedar Canyon Road	93°11'50"	127	206.58	134.29	127	206.58	134.29
26	Preston Oaks Road	50°39'42"	472	171.45	85.72	408	146.34	79.96

CAUTION!
UNDERGROUND D. P. & L. CABLE IN THIS AREA. CONTACT D. P. & L. 2 WORKING DAYS PRIOR TO CONSTRUCTION.
JOHN CLIMER
747-401 EXT. 138

Vacation Of Plat ~ Aug. 5, 1982
Plat vacated with street R.O.W.s and easements remaining



COMMUNITY UNIT DEVELOPMENT
PRESTON OAKS ON THE CREEK
THOMAS GARVIN SURVEY ABSTRACT NO. 524
CITY BLOCKS 8166 & 8167 DALLAS, TEXAS
PA-KEY DEVELOPMENT CORP. (6301 ELDER GROVE DALLAS, TEXAS 75232) OWNER
CAMPBELL ENGINEERING, INC.
112 S. Madison Avenue Dallas, Texas 75208
SCALE: 1" = 100' JANUARY, 1980
CITY PLAN NO. 789-163R

Subdivision: Replat of Preston Oaks on the Creek
Designed By James A. Campbell P.E. Date 6-9-80
James A. Campbell Date 6-9-80
Engineer of Design ~ Water Utilities Dept.
Designed By James A. Campbell P.E. Date 1-28-80
James A. Campbell Date 1-28-80
R-O-W Approved James A. Campbell P.E. Date 2-18-80
James A. Campbell Date 2-18-80
Engineer of Design ~ Water Utilities Dept.
Contract No. 80-19-P-80-20-P-CUMUL-1/9/80

PRESTON OAKS ON THE CREEK					
WATER & SEWER PLAN					
WATER UTILITIES DEPT.					
CITY OF DALLAS, TEXAS					
DESIGN DRAWN	DATE	SCALE	NOTES	FILE	NO.
CAMPBELL Engineering, Inc.	DEC. 1979	1" = 100'	C.E. INC.	411Q	1960

Rev. 5-19-80. Replotted Lots 18 thru 22 Block E/8166

CURVE CHART				
#	INNER	OUTER	INNER	OUTER
1	24° 44' 27"	26° 40' 53"	10° 28' 10"	10° 28' 10"
2	182.00'	188.00'	312.00'	312.00'
3	35.24'	37.55'	59.23'	64.71'
4	71° 00' 20"	71° 00' 20"	86° 12' 30"	86° 12' 30"
5	77.00'	103.50'	22.00'	22.00'
6	54.93'	54.93'	50.00'	50.00'
7	35.42'	37.85'	33.10'	33.10'
8	59° 36' 22"	59° 36' 22"	28° 27' 11"	28° 27' 11"
9	42.00'	44.50'	148.41'	174.41'
10	22.10'	25.85'	40.26'	44.23'
11	40.78'	43.39'	79.24'	86.87'
12	10° 07' 47"	10° 07' 47"	124° 07' 28"	124° 07' 28"
13	19.71'	22.71'	186.41'	186.41'
14	22.97'	25.97'	44.40'	44.40'
15	45.84'	48.84'	77.17'	77.17'
16	93° 32' 00"	93° 32' 00"	86° 12' 30"	86° 12' 30"
17	20.00'	20.00'	10.00'	10.00'
18	20.00'	20.00'	300.00'	300.00'
19	36.78'	36.78'	67.01'	67.01'
20	105° 21' 33"	105° 21' 33"	10° 28' 10"	10° 28' 10"
21	28.00'	28.00'	350.00'	350.00'
22	56.23'	56.23'	35.91'	35.91'
23	36.78'	36.78'	67.01'	67.01'
24	34° 36' 04"	34° 36' 04"	18° 48' 00"	18° 48' 00"
25	28.00'	28.00'	300.00'	300.00'
26	57.13'	47.42'	33.50'	33.50'
27	12.29'	12.29'	59.72'	59.72'
28	93° 25' 22"	93° 25' 22"	10° 07' 47"	10° 07' 47"
29	20.00'	20.00'	250.00'	250.00'
30	22.16'	24.62'	72.97'	72.97'
31	33.49'	35.94'	142.00'	142.00'
32	12° 44' 30"	12° 44' 30"	34° 23' 48"	34° 23' 48"
33	28.00'	28.00'	236.71'	236.71'
34	59.23'	59.23'	75.54'	75.54'
35	36.78'	36.78'	67.01'	67.01'
36	104° 42' 40"	104° 42' 40"	10° 07' 47"	10° 07' 47"
37	30.50'	35.00'	300.00'	300.00'
38	39.56'	49.31'	48.87'	48.87'
39	55.77'	69.48'	142.24'	142.24'

Numbered Calls

- N. 88° 03' 07" E. 7.05'
- N. 01° 05' 33" W. 10.00'
- S. 88° 03' 07" W. 15.21'
- N. 33° 18' 45" E. 87.79'
- N. 88° 03' 07" E. 14.84'
- N. 71° 31' 57" E. 80.00'
- S. 10° 28' 03" E. 84.24'
- N. 10° 28' 03" W. 82.81'
- Arc. Length 200.00'
- Arc. Length 80.00'
- Arc. Length 38.97'

- GENERAL NOTES**
- All Water Mains Shall Be Ductile Iron Class 51 Water Pipe With Polyethylene Tube Wrap on Pipe, Fittings, & Fire Hydrant Bases.
 - All 12" & 8" Water Mains to be P.V.C. Class 200 Water Pipe (Except in all Major, Secondary, Thoroughfare, & Fill Areas). NOTE: On P.V.C. Water Pipes, Tapping Saddles Will Be Used on 1" Services and Larger.
 - All Water Mains Shall Have a Minimum Cover Below Finished Grade as Follows: 6" & 8" Mains 48", 12" Mains 60", or as Required to Clear Other Utilities.
 - Extend Utilized Water Deadheads and Utilized Sanitary Sewer Laterals 2' Beyond Proposed Curbs;
 - Water and Sanitary Sewer Easements Shall Also Include Additional Area of Working Space for Construction and Maintenance of the Systems. Additional Easement Area is Also Conveyed for Installation and Maintenance of Manholes, Cleanouts, Fire Hydrants, Water Services From the Main to and including Water Boxes, Sewer Laterals From the Main to the Curb or Pavement Line, and the Descriptions of Such Additional Easements Herein Granted Shall be Determined by Their Locations as Installed.
 - All Laterals and Water Deadheads Not Utilized as Part of This Project Are To Be Considered As Abandoned.
 - Dashed Buildings Designate Future Phase Construction.
 - The Existing Water & Sanitary Sewer Utilities With in the Bounds of This Addition Were Constructed Under 411 Q 1960 Sht. 61, 62.

JEFFERSON OAKS APTS
411Q 1960 SHT. 110-118

JEFFERSON OAKS APTS
411Q 1960 SHT. 116-118

CAUTION!!!
UNDERGROUND UTILITIES IN THIS AREA AND AT METER VAULT LOCATIONS.
Contact Southwestern Bell Telephone Co. Two Days Prior to Construction. Dial "0" Ask for Enterprise 9800.
Contact Dallas Power & Light Co. Two Days Prior to Construction. Mr. Gary Lucas 698-7362

NOTE:
All Units To Be Sprinklered As Per Fire Department Requirement.

PRESTON ROCK
411Q 1960 SHT. 85

PRESTON
A = 20° 25' 48"
R = 408.00'
T = 73.55'
L = 145.48'

The Oaks on Monfort Condominiums
411Q 1960 Sh. 75

BENCH MARK NO. 1
"D" Cut On West End of North Headwall at Preston Oaks Road & Noel Creek.
Elev. 570.62

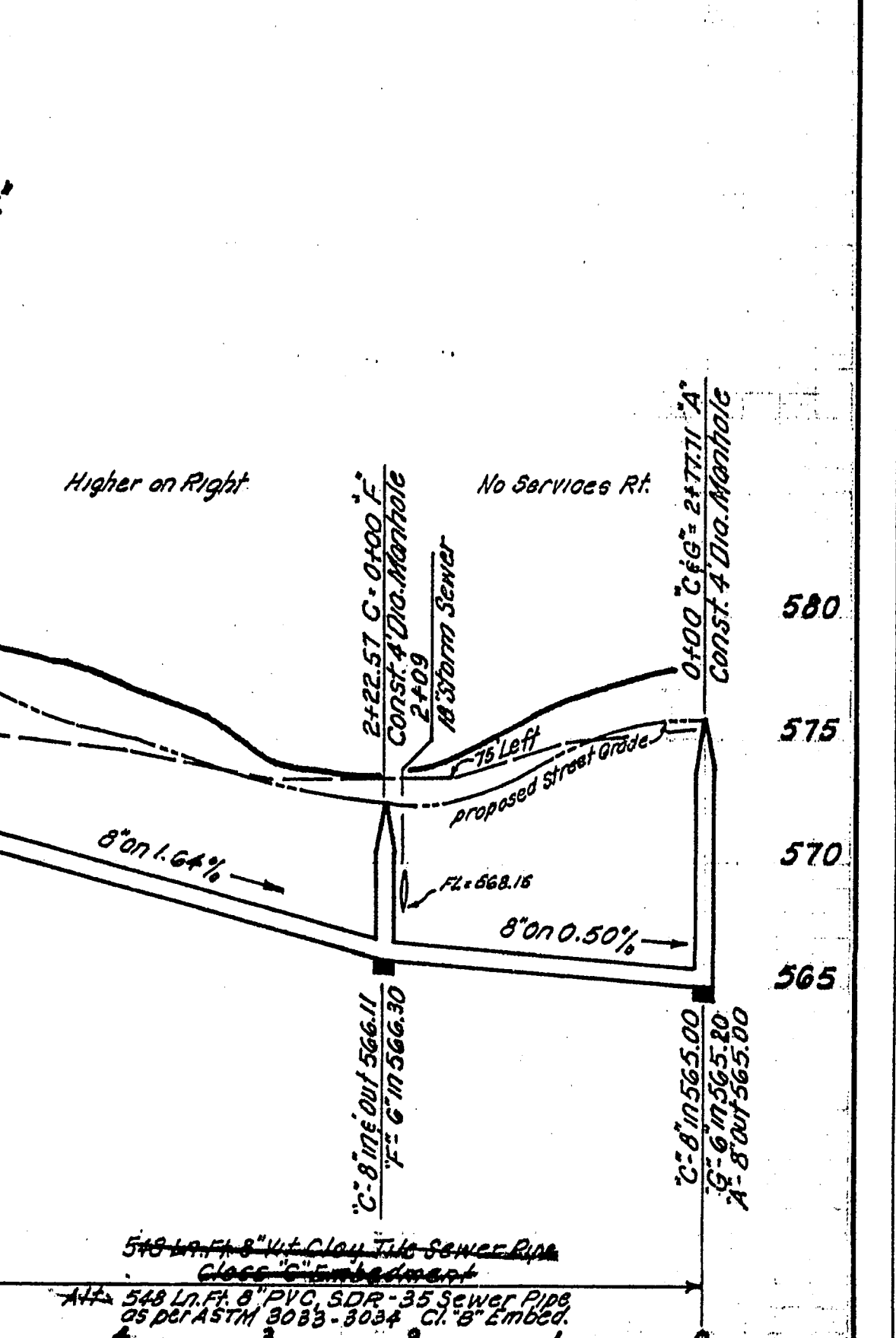
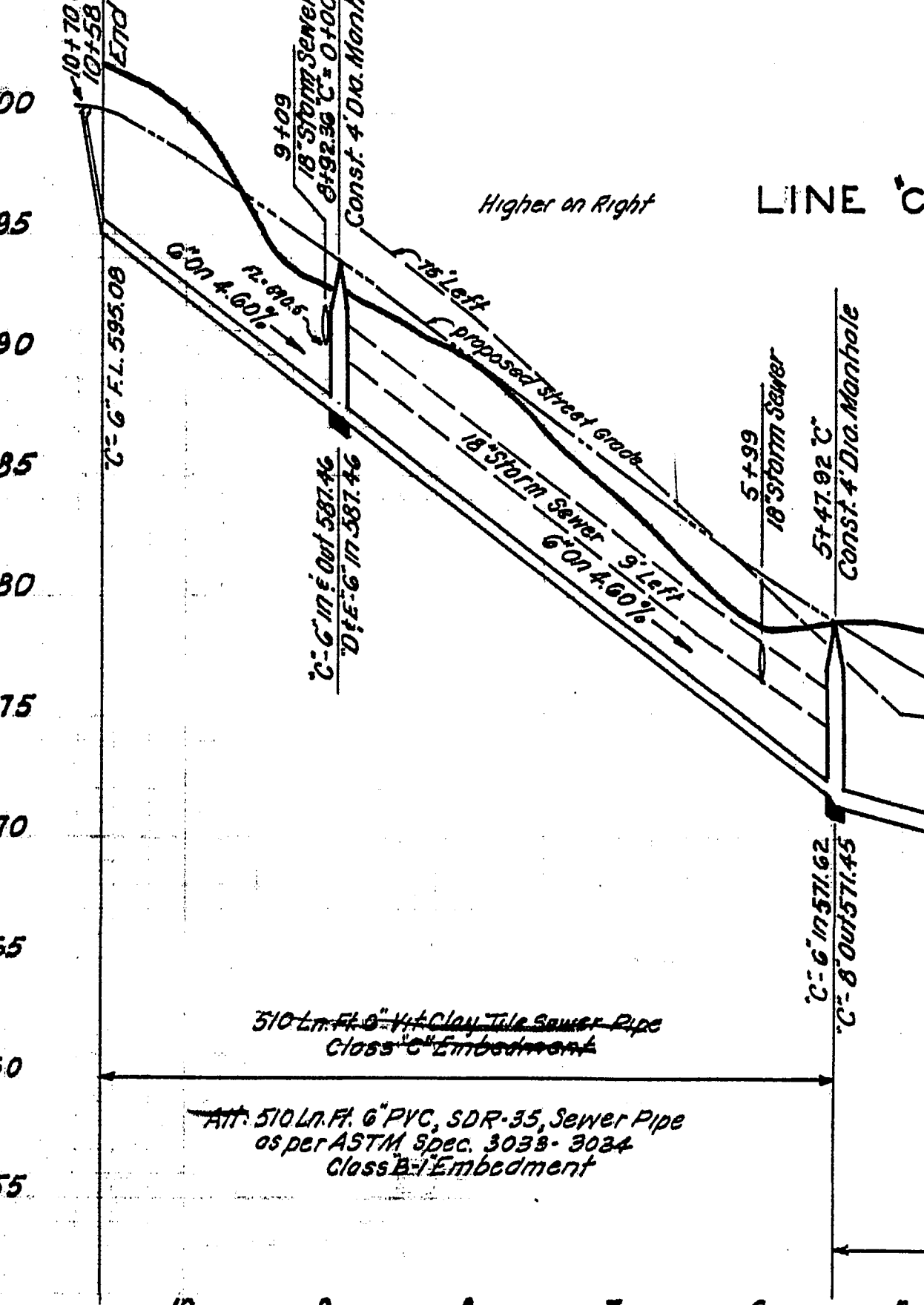
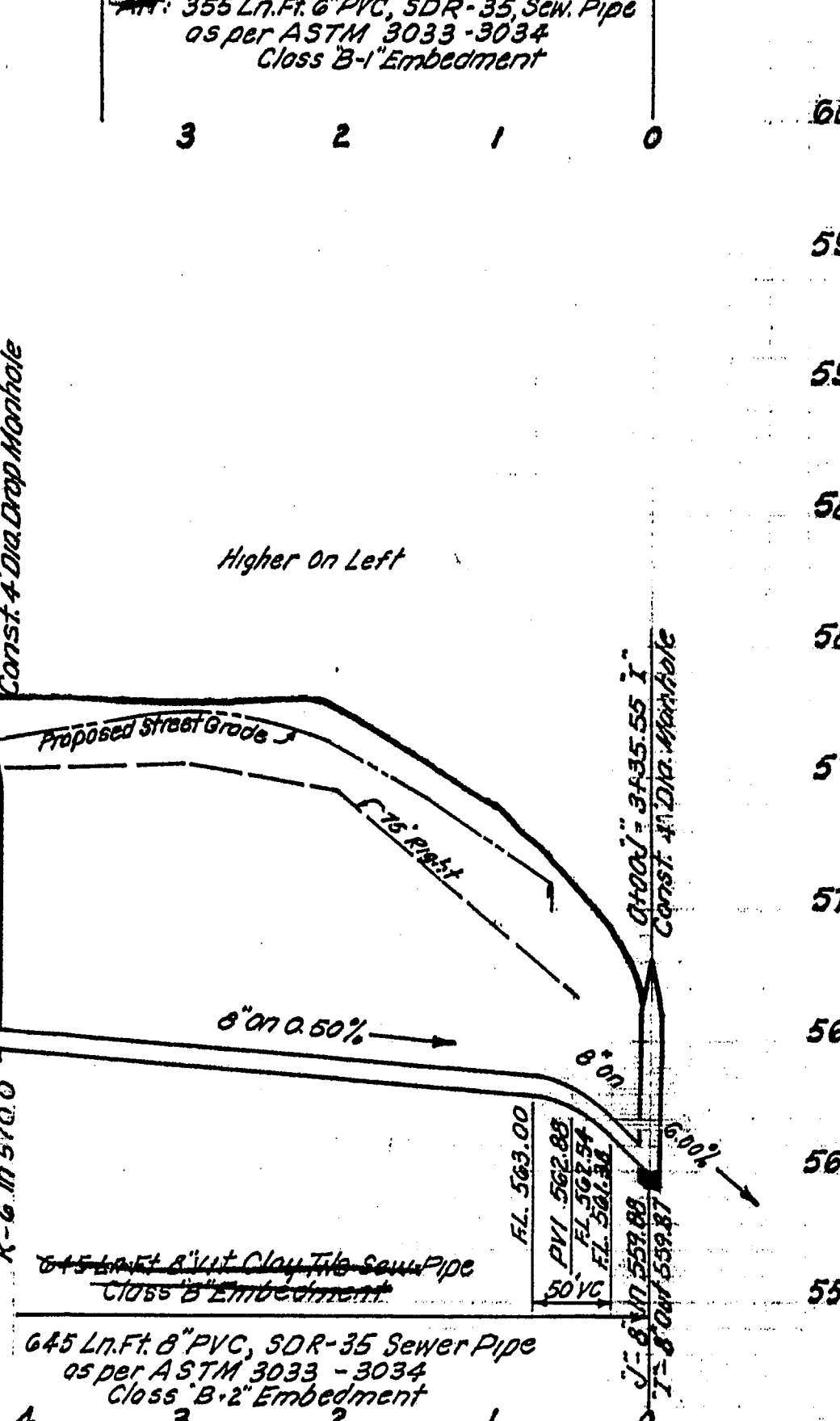
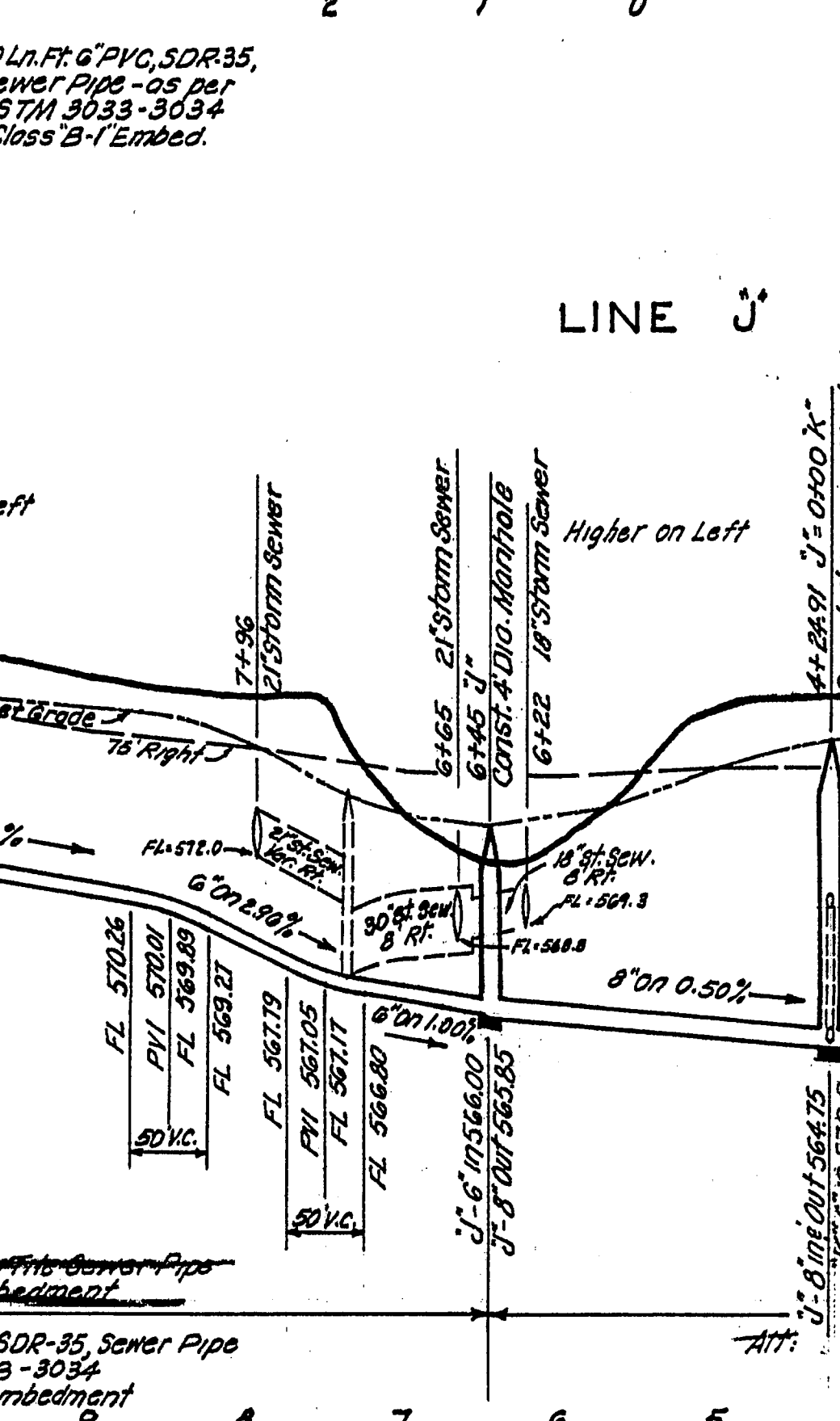
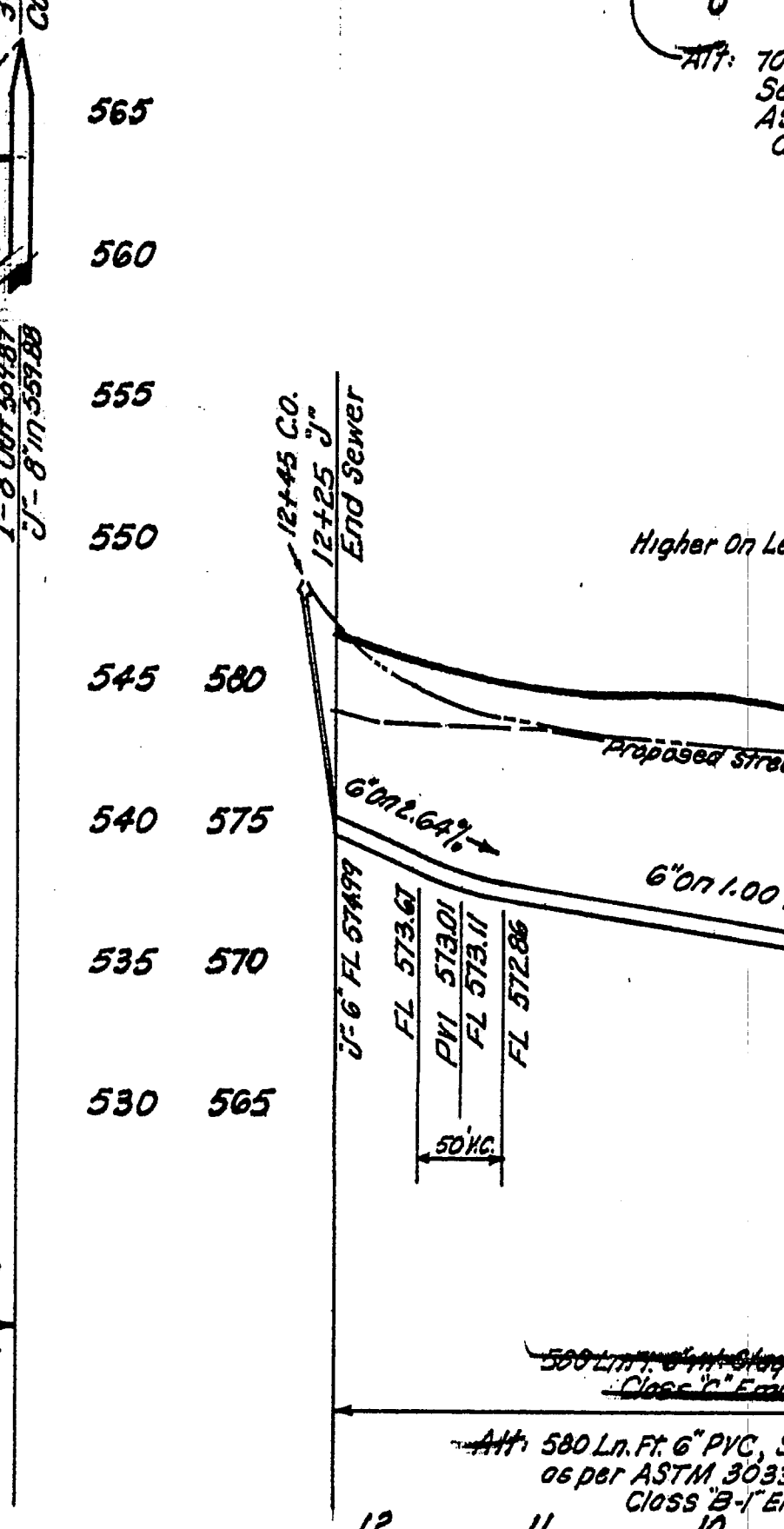
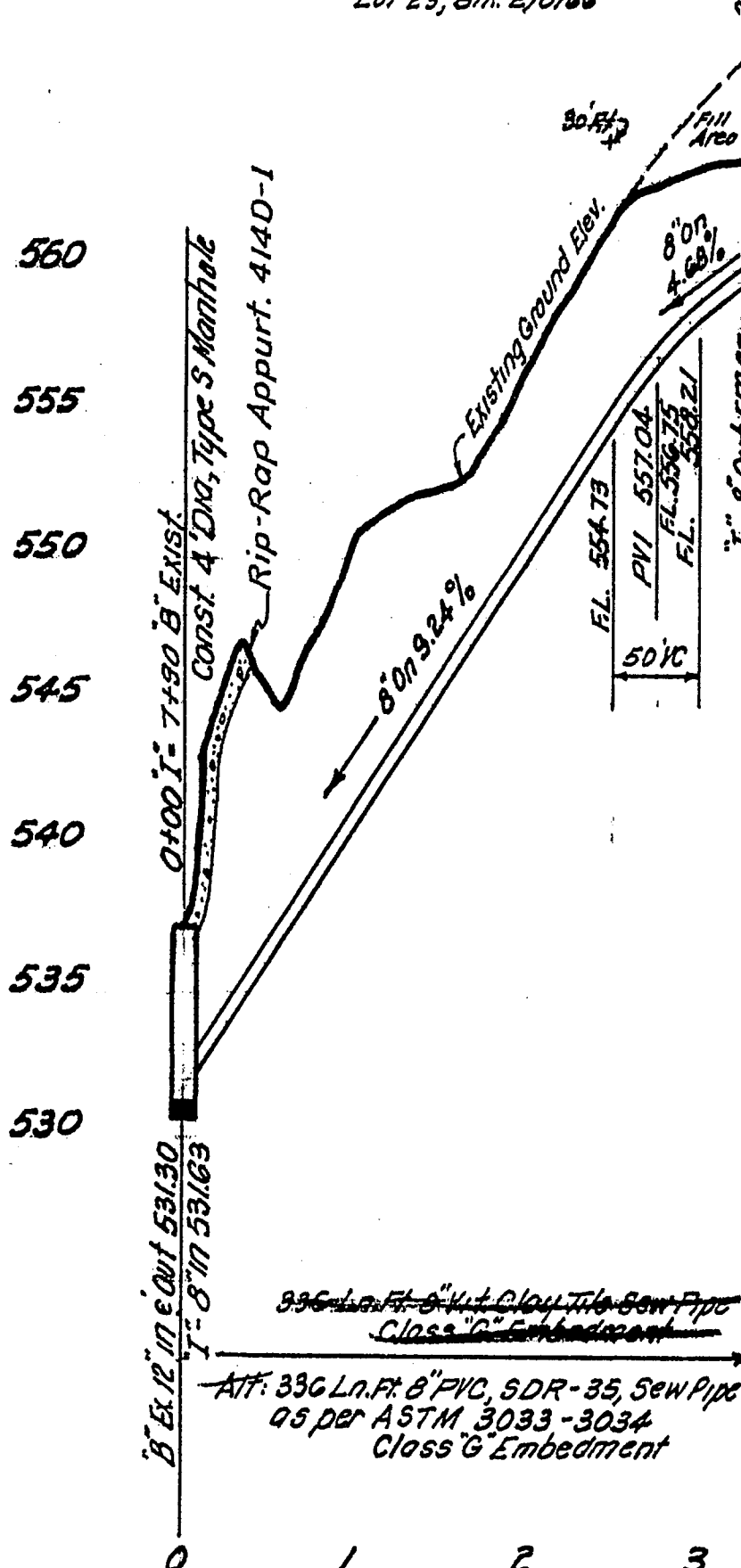
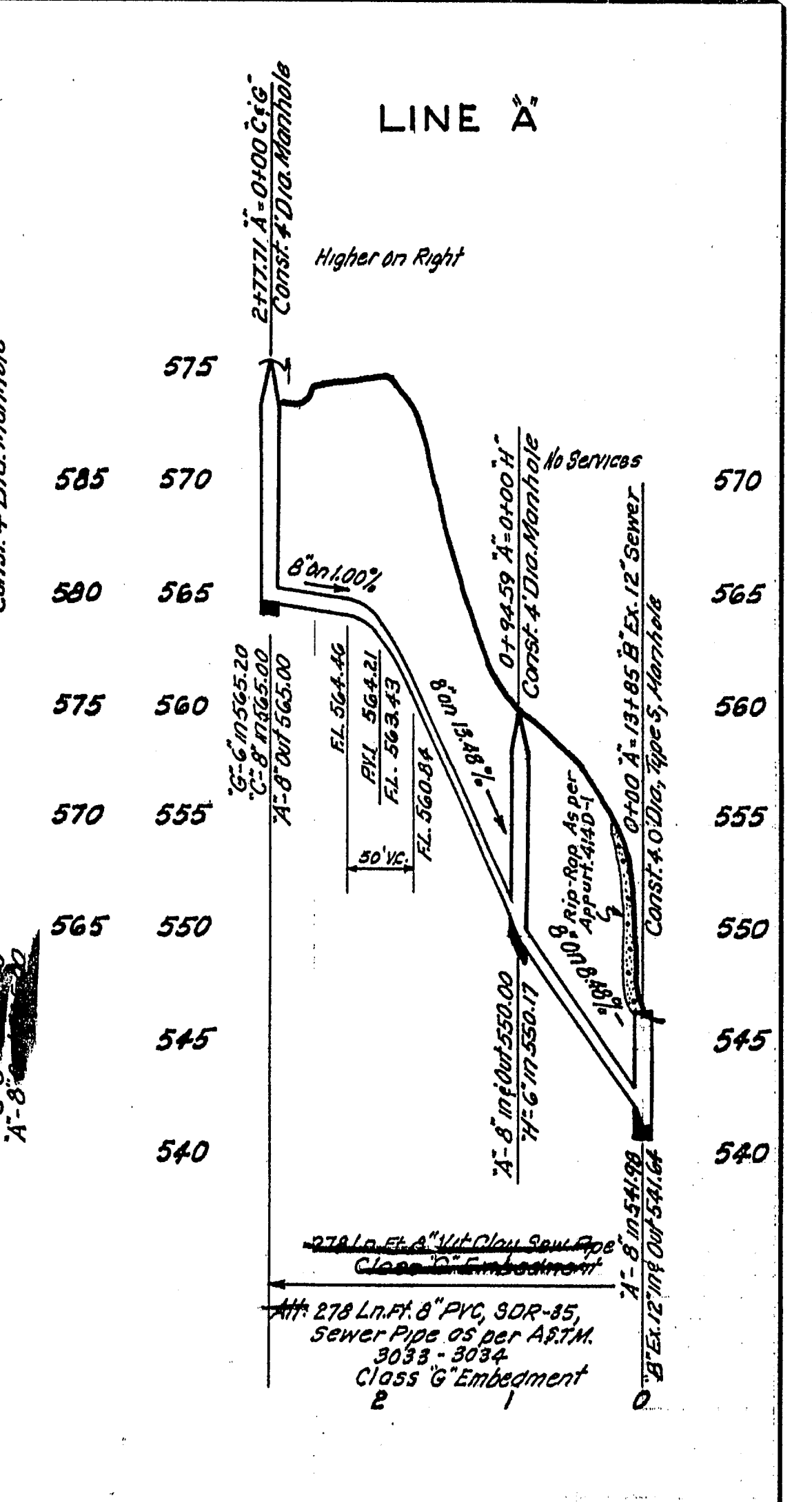
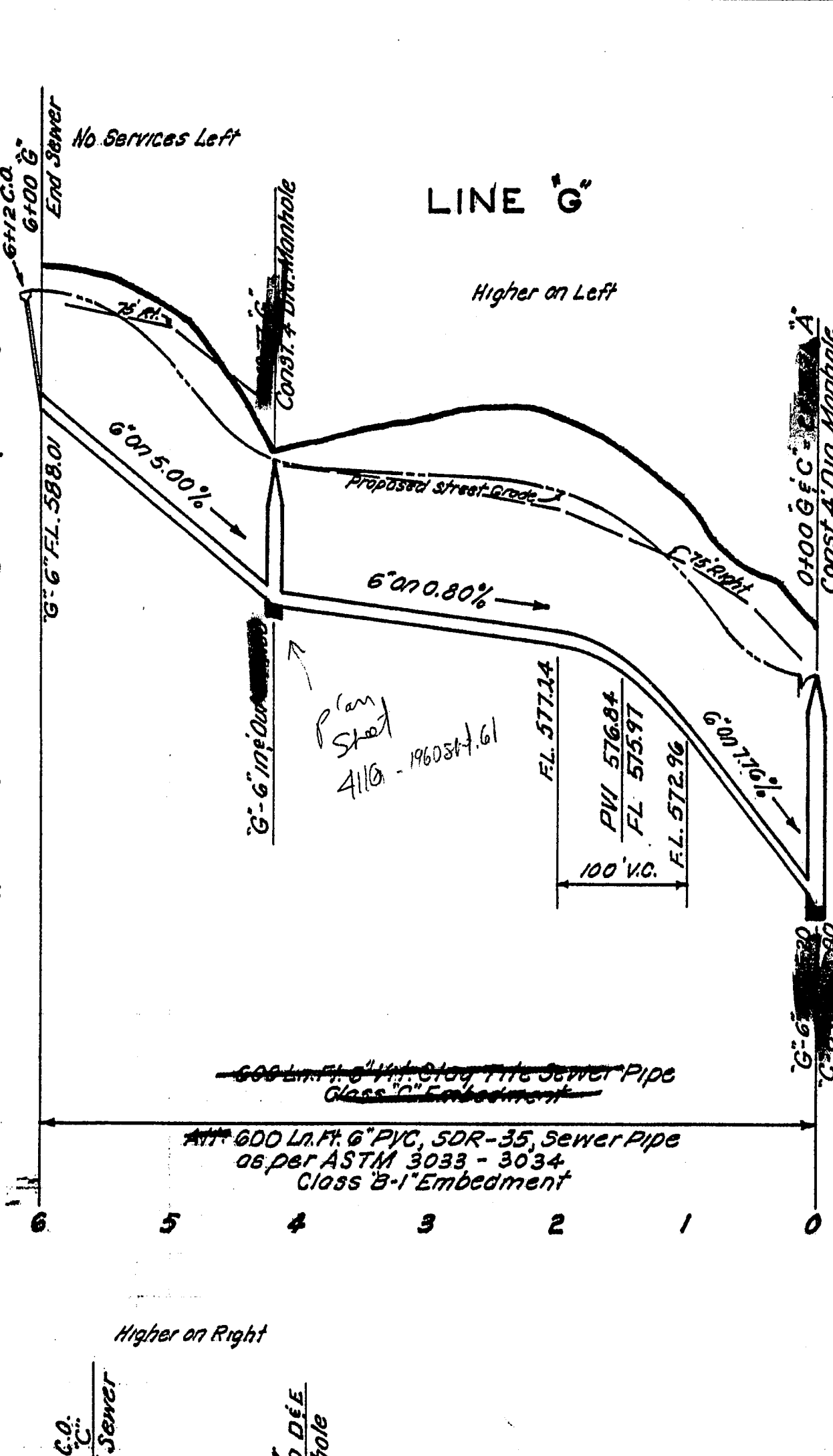
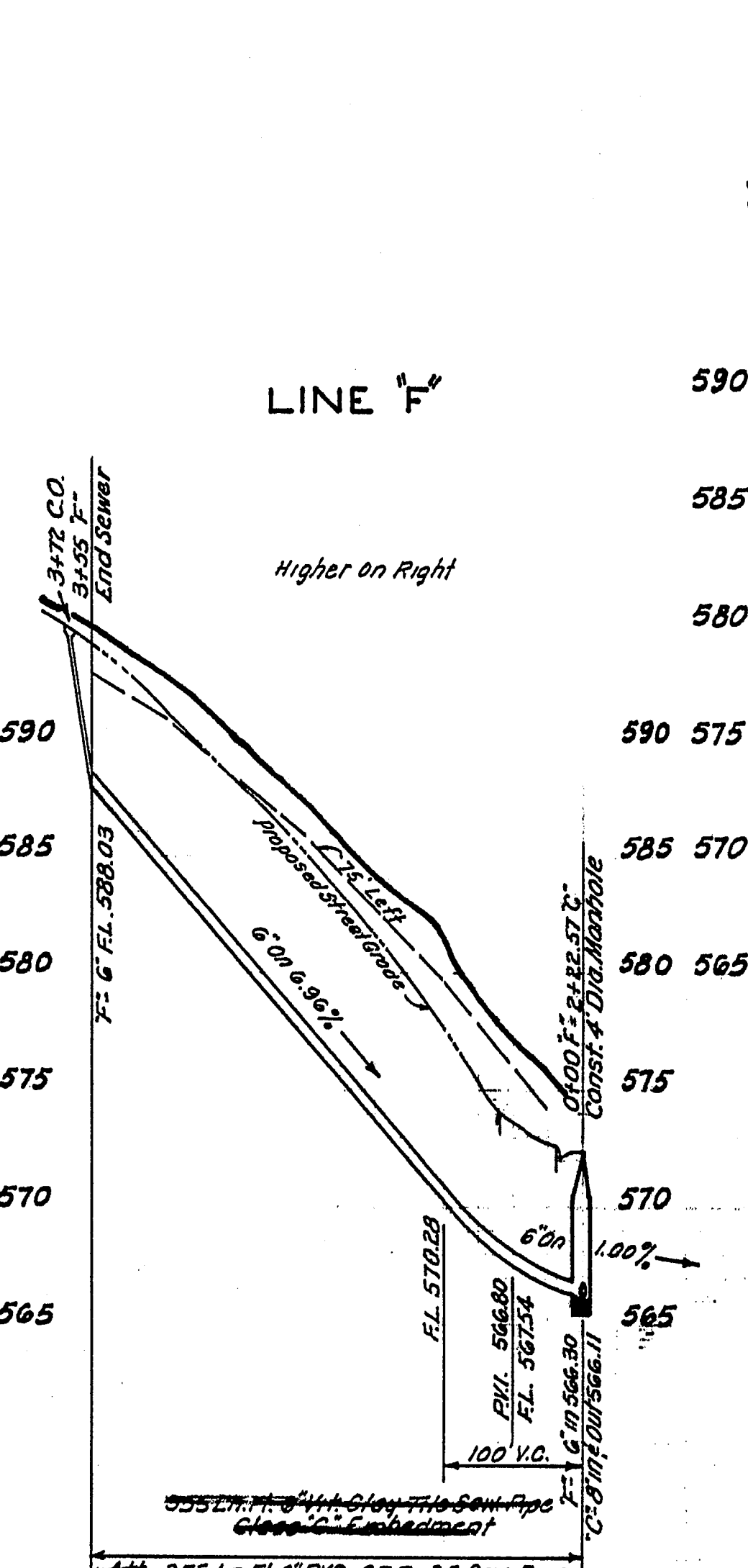
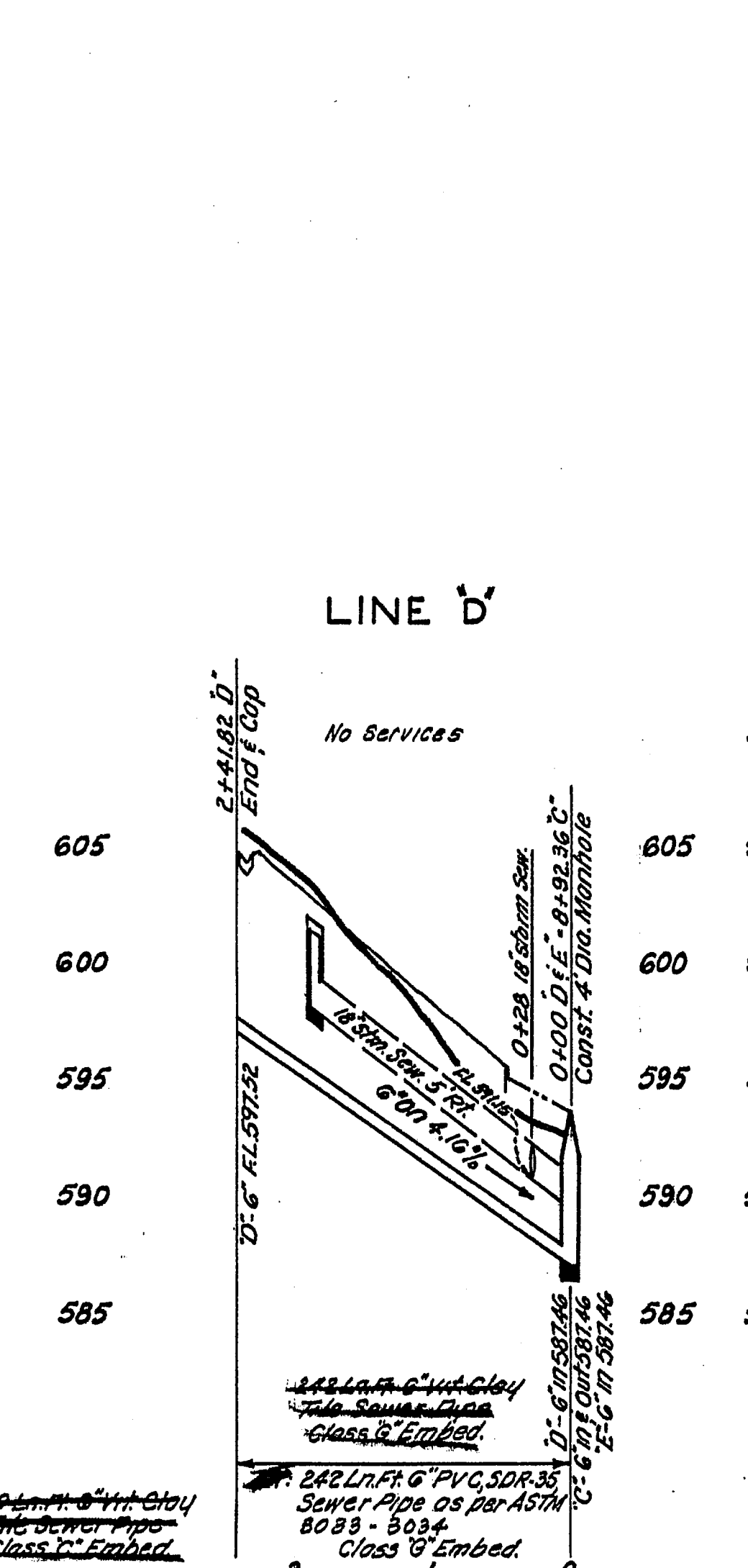
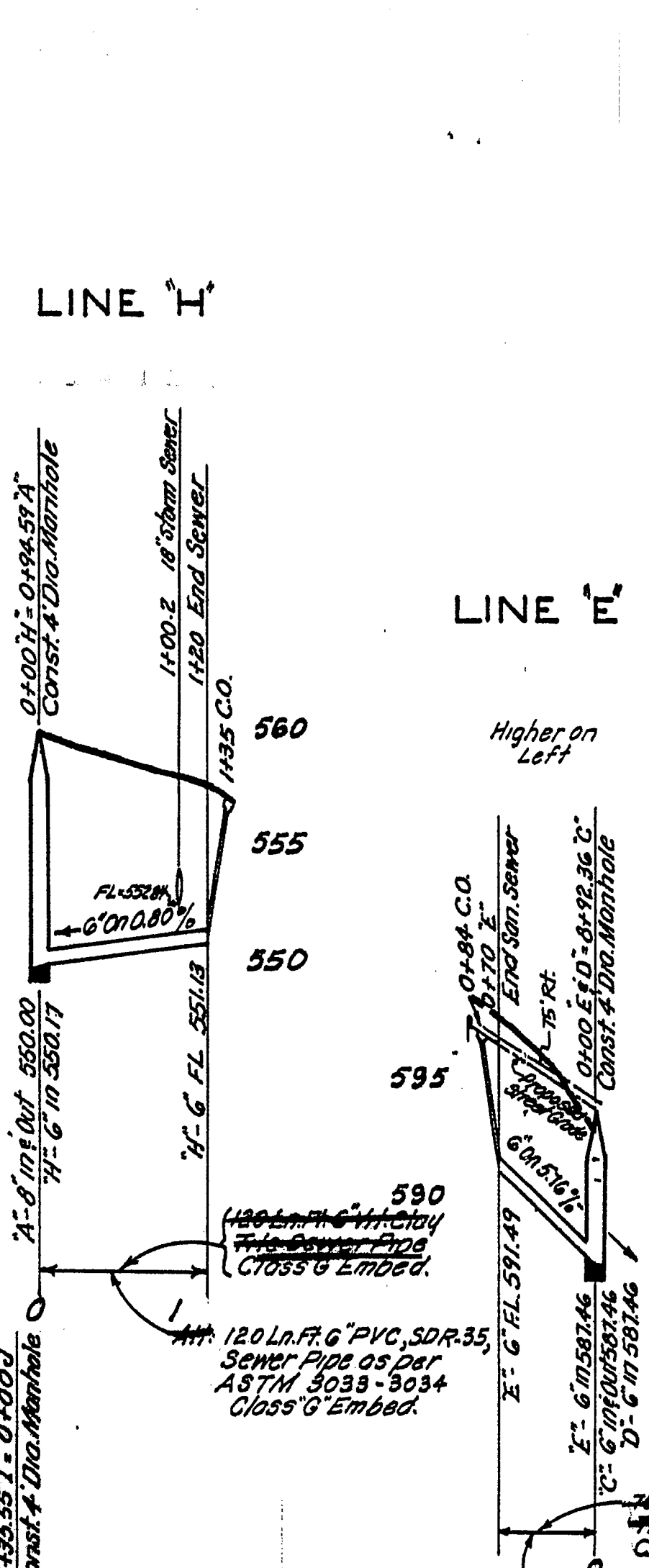
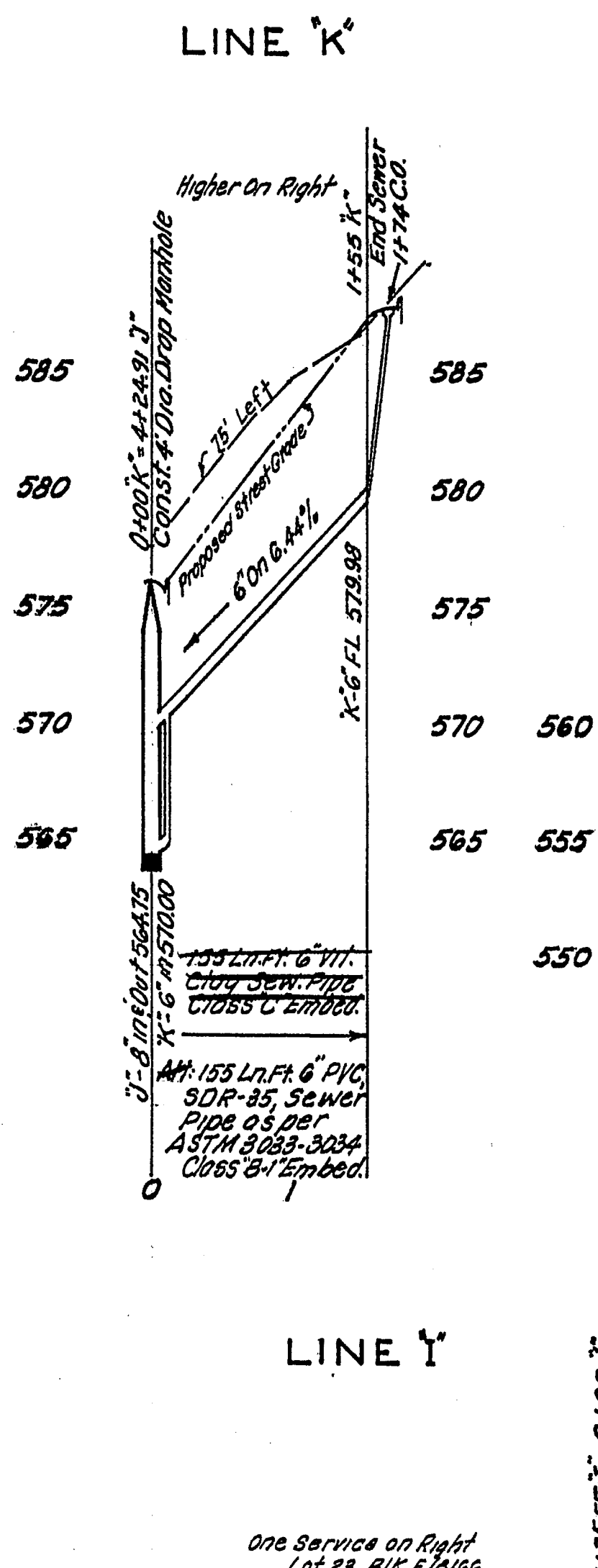
BENCH MARK NO. 2
"X" Cut at P.R.C. In Center-line of Preston Oaks Road at Hidden Springs Court.
Elev. 600.78

Preston Oaks Crossing Apartments
411Q 1960 Sht. 64, 65

DESIGNED *M. E. Worrell* DATE July 12, 1983
WORRELL & ASSOCIATES INC.
R.O.W. APPROVED _____ DATE _____
ENGINEER OF DESIGN WATER UTILITIES DEPT. DATE _____
CONTRACT NO. (All work by permit)

WATER & SEWER PLAN					
PRESTON OAKS ADDITION					
WORRELL & ASSOCIATES ENGINEERS - PLANNERS 13619 INWOOD ROAD, SUITE 300 - DALLAS, TEXAS					
DALLAS WATER UTILITIES DEPT.					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
W&A	MJI	June '83	1" = 50'		411 Q 1960

61A



Bench Mark:
 □ cut in center of North Headwall -
 Preston Oaks Drive at Noel Branch
 Elevation = 570.54

Bench Mark:
 □ Top of 1" Post in chain link fence line
 of North 12 1/2 x 2 1/2 West of Branch
 Elevation = 572.55

Designed ~ *James A. Campbell* Date 1-28-80
 James A. Campbell P.E.

C. Westlund Date 2-18-80
 Engineer of Design ~ Water Utilities Dept.

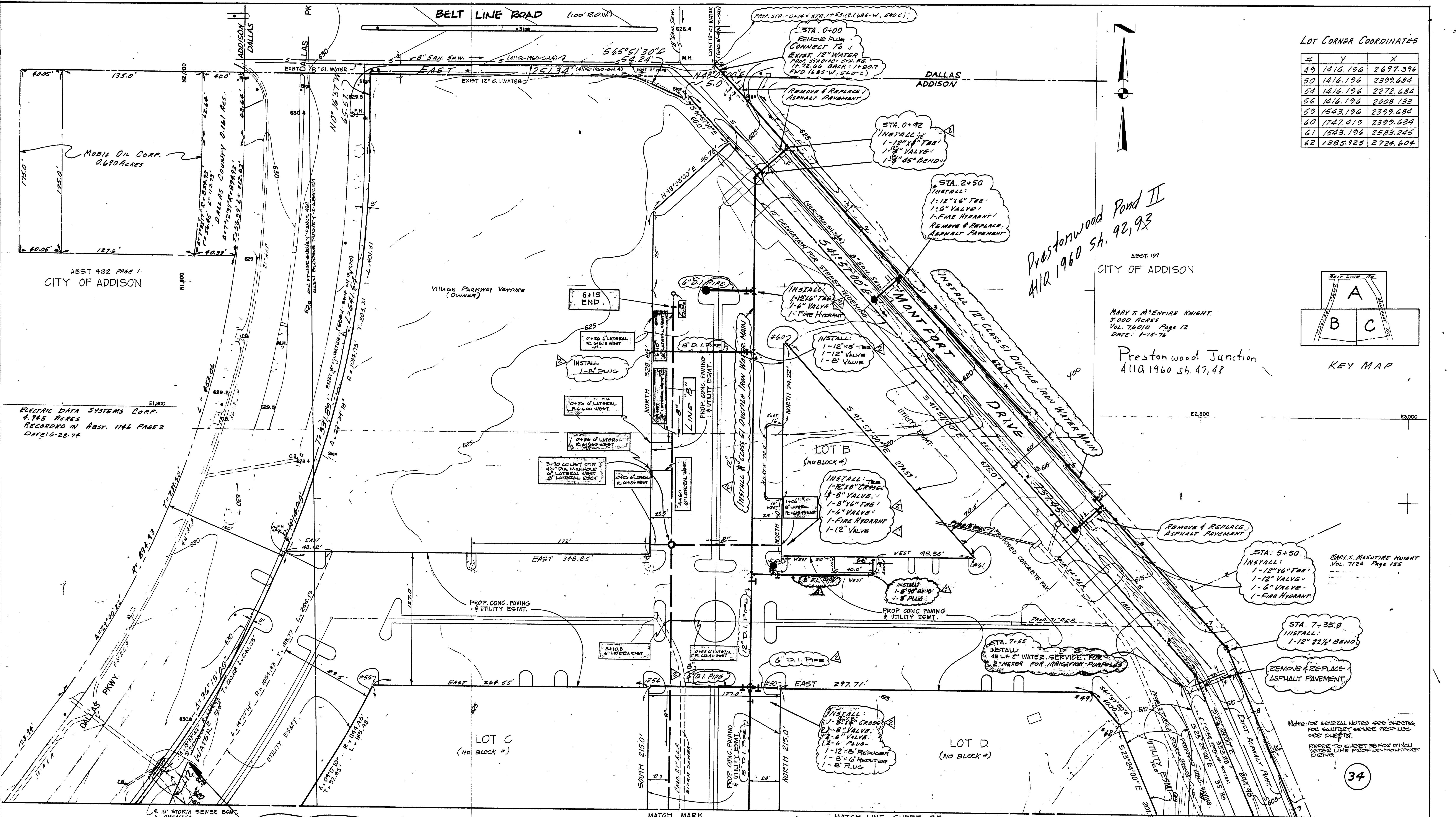
Contract No. 80-29-P.80-50-P-Cullum-1/9/80

62

PRESTON OAKS ON THE CREEK

SANITARY SEWER PROFILE
WATER UTILITIES DEPT.
CITY OF DALLAS, TEXAS

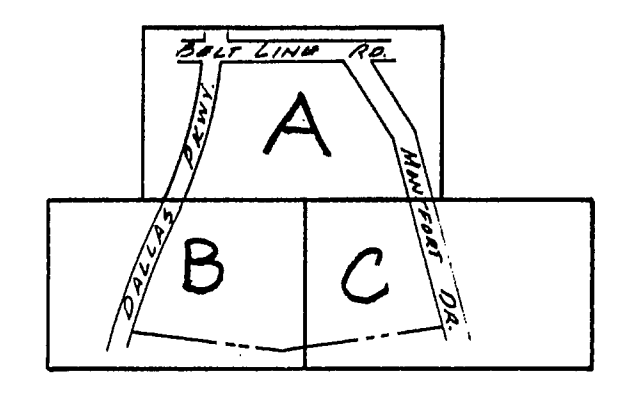
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
CAMPBELL	DEC. 1979	1/28/80	1"=6' Vert.	C.E. INC.	411Q	1960



LOT CORNER COORDINATES

#	Y	X
49	1416.196	2697.396
50	1416.196	2399.684
54	1416.196	2272.684
56	1416.196	2008.133
59	1543.196	2399.684
60	1747.419	2399.684
61	1543.196	2583.245
62	1385.925	2722.604

Prestonwood Pond II
 AIR 1960 Sh. 92, 93
 CITY OF ADDISON



MARY T. MENTIRE KNIGHT
 5,000 ACRES
 VOL. 76010 PAGE 12
 DATE: 1-15-74

Prestonwood Junction
 411A 1960 Sh. 47, 48

MARY T. MENTIRE KNIGHT
 VOL. 7124 PAGE 155

STA. 5+50
 INSTALL:
 1-12" X 6" TEE
 1-12" VALVE
 1-6" VALVE
 1-FIRE HYDRANT

STA. 7+35.8
 INSTALL:
 1-12" 22 1/2" BEND
 REMOVE & REPLACE ASPHALT PAVEMENT

Note: FOR GENERAL NOTES SEE SHEETS 6 FOR SANITARY SEWER PROFILES SEE SHEET 7 FOR WATER SERVICE PROFILES SEE SHEET 8 FOR FISHING MOUNTFORD DRIVE

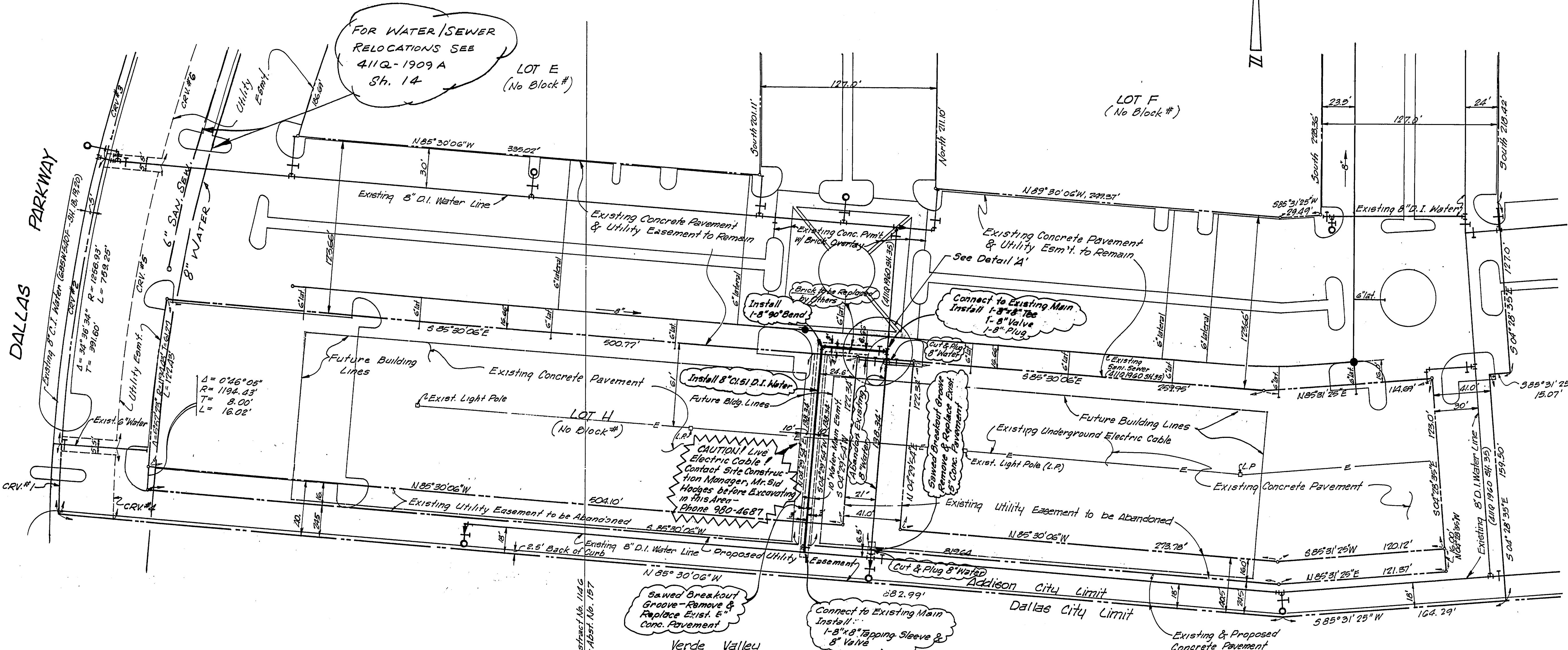
FOR WATER RELOCATION
 SEE 411Q-1909 A SH. 15

BENCHMARK: STANDARD WATER DEPT. BENCHMARK CENTER INLET NORTHWEST CORNER BELT LINE ROAD AND DALLAS PKWY. ELEV: 632.08

LOCATION: VILLAGE ON THE PARKWAY - PHASE I
 DESIGNED: ALBERT H. HALFF ASSOCIATES, INC. - ENGINEERS
 DATE: 1-19-79
 ENGINEER OF DESIGN: DALLAS WATER UTILITIES DEPT. CONTRACT NO. 78-2619, 78-2622 STIMMONS & SEPT. 25, 1978

LOCATION: VILLAGE ON THE PARKWAY - PHASE I
 DESIGNED: ALBERT H. HALFF ASSOCIATES, INC. - ENGINEERS
 DATE: 1-19-79
 ENGINEER OF DESIGN: DALLAS WATER UTILITIES DEPT. CONTRACT NO. 78-2619, 78-2622 STIMMONS & SEPT. 25, 1978

WATER & SANITARY SEWER PLANS						
VILLAGE ON THE PARKWAY						
VILLAGE PARKWAY VENTURE						
ALBERT H. HALFF ASSOCIATES, INC. - ENGINEERS						
CITY OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AHH ASSOC.	T.P.	MAY 1978	1"=40'	6143	411Q	1960



Second Installment
Village On The Parkway
Vol. 79057, Pg. 1765
Abstract No. 157

CRV.#	Δ	R	T	L
1	2°16'51"	1256.93'	25.02'	50.04'
2	9°26'42"	1256.93'	103.84'	207.20'
3	11°30'26"	1256.93'	126.05'	252.02'
4	2°21'21"	1216.93'	25.02'	50.04'
5	9°45'28"	1216.93'	103.83'	207.25'
6	11°22'26"	1216.93'	121.19'	241.58'

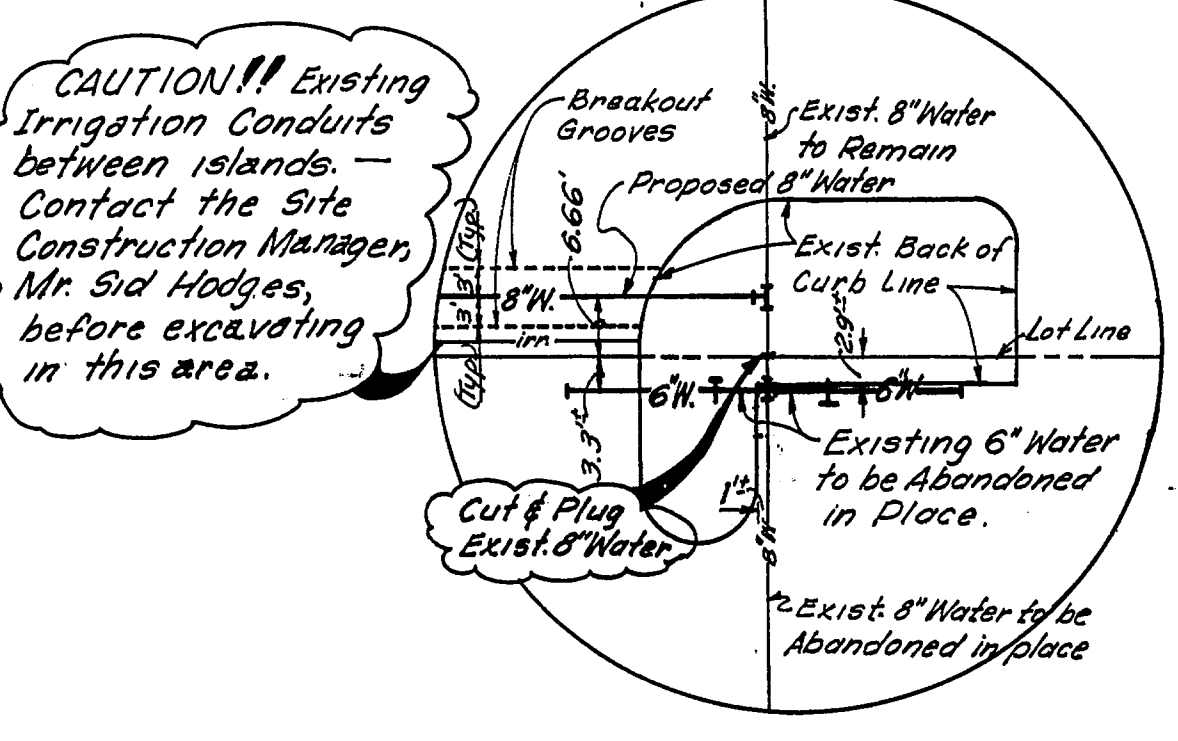
J. Pancoast Survey, Abstract No. 1146
Allen Gleason Survey, Abstr. No. 157

Verde Valley
Parkway Place Addition No. 1
Vol. 70702 Pg. 1934
BLOCK A/8170

General Notes:

- All water mains shall be ductile iron class 51 water pipe with polyethylene wrap on pipe, fittings, and fire hydrant bases.
- Alternate - All 6" and 8" water mains shall be PVC class 200 water pipe except in fill areas and major and secondary thoroughfares as follows:
For PVC Service Taps 1" and larger, Tapping Saddle shall be used.
- All water mains shall have a minimum cover below finished grades as follows: 6" & 8" - 48"; 12" - 60"; or as required to clear other utilities.

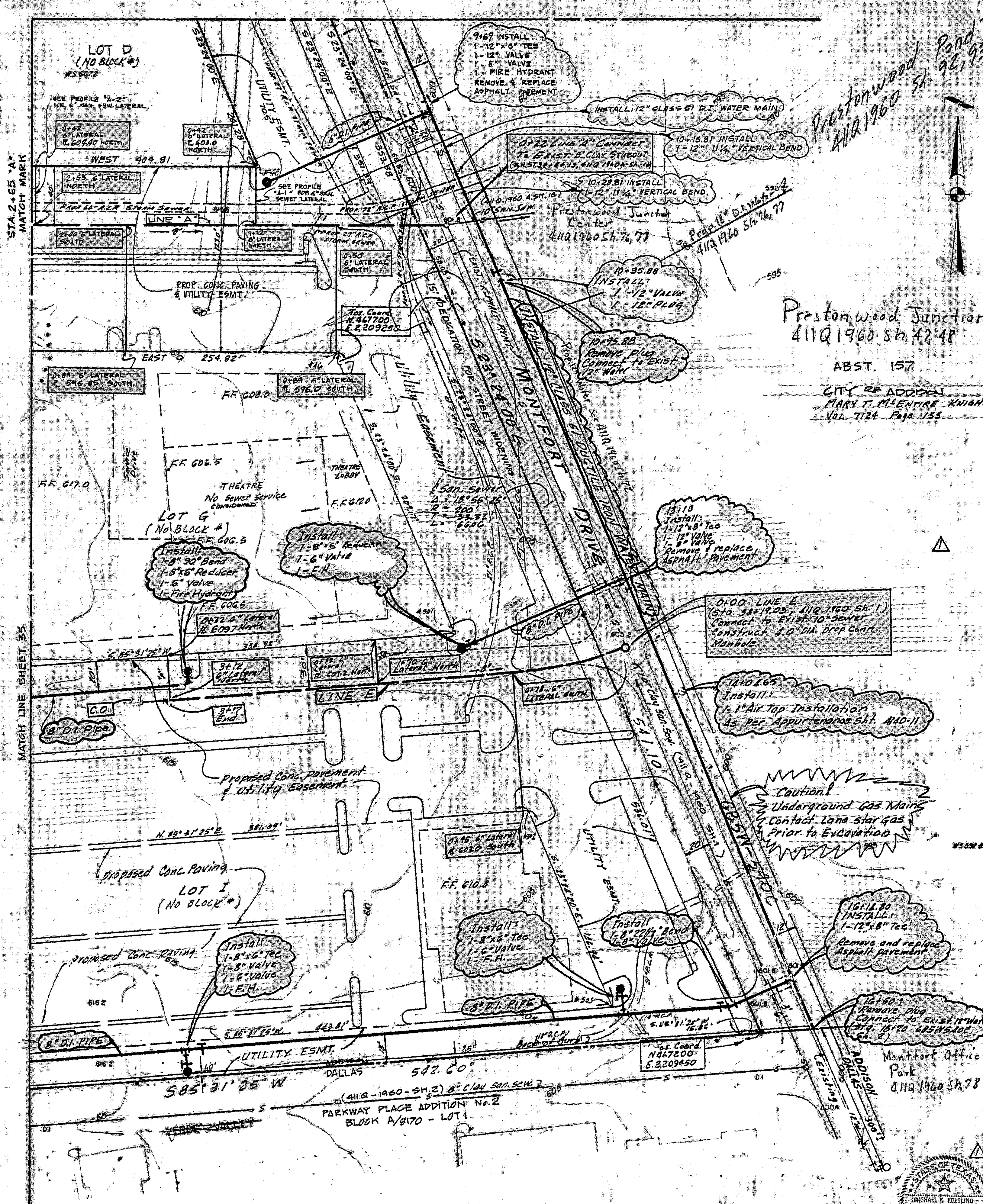
- BENCH MARKS**
- Standard Water Dept. Bench Mark Center Inlet - Northwest Corner Bellline Road and Dallas Parkway. Elev.: 632.08
 - "4" in Top of Fire Hydrant Southeast Corner Bellline Rd. and Dallas Pkwy. Elev.: 632.31



Detail A
Scale: 1" = 20'

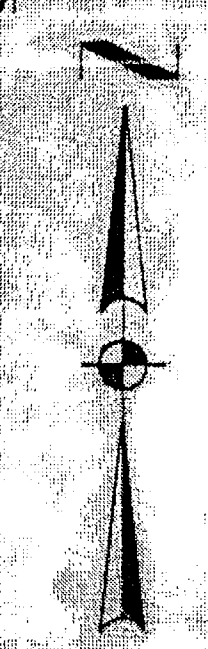
LOCATION: VILLAGE ON THE PARKWAY - PHASE I
DESIGNED *Michael K. Gooding* DATE *March 08, 1981*
ALBERT H. HALFF & ASSOCIATES, INC. ENGINEERS
R.O.W. APPROVED: *Albert Halff* DATE: *6-1-81*
Cal West
ENGINEER OF DESIGN - DALLAS WATER UTILITIES DEPT.
CONTRACT No. 81-245-P-541mson Cont. Co. ~ May 23, 1981

WATER PLAN					
VILLAGE ON THE PARKWAY					
VILLAGE PARKWAY VENTURE					
CITY OF ADDISON, TEXAS					
DALLAS WATER UTILITIES, DEPT.					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
R.K.	J.L.	MAR 81	1"=40'	6898	411Q 1960



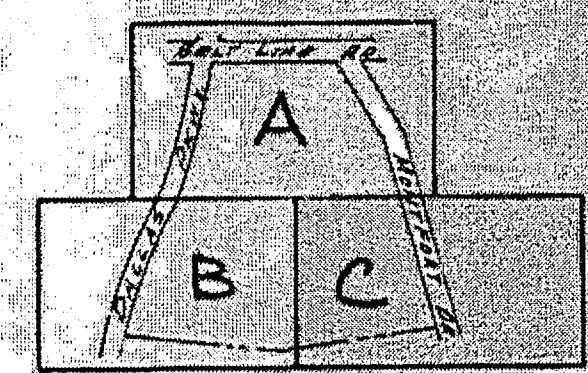
Prestonwood Junction
411Q 1960 Sh. 47, 48

ABST. 157
CITY OF ADDISON
MARY T. MCENTIRE KNIGHT
VOL. 7124 Page 155



WATER & SANITARY SEWER GENERAL NOTES

- ALL 12" AND SMALLER WATER LINES TO BE CLASS 51 D.I.
- ALL WATER LINES TO HAVE MINIMUM COVER AS FOLLOWS:
a. 3' OR LESS 4' BELOW APPROVED STREET GRADES OR AS REQUIRED TO CLEAR OTHER UTILITIES.
b. 12" 5' BELOW APPROVED STREET GRADES OR AS REQUIRED TO CLEAR OTHER UTILITIES.
- SANITARY SEWER LATERALS SHALL BE SIZED AND LOCATED AS SHOWN.
- DUE TO SOIL RESISTIVITY READINGS OF LESS THAN 2000 OHMS PER C.C., ALL D.I. PIPE SHALL HAVE 8 MIL POLYETHYLENE WRAP.
- WATER AND SANITARY SEWER ESMTS. SHALL INCLUDE ADDITIONAL AREA OF WORKING SPACE FOR CONSTRUCTION AND MAINTENANCE OF THE SYSTEM. ADDITIONAL ESMT. AREA ALSO CONVEYED FOR INSTALLATION AND MAINTENANCE OF MANHOLES, CLEANOUTS, FIRE HYDRANTS, SERVICES, LATERALS, METERS AND OTHER APPURTENANCES NECESSARY FOR PROPER OPERATION OF THE SYSTEM.
- EXTEND WATER SERVICES AND SANITARY SEWER LATERALS 2' BEYOND PROPOSED CURB.
- ALL WATER SERVICES TO BE SIZED AND LOCATED AS SHOWN.
- THE CONTRACTOR SHALL PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC., MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE DEVELOPER AND OR THE CONSTRUCTOR PRIOR TO AND AFTER PLACING OF PERMANENT PAVING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING THE CONSTRUCTION OF THE PAVING FOR THE DEVELOPMENT.
- ALL FIRE HYDRANTS SHALL BE MUELLER CENTURY AS REQUIRED BY THE CITY OF ADDISON.
- ALL WATER SERVICES TO EXISTING MAINS SHALL BE INSTALLED BY CONTRACTOR.
- SANITARY SEWER LATERALS "B" & "C" SHALL BE 6"
- WATER SERVICES "A" SHALL BE 6"



KEY MAP

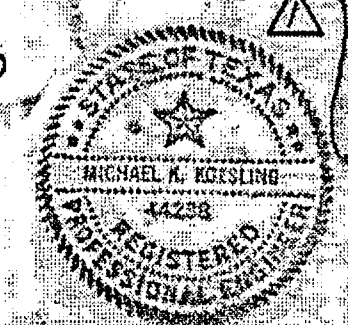
LOT CORNER COORDINATES

#	Y	X
48	1201.196	2804.543
46	1076.196	2857.801
501	880.230	2962.970
502	762.893	2994.212
503	628.089	3052.569

BENCH MARK:
STANDARD WATER DEPT. BENCH MARK CENTER INLET - NORTHWEST CORNER BELTLINE ROAD AND DALLAS PKWY. ELEV: 632.08
BENCH MARK:
FIN TOP OF FIRE HYDRANT SOUTHEAST CORNER BELTLINE RD. AND DALLAS PKWY. ELEV. 632.31

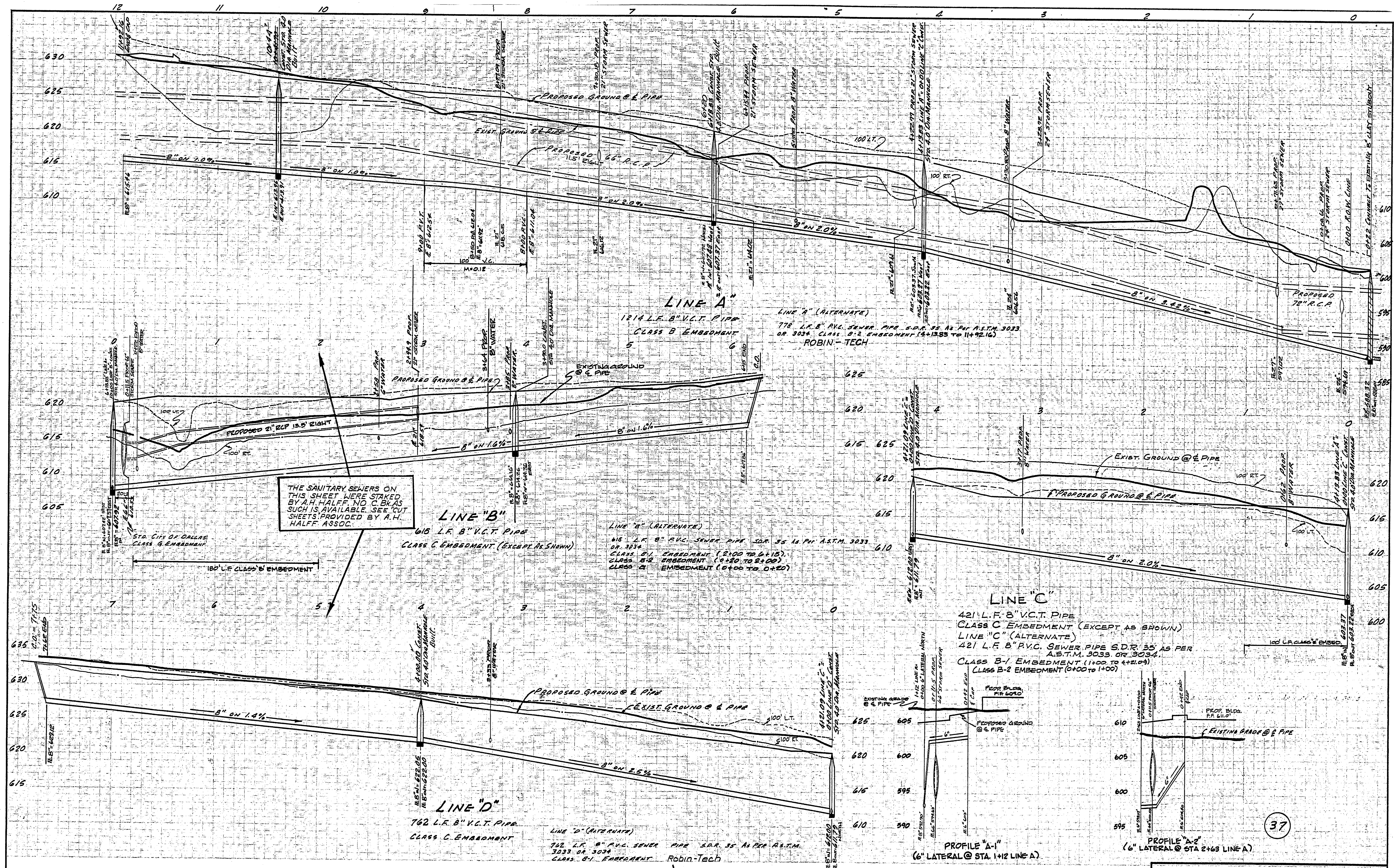
NOTE: REFER TO SHEET 38 FOR 8" INCH WATER LINE PROFILE-MONTFORT DRIVE.
REFER TO SHEET 37 FOR SANITARY SEWER PROFILES.

LOCATION: VILLAGE ON THE PARKWAY - PHASE I
DESIGNED: *[Signature]* DATE: 2/21/78
ALBERT H. HALFF ASSOCIATES, INC., ENGINEERS
R.O.W. APPROVED: *[Signature]* DATE: 10-17-78
ENGINEER OF DESIGN - DALLAS WATER UTILITIES DEPT.
CONTRACT NO. 78-2017, 78-2622P - Stinson Sept. 25, 1978



Row Approved Subject to letter of 4-12-79
LOCATION: VILLAGE ON THE PARKWAY - 2nd Instal.
DESIGNED: *[Signature]* DATE: 3-15-79
ALBERT H. HALFF ASSOCIATES, INC., ENGINEERS
R.O.W. APPROVED: *[Signature]* DATE: 4-25-79
ENGINEER OF DESIGN - DALLAS WATER UTILITIES DEPT.
CONTRACT NO. 79-2992P-240P - Stinson April 19, 1979
SLOPED WATER & SANITARY UTILITIES FOR VILLAGE ON THE PARKWAY 2nd Installation. (2.28.79)

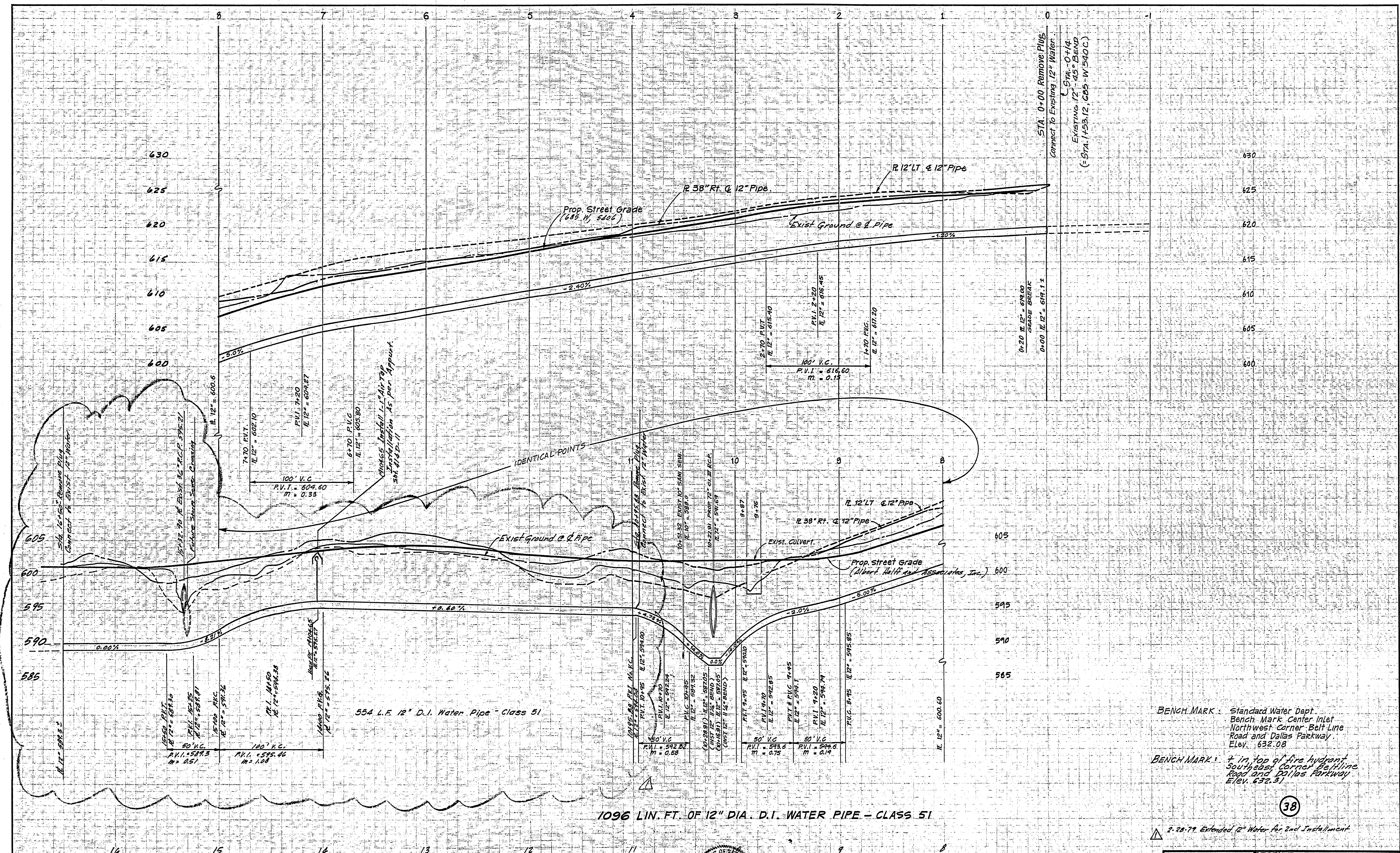
WATER & SANITARY SEWER PLANS					
VILLAGE ON THE PARKWAY					
VILLAGE PARKWAY VENTURE					
ALBERT H. HALFF ASSOCIATES, INC., ENGINEERS					
CITY OF ADDISON, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
AH.H. & ASSOC.	T.P.	MAY 1978	1" = 40'	6143	411Q 1960



LOCATION: VILLAGE ON THE PARKWAY PHASE I
 DESIGNED BY: [Signature] DATE: May 21/78
 ALBERT H. HALFF ASSOCIATES INC. ENGINEERS
 P.O.U. APPROVED: [Signature] DATE: 10-17-78
 ENGINEER OR DESIGNER: DALLAS WATER UTILITIES DEPT.
 CONTRACT NO. 78-2017, 78-2022 - Shimsen Sept. 25, 1978

BENCHMARK: STANDARD WATER DEPT. BENCHMARK
 CENTER INLET NORTHWEST CORNER
 BELTLINE ROAD AND DALLAS PKWY.
 ELEV. 632.08

SANITARY SEWER PROFILE						
VILLAGE ON THE PARKWAY						
VILLAGE PARKWAY VENTURE						
ALBERT H. HALFF ASSOCIATES, INC. - ENGINEERS						
CITY OF ADDISON, TEXAS DALLAS FRANCHISE						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
ALL RECD	T.P.	MAY 1978	1"=60' 1"=40'	6143	#110	1960



BENCH MARK: Standard Water Dept.
Bench Mark Center Inlet
Northwest Corner Belt Line
Road and Dallas Parkway
Elev. 632.08

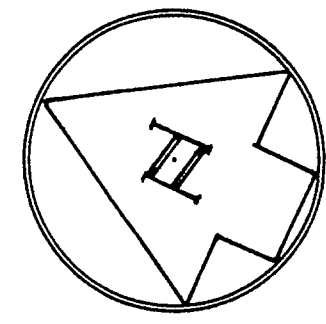
BENCH MARK: 7 in. top of fire hydrant
Southeast Corner Beltline
Road and Dallas Parkway
Elev. 632.31

38

LOCATION: VILLAGE ON THE PARKWAY 2ND INST.
DESIGNED: *Michael S. Koning* DATE: 3-15-78
ALBERT H. HALFF ASSOCIATES INC. ENGINEERS
R.O.W. APPROVED DATE:
Cal Westlund 4-25-79
ENGINEER OF DESIGN ~ DALLAS WATER UTILITIES DEPT.
CONTRACT NO. 79-239 P, 79-240 P ~ Stinson April 19, 1979

LOCATION: VILLAGE ON THE PARKWAY PHASE I
DESIGNED: *Albert H. Halff* DATE: July 21, 1978
ALBERT H. HALFF ASSOCIATES INC. ENGINEERS
R.O.W. APPROVED DATE:
Cal Westlund 10-17-78
ENGINEER OF DESIGN ~ DALLAS WATER UTILITIES DEPT.
CONTRACT NO. 78-261P, 78-262P ~ Stinson Sept. 23, 1978

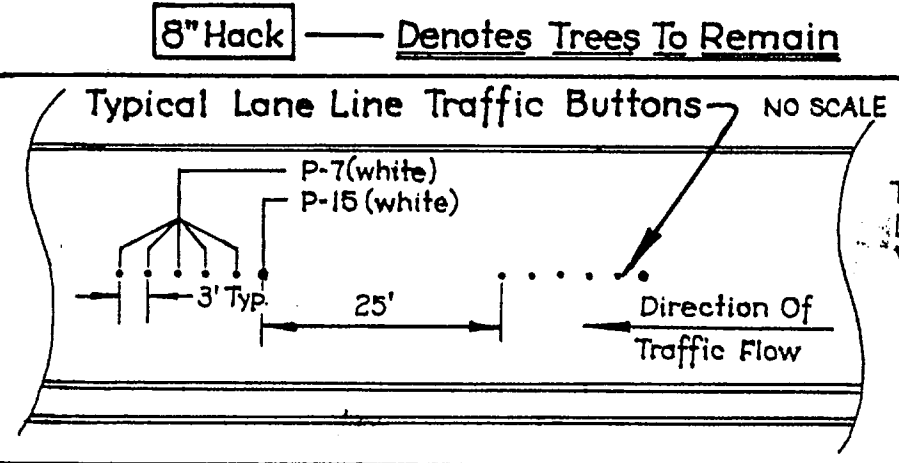
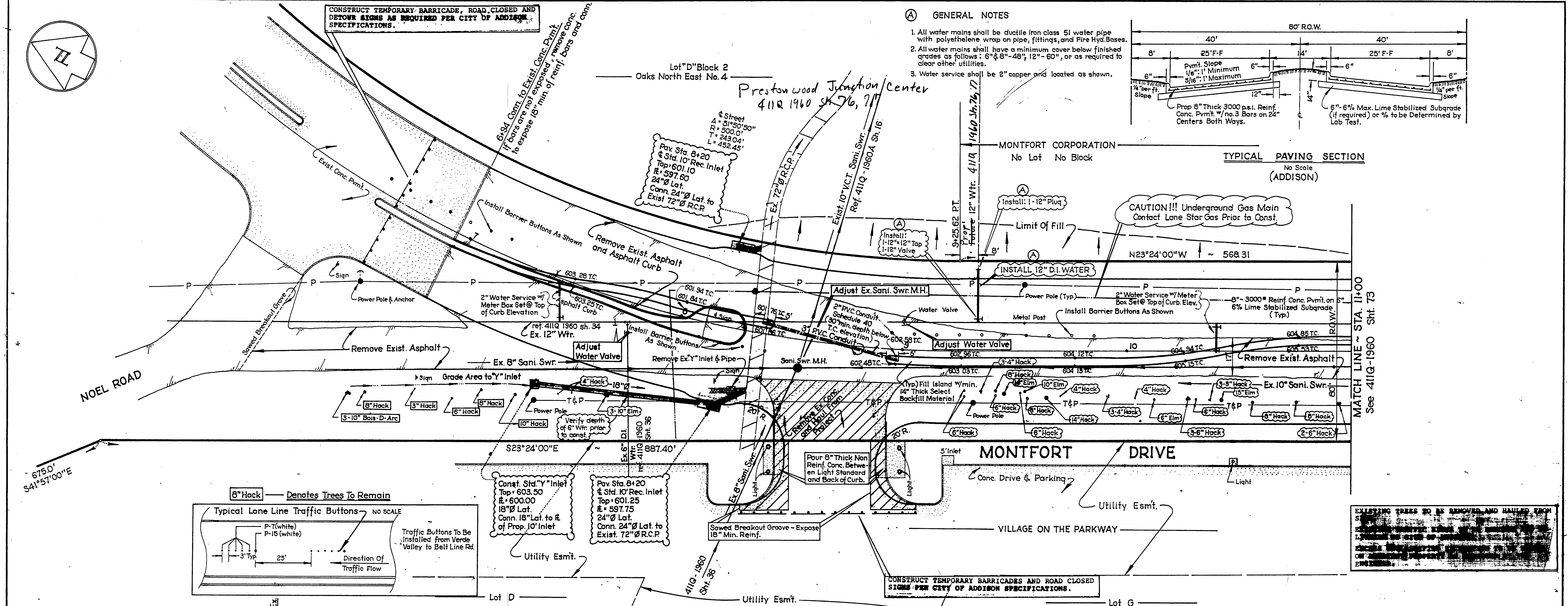
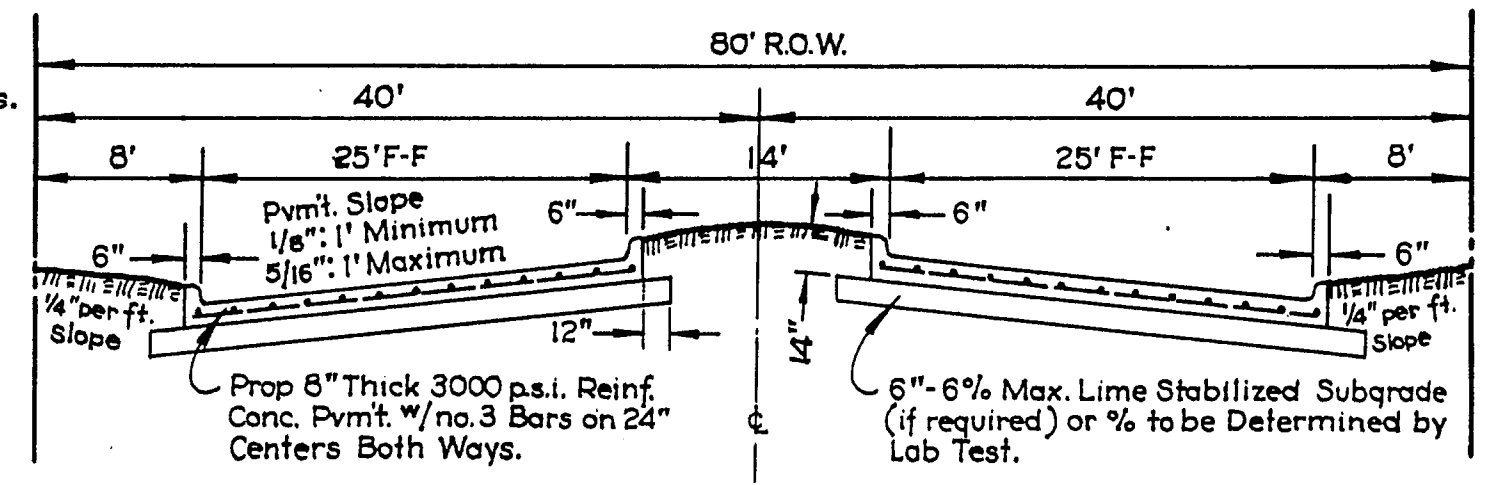
PROFILE						
12" CLASS 51 D.I. WATER MAIN						
MONTFORT DRIVE						
VILLAGE ON THE PARKWAY						
ALBERT H. HALFF AND ASSOCIATES - ENGINEERS						
CITY OF ADDISON, TEXAS DALLAS FRANCHISE						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AHH Assoc. INC.	T.N.	JUN. 78	H 1" = 40' V 1" = 6'	C143	411 Q	1960



CONSTRUCT TEMPORARY BARRICADE, ROAD CLOSED AND DETOUR SIGNS AS REQUIRED PER CITY OF ADDISON SPECIFICATIONS.

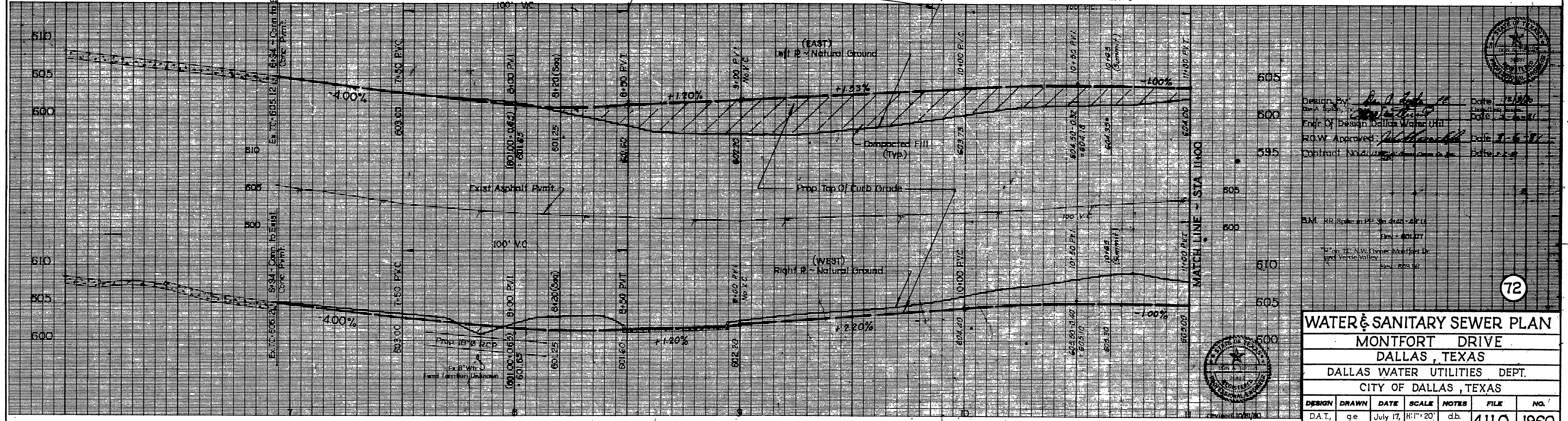
GENERAL NOTES

- All water mains shall be ductile iron class 51 water pipe with polyethylene wrap on pipe, fittings, and Fire Hyd. Bases.
- All water mains shall have a minimum cover below finished grades as follows: 6" & 8"-48", 12"-60", or as required to clear other utilities.
- Water service shall be 2" copper grid located as shown.



MATCH LINE - STA. 11+00
See 411Q-1960 Sh. 73

EXISTING TREES TO BE REMOVED AND HAULED FROM SITE. ...



Design By: [Signature]
 Date: [Date]
 End Of Design: Dallas Water Util.
 City Of Dallas Water Util.
 Approved: [Signature]
 Date: [Date]
 Contract: [Signature]

WATER & SANITARY SEWER PLAN
MONTFORT DRIVE
DALLAS, TEXAS
DALLAS WATER UTILITIES DEPT.
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
D.A.T., Inc.	g.e.	July 17, 1980	H: 1" = 20' V: 1" = 6'	db.	411Q	1960

GENERAL NOTES

- All water mains shall be ductile iron class 51 water pipe.
- Substitute all 6" and 8" water mains shall be PVC Class 200 water pipe except in all cases and in all cases secondary Thoroughfares as follows:
Note: PVC water pipe on services 1" and larger tapping saddles will be used.
- All water mains shall have a minimum cover below finished grades as follows: 6" & 8" - 48"
12" - 60"
Or as required to clear other utilities.
- All water services shall be 1" copper and located as shown.
- Due to soil resistivity readings of less than 2000 OHMS per C.C. all D.I. water pipe shall have 8 Mil. Thickness polyethylene tube wrap.

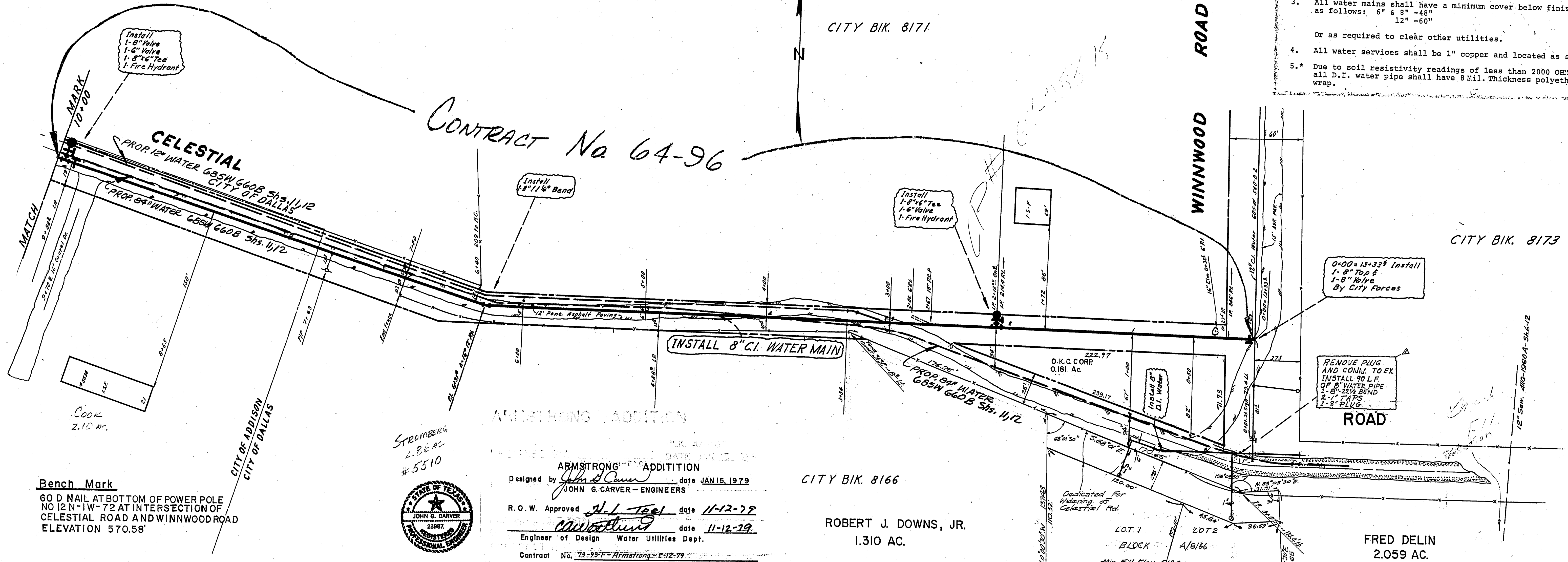
CITY OF DALLAS

CITY BIK. 8171

WINNWOOD ROAD

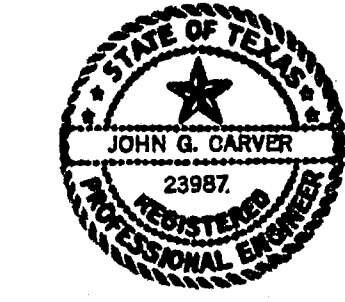
CITY BIK. 8173

CONTRACT No 64-96



Bench Mark

60 D NAIL AT BOTTOM OF POWER POLE NO 12 N-1W-72 AT INTERSECTION OF CELESTIAL ROAD AND WINNWOOD ROAD ELEVATION 570.58'



ARMSTRONG ADDITION
Designed by *John G. Carver* date JAN 15, 1979
JOHN G. CARVER - ENGINEERS
R.O.W. Approved *H.L. Teel* date 11-12-79
Carver date 11-12-79
Engineer of Design Water Utilities Dept.
Contract No. 79-93-P-Armstrong-2-12-79

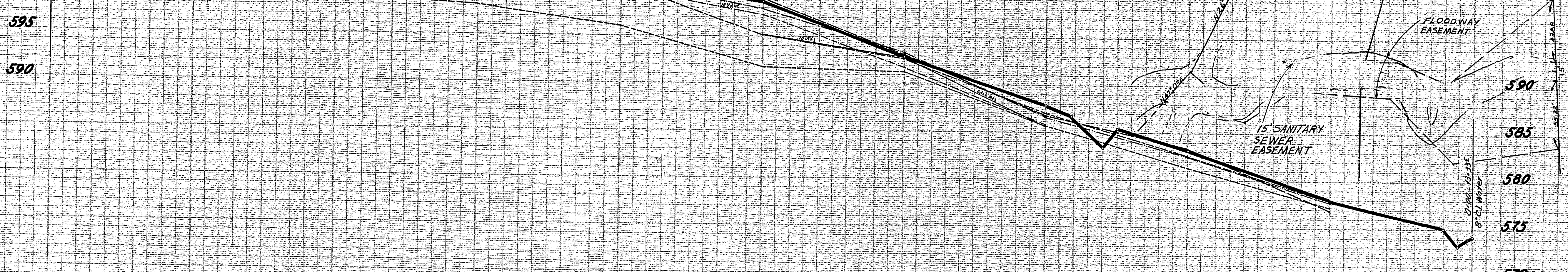
CITY BIK. 8166

ROBERT J. DOWNS, JR.
1.310 AC.

FRED DELIN
2.059 AC.

Sta 10+00

610
605
600
595
590



B.M. RR Spike in 30' Elm N.W. Cor. Celestial Rd. & Winnwood Rd. Elev. = 572.27
B.M. 3/4" I.P. in 8" H.B. Tree W. Side Noel Rd. 140' S. of E. Celestial Rd. Elev. = 626.06

REVISED BY CARVER - 27-DEC-1979

8" C.I. WATER MAIN
IN CELESTIAL ROAD
FROM WINNWOOD RD. TO NOEL RD.
DALLAS CITY WATERWORKS
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
Campbell	Royers	Sept '83	H: 1" = 40' V: 1" = 6'	BOONE CONTRACT #	685W	5400

GENERAL NOTES

1. ALL 8" WATER MAINS SHALL BE P.V.C. CLASS "200" WATER PIPE. ALL 12" WATER MAINS SHALL BE D.I. CLASS "B1" WATER PIPE.
2. ALL WATER MAINS SHALL HAVE A MINIMUM COVER BELOW FINISHED GRADES AS FOLLOWS: 8"-48", 12"-60", OR AS REQUIRED TO CLEAR OTHER UTILITIES.
3. EXTEND WATER SERVICES AND SANITARY SEWER LATERALS 2' BEYOND PROPOSED CURBS AND WALKS.
4. WATER AND SANITARY SEWER EASEMENTS SHALL ALSO INCLUDE ADDITIONAL AREA OF WORKING SPACE FOR CONSTRUCTION AND MAINTENANCE OF THE SYSTEMS. ADDITIONAL EASEMENT AREA IS ALSO CONVEYED FOR INSTALLATION AND MAINTENANCE OF MANHOLES, CLEANOUTS, FIRE HYDRANTS, WATER SERVICES FROM THE MAIN TO AND INCLUDING THE METER BOXES, SEWER LATERALS FROM THE MAIN TO THE CURB OR PAVEMENT LINE, AND THE DESCRIPTIONS OF SUCH ADDITIONAL EASEMENTS HEREIN GRANTED SHALL BE DETERMINED BY THEIR LOCATIONS AS INSTALLED.
5. ALL WATER SERVICES SHALL BE COPPER AND LOCATED AS SHOWN. SIZED AND REFERENCED AS FOLLOWS: "a" = 2", "b" = 2".
6. ALL SANITARY SEWER LATERALS SHALL BE LOCATED AS SHOWN. SIZED AND REFERENCED AS FOLLOWS: "p" = 6".
7. FIRE HYDRANTS TO BE MUELLER CENTURION.

DESIGN *G. W. Findley* DATE 10-1-81
 COOK CONSULTANTS, INC. ENGINEERS
 R.O.W. APPROVED *Robert F. Thrash* DATE 12-21-81
 ENGINEER OF DESIGN - DALLAS WATER UTILITIES DEPT.
 CONTRACT NO. 81-529-P&B1-530-P-A-B&J CONST. CO. - 12-17-81

Dondi Properties Inc. Sept. 16, 1981
 Strip No. I
 10' x Watermain easmt.
 N66°10'19"E 157.22'
 N40°35'00"E 220.00'
 Strip No. II
 S 58°10'00"W 30.00'
 S 31°50'00"E 4.00'
 N 58°10'00"E 31.68'
 TEMP. WORK SPACE GRANTED
 SPECIAL CONDITION
 D.O. 812830 P. 992
 Vol. 81220 Pa. 4-11-81

BM ~ Top of fire hydrant near SW property corner. Elev. = 608.77.
 BM ~ R.R. Spike in power pole @ SW property corner. Elev. = 610.45.

1. CHANGE 12" WAT. TO D.I. CLASS "B1"
 2. ADD 2" WATER SERVICE
 3. CHANGE LOCATION 8" SAN. SWR.
- DESIGN *G. W. Findley* DATE 1-7-82
 COOK CONS. INC. ENGRS.
 R.O.W. APPROVED *Robert F. Thrash* DATE 1-7-82
 ENGR. OF DESIGN - DALLAS WAT. UTILITIES
- DESIGN *G. W. Findley* DATE 4-22-82
 COOK CONS. INC. ENGRS.
 R.O.W. APPROVED *Robert F. Thrash* DATE 5-13-82
 ENGR. OF DESIGN - DALLAS WAT. UTIL.

78

WATER & SANITARY SEWER PLAN

MONTFORT OFFICE PARK
 DALLAS WATER UTILITIES DEPT.
 CITY OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
M.K.	M.K.	10/1/81	1" = 30'		411Q	1960

COOK CONSULTANTS, INC.
 ENGINEERS PLANNERS ARCHITECTS
 4815 NORTH CENTRAL EXPRESSWAY, SUITE 1000, DALLAS, TEXAS 75246-3100

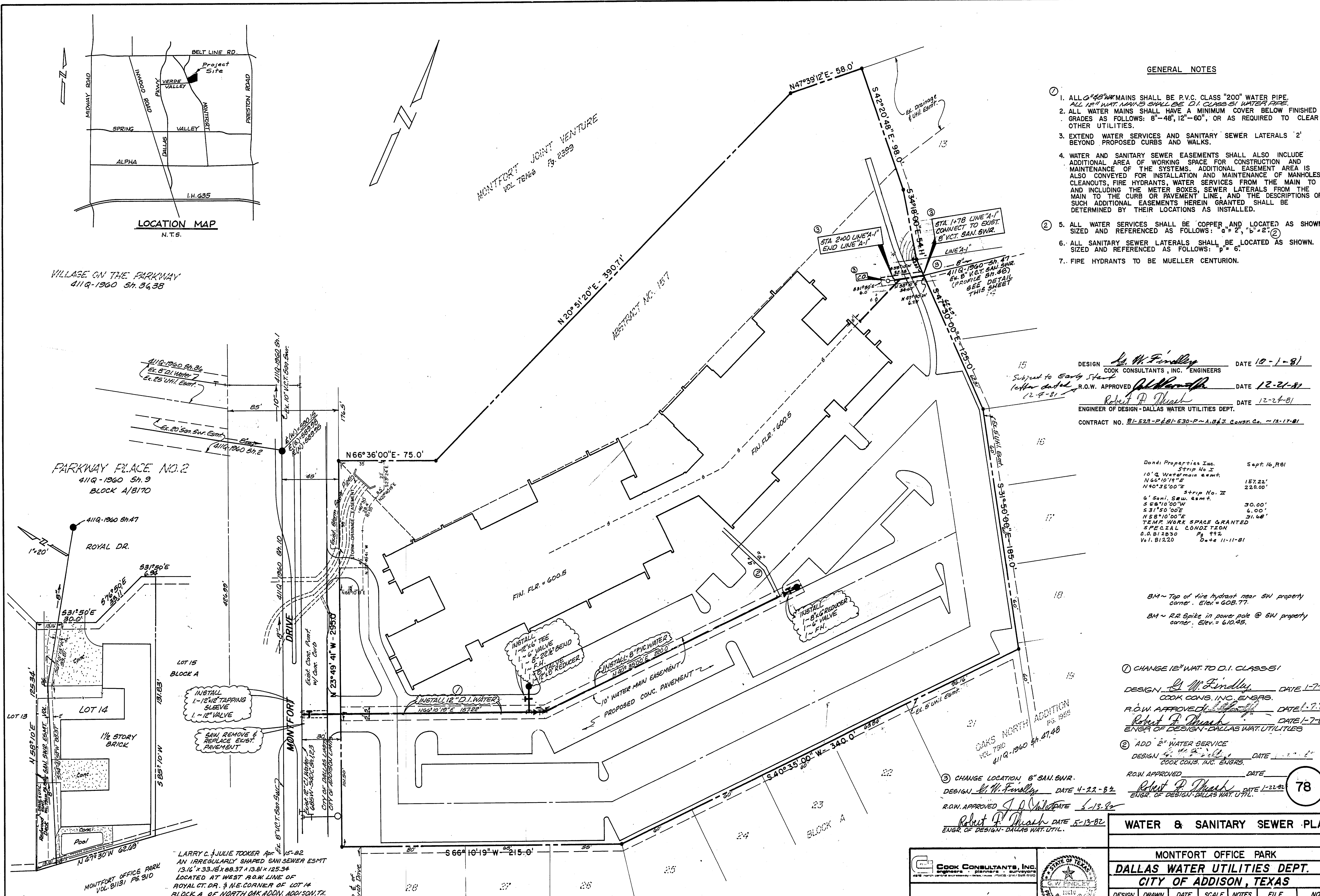
G. W. Findley
 PROJECT NO. 60293-1

LOCATION MAP
 N.T.S.

VILLAGE ON THE PARKWAY
 411Q-1960 Sh. 3638

PARKWAY PLACE NO. 2
 411Q-1960 Sh. 9
 BLOCK A/1870

LARRY C. & JULIE TOOKER Apr. 15-82
 AN IRREGULARLY SHAPED SANI SEWER ESMT
 13.16' x 33.18' x 88.37' x 13.81' x 125.34'
 LOCATED AT WEST B.O.W. LINE OF
 ROYAL CT. DR. & NE. CORNER OF LOT 14
 BLOCK A OF NORTH OAK ADDN. ADDISON, TX.
 TEMPORARY WORKING SPACE GRANTED
 C.O.



MONTFORT JOINT VENTURE
 VOL. 78126 Pg. 2329

ABSTRACT NO. 157
 N 20° 51' 20" E - 390.71'

INSTALL 12" D.I. WATER
 N66°10'19"E 157.22'

INSTALL 8" P.V.C. WATER
 N40°35'00"E 220.00'

INSTALL 1-1/2" TAPPING SLEEVE
 1-1/2" VALVE

SAW REMOVE & REPLACE EXIST. PAVEMENT

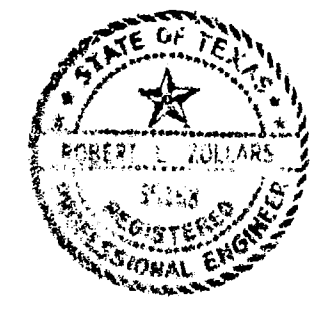
INSTALL 1-8" REDUCER
 1-6" VALVE
 1-2" P.H.

OAKS NORTH ADDITION
 VOL. 7910
 411Q-1960 Sh. 4748

CHANGE LOCATION 8" SAN. SWR.
 DESIGN *G. W. Findley* DATE 4-22-82
 COOK CONS. INC. ENGRS.
 R.O.W. APPROVED *Robert F. Thrash* DATE 5-13-82
 ENGR. OF DESIGN - DALLAS WAT. UTIL.

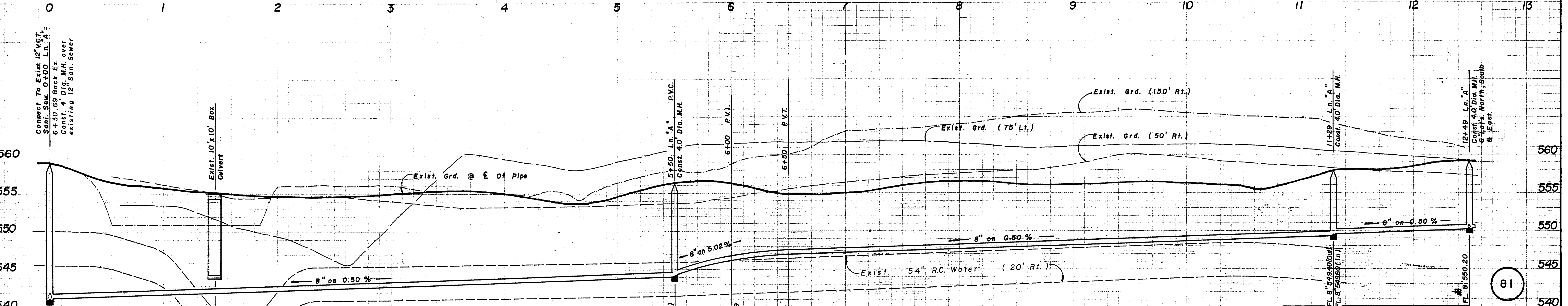
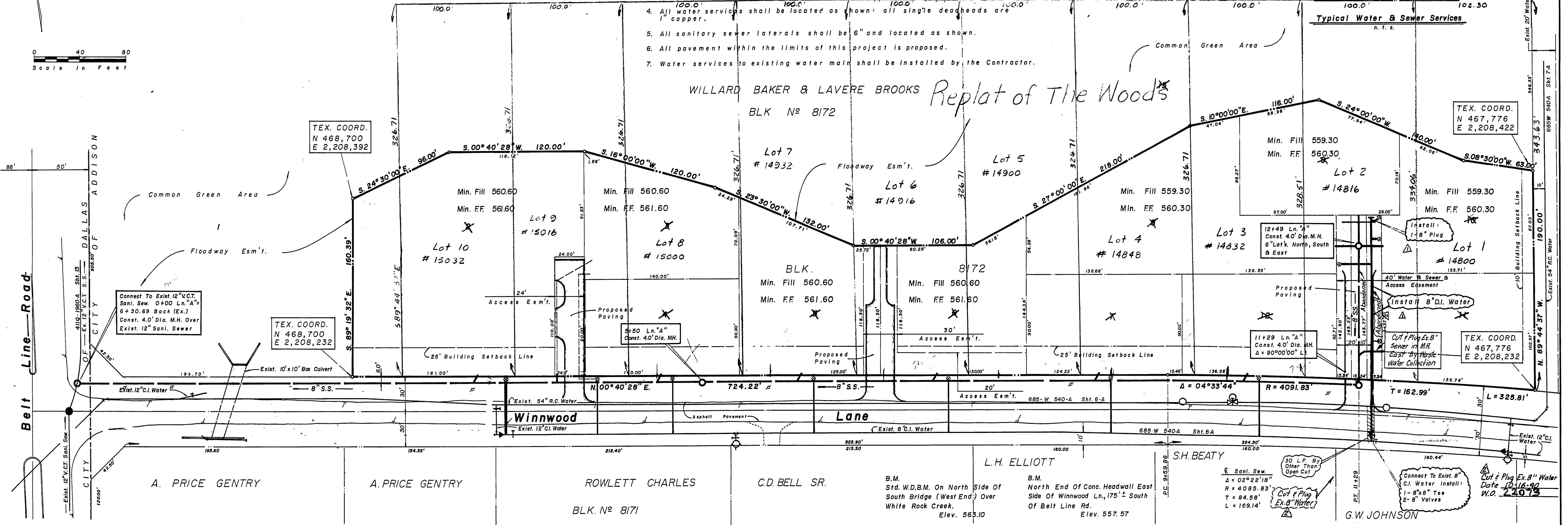
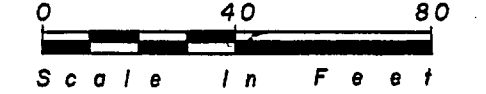
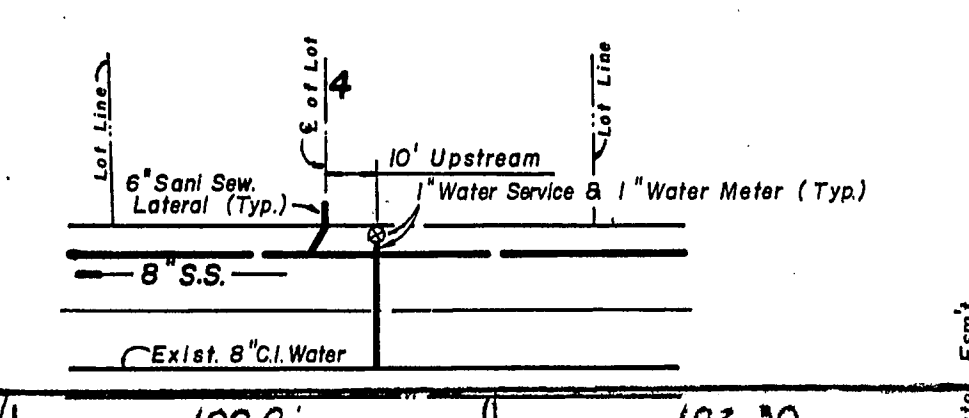
Submitted to Early Hart letter dated 3-8-82

Design By: *Paul Zellmer*
 R.O.W. Approved: *Robert F. Pharr*
 Engineer of Design - Water Utilities Dept.
 Date: 2-24-82
 Date: 4-19-82
 Date: 7-20-82
 Contract No.: 82-137P 82-138P Tax Con Utility 3-12-82
 City of Addison Franchise Area



GENERAL NOTES:

- All water mains shall be Ductile Iron Class 51 water pipe with Polyethylene wrap on pipe, fittings, and fire hydrant bases.
- Alternate - all 6" and 8" water mains shall be P.V.C. Class 200 water pipe except in fill areas and major and secondary thoroughfares, for P.V.C. Service taps 1" and larger, tapping saddle shall be used.
- All water mains shall have a minimum cover below finish grades as follows 6" and 8" - 48", 12" - 60", or as required to clear other utilities.
- All water services shall be located as shown; all single deadheads are copper.
- All sanitary sewer laterals shall be 6" and located as shown.
- All pavement within the limits of this project is proposed.
- Water services to existing water main shall be installed by the Contractor.

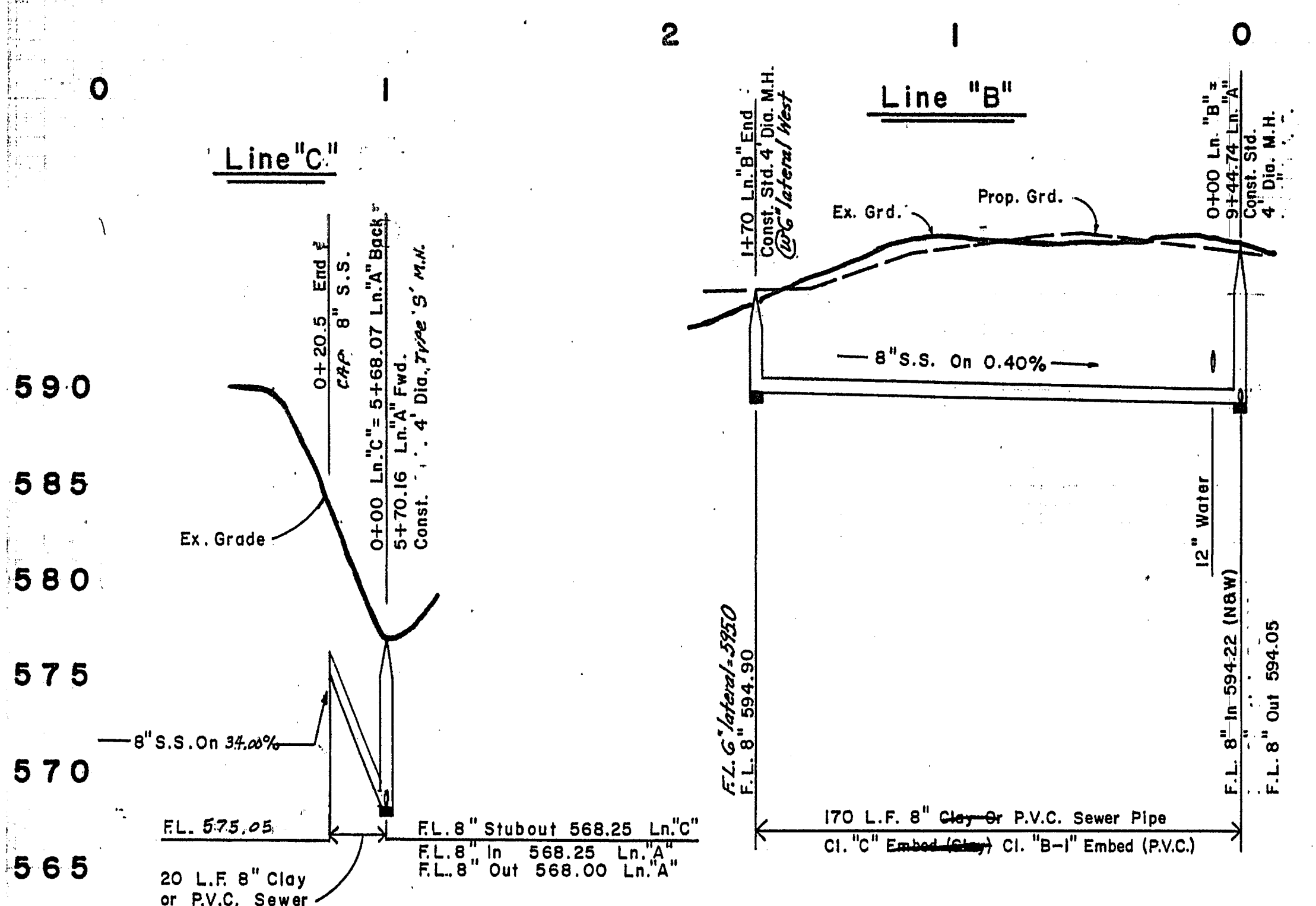
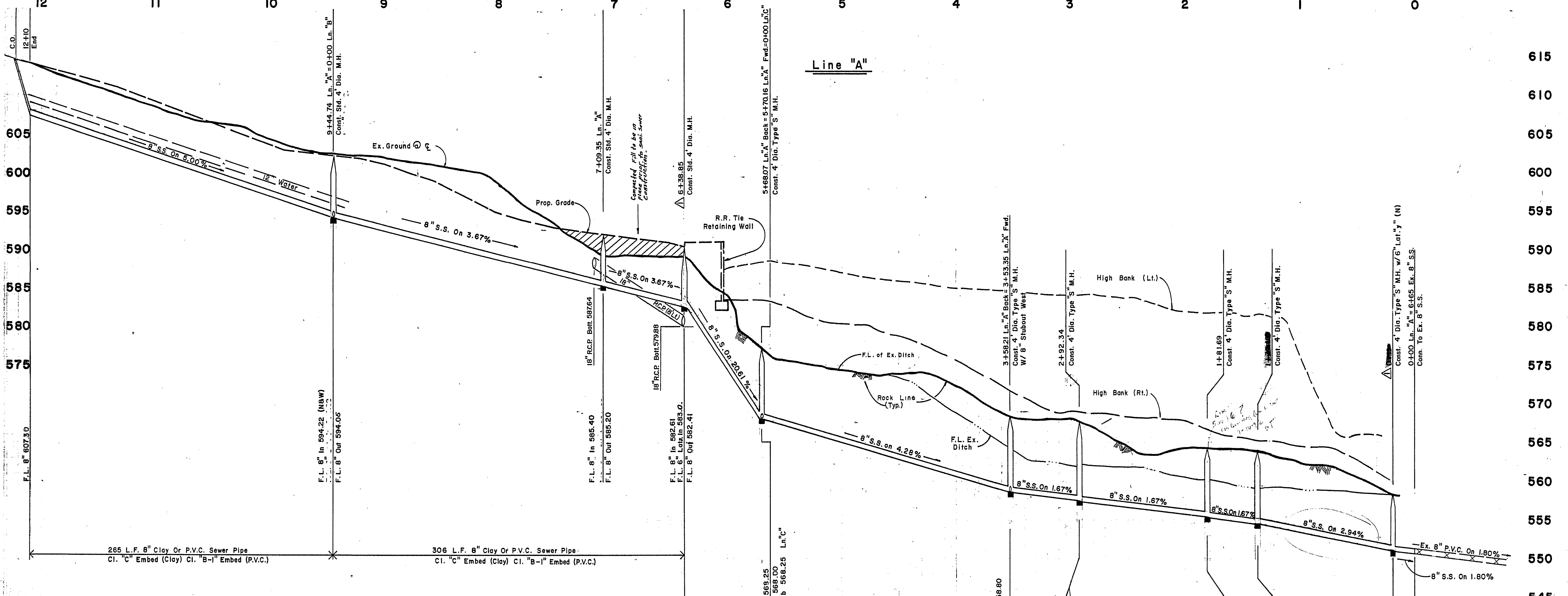


PLAN & PROFILE WATER & SANITARY SEWER OAK BEND ESTATES Willard Baker & Lavere Brooks DALLAS WATER UTILITIES DEPARTMENT CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
Hull-Zollars		Jan. '82	H: 1"=40' V: 1"=6'		411Q 1960

550 L.F. 8" or P.V.C. Sewer Pipe
 Class "B" Embedment (City)
 Class "B-2" Embedment (P.V.C.)

599 L.F. 8" or P.V.C. Sewer Pipe
 Class "B" Embedment (City)
 Class "B-2" Embedment (P.V.C.)

Revision:
 Changed proposed water main size from 6" to 8"
Paul Zellmer
 Date: 5-25-82
 Engineer of Design - Water Utilities Dept.



REVISIONS:
SAN. SEW. LN. "A" LAT. "Y" - 6" (N) @ STA. 0+19; ADDED.
SAN. SEW. LN. "A" 6" LAT. (W) & 6" LAT. (N.E.) @ STA. 6+38.95; DELETED.

DESIGN BY: *Robert L. Zyllner* DATE: 4/17/84

J. Sherrill DATE: 4/20/84

DALLAS WATER UTILITIES DEPT.

DESIGN BY: *Robert L. Zyllner* DATE: 11-3-83

A. V. Alonzo DATE: 12-29-83

DALLAS WTR. UTIL. DEPT.
CONTRACT NO. 83-331-P C.R. Feazel DATE: 001.24.1983

Bench Mark:
"D" Cut In North Headwall
At Preston Oaks & Noel.
Elev. 570.54

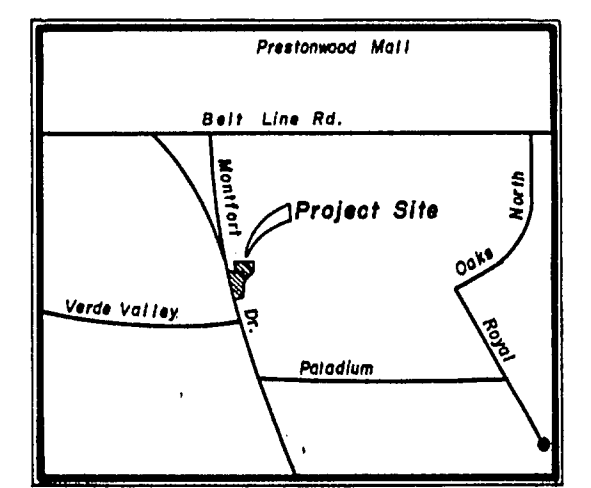
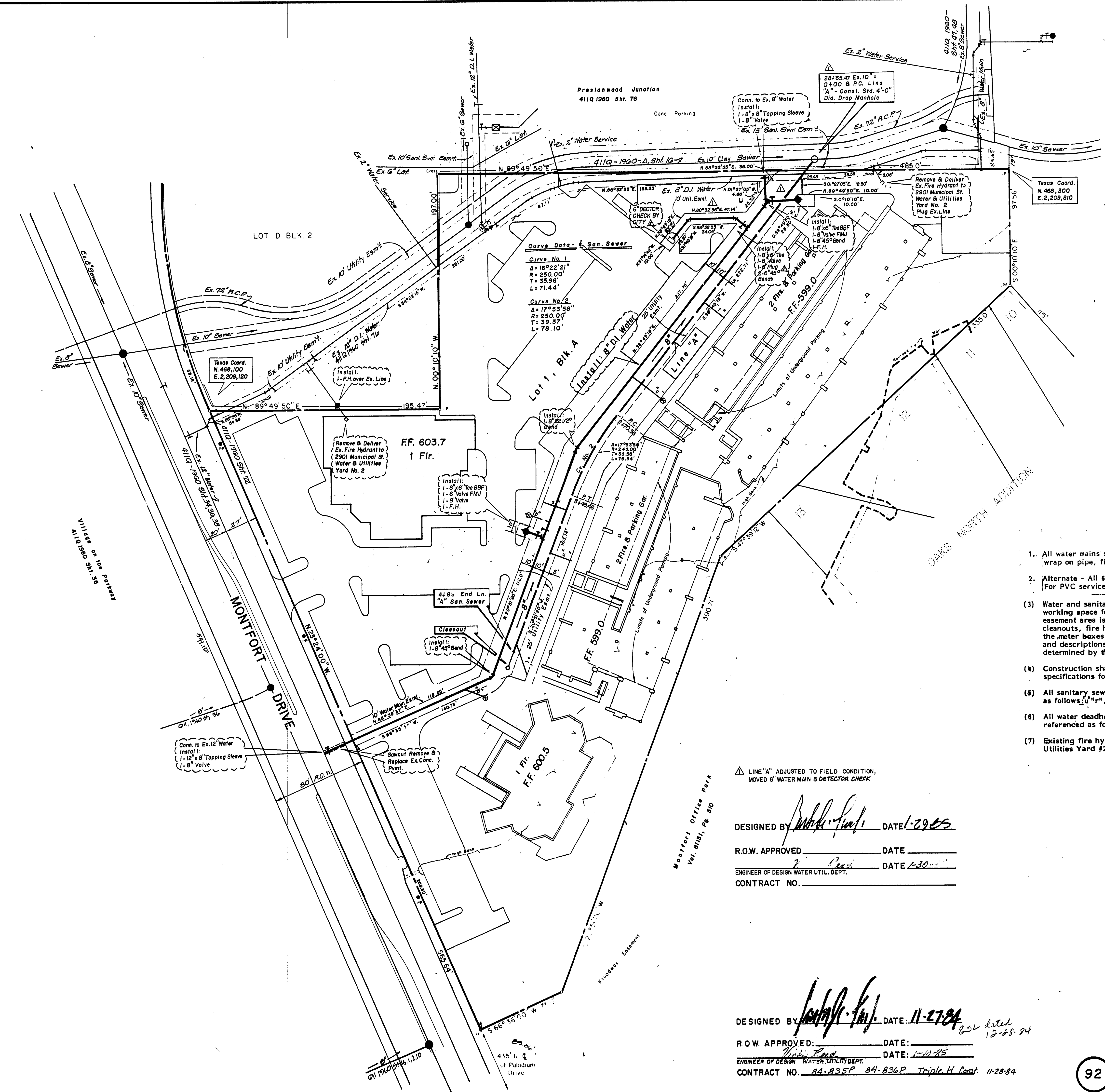
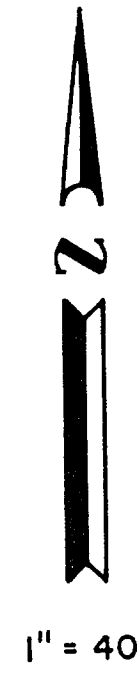
Bench Mark:
Top Of F.H. 50' North Of
The S.W. Corner Of The
Project.
Elev. 619.04

Bench Mark:
N.E. Corner Of 4'x4' Conc. Well 100'±
S.E. Of S.W. Corner.
Elev. 613.53'

60d Nail On Top Of R/R Tie Wall 100'±
Of N.E. Corner, Along N. Line.
Elev. 595.32'

90

SANI. SEWER PROFILES
14400 MONTFORT
Douglas Greene & Assoc.
DALLAS WATER UTILITIES DEPT.
CITY OF DALLAS, TEXAS



LOCATION MAP

GENERAL NOTES

1. All water mains shall be ductile Iron Class 51 water pipe with polyethylene wrap on pipe, fittings, and fire hydrant bases.
2. Alternate - All 6", 8", and 12" water mains shall be PVC Class 200 water pipe. For PVC service taps 1" and larger, tapping saddles shall be used.
3. Water and sanitary sewer easements shall also include additional area for working space for construction and maintenance of the system. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water serviced from the main to and including the meter boxes, sewer laterals from the main to the curb on pavement line and descriptions of such additional easements herein granted shall be determined by their locations as installed.
4. Construction shall be in accordance with NCTCOG standard specifications for Public Works construction.
5. All sanitary sewer laterals shall be located as shown, sized and referenced as follows: "a" = 12", "b" = 8", "c" = 6".
6. All water deadheads shall be copper and located as shown, sized and referenced as follows: "a" = 12", "b" = 8", "c" = 2".
7. Existing fire hydrants to be removed shall be delivered to Dallas Water Utilities Yard #2, 2901 Municipal.

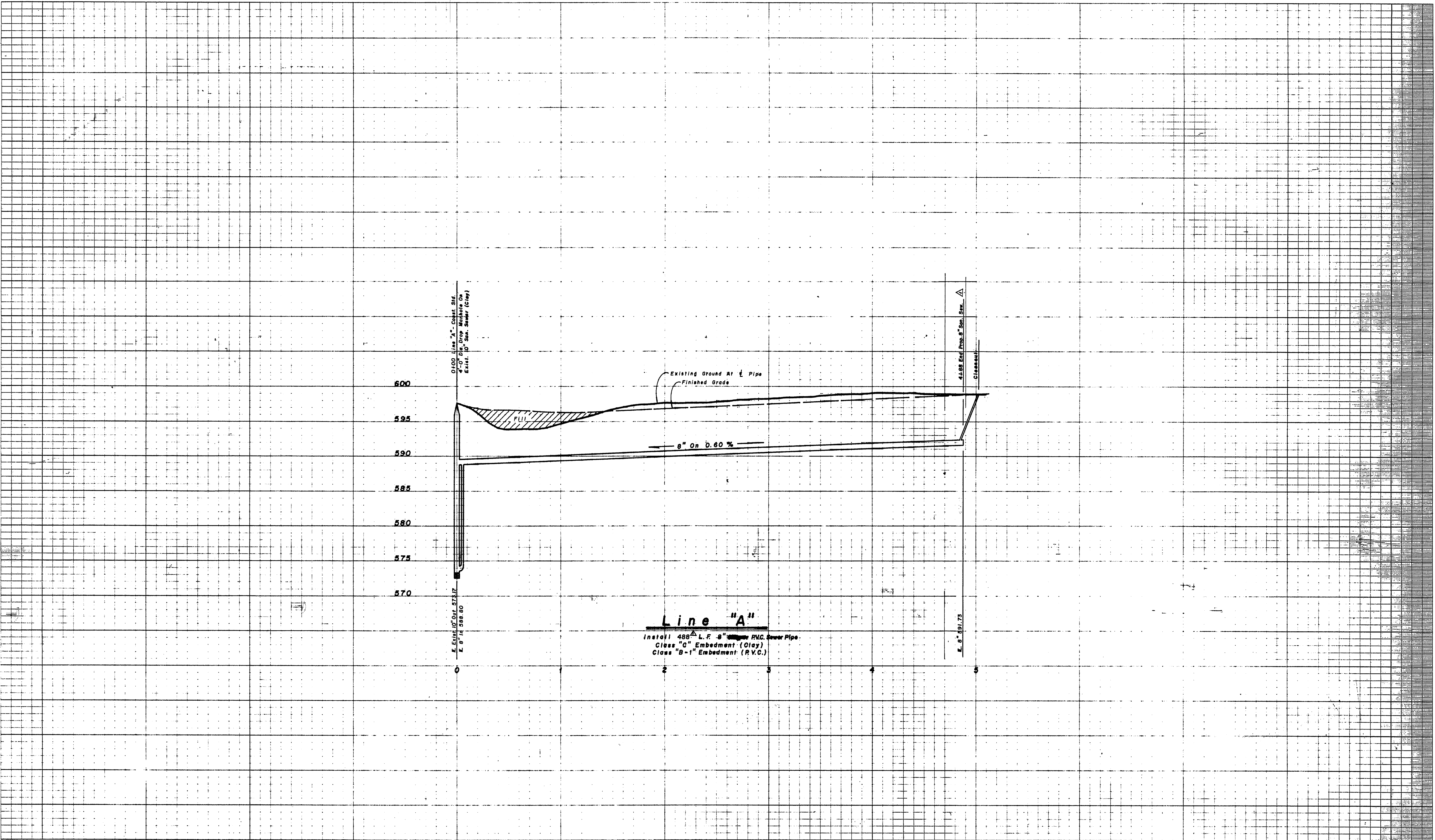
△ LINE "A" ADJUSTED TO FIELD CONDITION, MOVED 6" WATER MAIN & DETECTOR CHECK

DESIGNED BY [Signature] DATE: 1-29-85
 R.O.W. APPROVED _____ DATE _____
 ENGINEER OF DESIGN WATER UTIL. DEPT. DATE: 1-30-85
 CONTRACT NO. _____

DESIGNED BY [Signature] DATE: 11-27-84
 R.O.W. APPROVED _____ DATE: _____
 ENGINEER OF DESIGN WATER UTIL. DEPT. DATE: 1-11-85
 CONTRACT NO. 84-835P 84-836P Triple H Const 11-28-84

WATER & SEWER PLAN
PRESTONWOOD POND 2
 TREECE & COMPANY, INC.
WATER UTILITIES DEPT.
CITY OF DALLAS, TEXAS

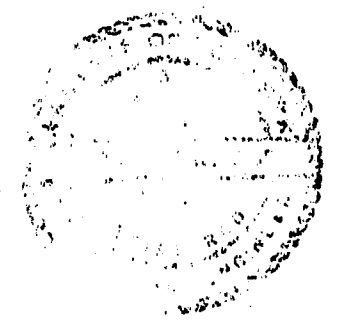
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
T. A. C.	T. A. C.	Oct. '84	1" = 40'		411Q	196C



△ LINE "A" ADJUSTED TO FIELD CONDITION
 MOVED 6" WATER MAIN 4' CHANGED 5" V.
 DESIGNED BY *[Signature]* DATE: 1-23-85
 ENGINEER OF DESIGN WATER UTIL. DEPT. DATE: 1-30-85
 CONTRACT NO. _____

Benchmark No. 1 △
 "X" cut in bonnet bolt of F.H. approx. 120' east of
 northwest property corner of Prestonwood Pond 2.
 Elevation: 601.36
 Benchmark No. 2
 R.R. Spike in Power Pole Approx. 295'
 South of Southwest Property Corner
 Elevation: 610.45

DESIGNED BY *[Signature]* DATE: 11-27-84
 ENGINEER OF DESIGN WATER UTILITIES DEPT. DATE: 1-10-85
 CONTRACT NO. *84-235P 84-236P Triple H Const. 11-28-84*



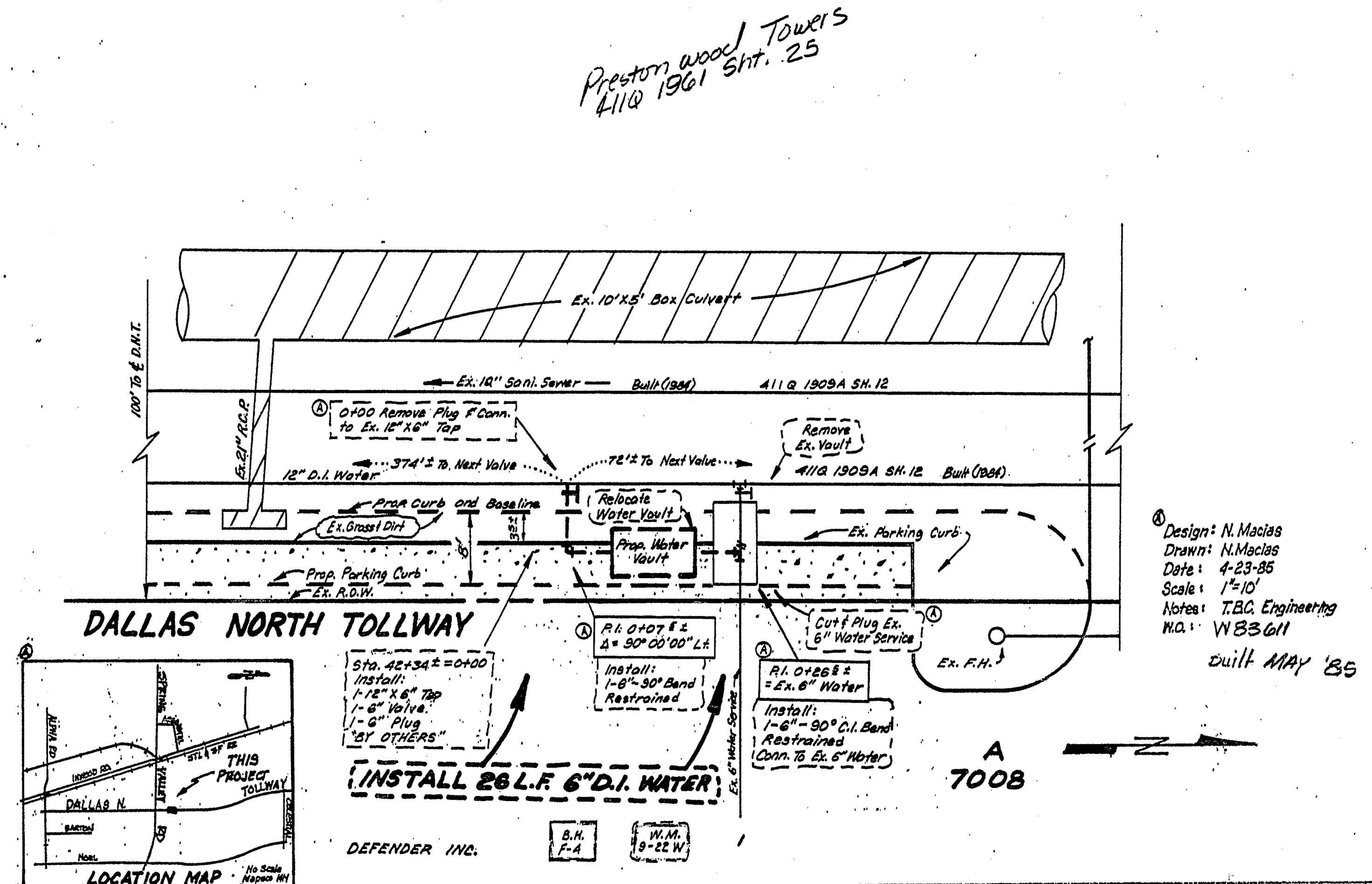
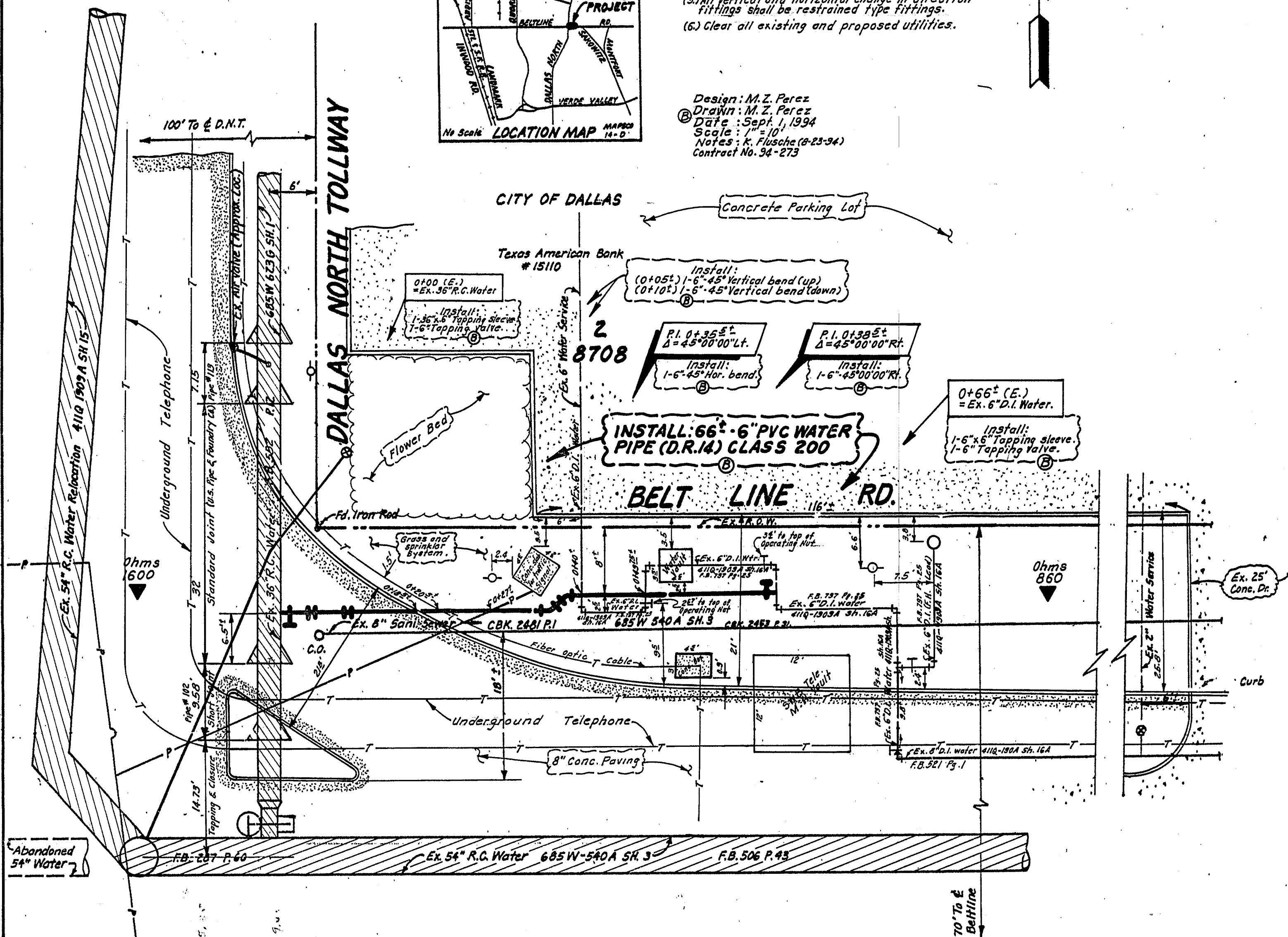
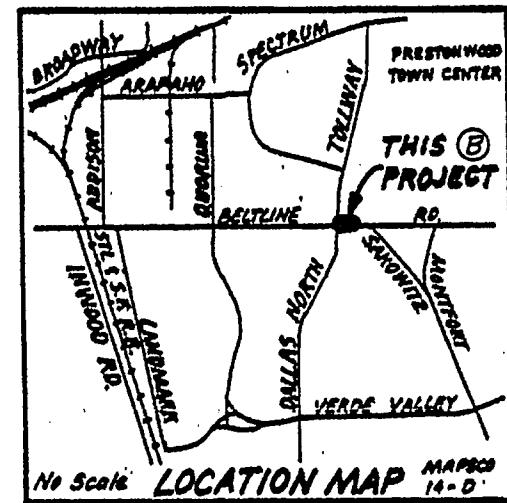
SAN. SEWER PROFILES					
PRESTONWOOD POND 2					
TREECE & COMPANY, INC.					
WATER UTILITIES DEPT. CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
T.A.C.	T.A.C.	Oct. '84	1"=40' H. 1"=6' V.		4110 1960

93

GENERAL NOTES:

- (1) All 6" & 8" water mains to be PVC D.R.14 class 200 with polyethylene wrap on fittings and fire hydrant bases.
- (2) All water mains (with no profile) shall have a minimum cover as follows: 6" & 8" - 48" below finished street grade or 60" depth in unimproved streets or as required to clear other utilities.
- (3) Soil resistivity ranges from 860 ohms to 1600 ohms.
- (4) Compact fittings are not authorized.
- (5) All vertical and horizontal change in direction fittings shall be restrained type fittings.
- (6) Clear all existing and proposed utilities.

Design: M.Z. Perez
 Drawn: M.Z. Perez
 Date: Sept. 1, 1994
 Scale: 1"=10'
 Notes: K. Flusche (8-23-94)
 Contract No. 94-273



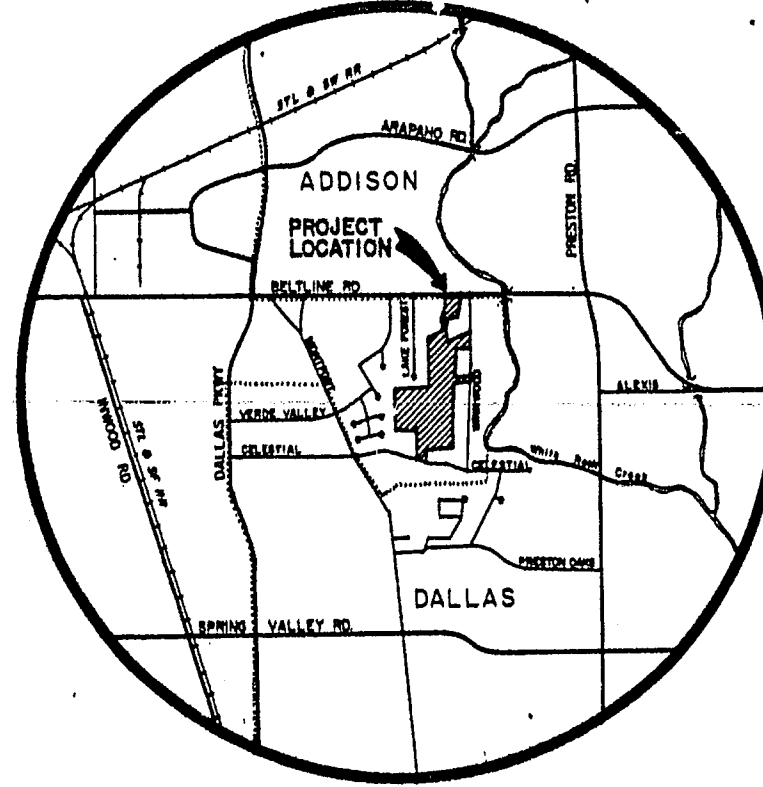
Design: N. Macias
 Drawn: N. Macias
 Date: 4-23-85
 Scale: 1"=10'
 Notes: TBC Engineering
 M.O.: W83 G11
 Built MAY '85

A 7008

**VARIOUS WATER RELOCATIONS
 IN BELT LINE ROAD
 AT DALLAS NORTH TOLLWAY
 WATER UTILITIES DEPARTMENT
 CITY OF DALLAS, TEXAS**

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
NOTED	NOTED	NOTED	1"=10'	Turner Cullen Bryson	411Q	1909A

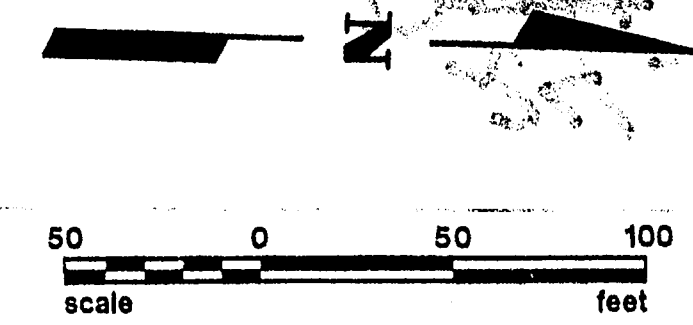
16B



VICINITY MAP
N.T.S.

SANITARY SEWER CURVE DATA

CURVE NO.	DELTA	RADIUS	LENGTH	CHORD	TANGENT
1	30°56'23"	200.00'	108.00'	106.69'	55.35'
2	23°39'32"	200.00'	82.00'	82.00'	41.89'
3	23°18'33"	720.00'	292.91'	290.90'	148.51'
4	68°53'03"	305.00'	366.69'	345.00'	209.17'
5	51°53'20"	200.00'	181.13'	175.00'	97.31'
6	42°30'27"	200.00'	148.38'	145.00'	77.79'
7	17°15'19"	320.00'	96.37'	96.01'	48.55'
8	48°05'45"	200.00'	167.89'	163.00'	89.25'
9	30°44'02"	200.00'	107.28'	106.00'	54.97'
10	10°54'10"	200.00'	38.06'	38.00'	19.09'
11	63°20'11"	200.00'	221.09'	210.00'	123.37'



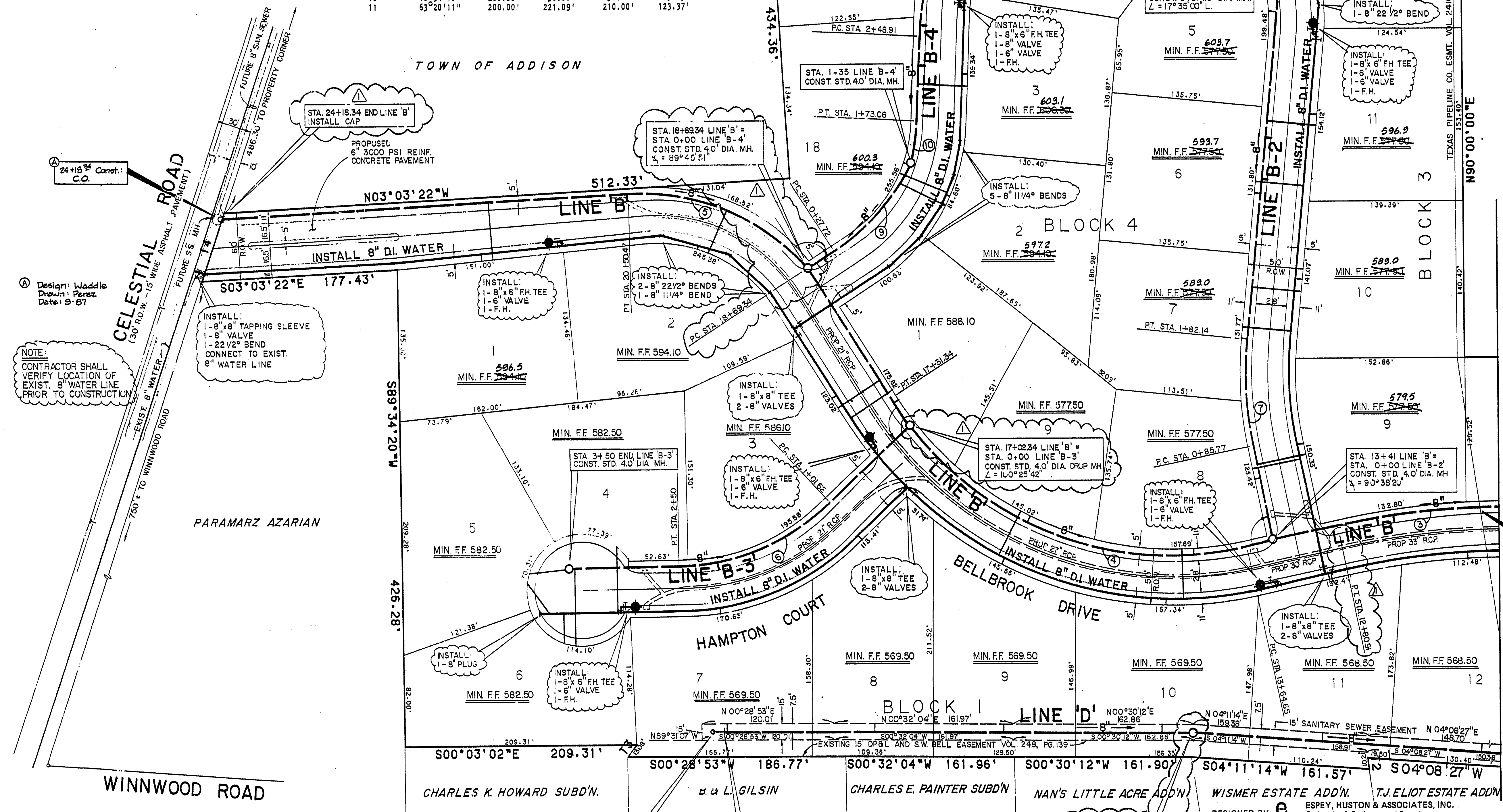
GENERAL WATER AND SANITARY SEWER NOTES

- ALL WATER MAINS SHALL BE DUCTILE IRON, CLASS 50 WATER PIPE WITH POLYETHYLENE WRAP ON PIPE, FITTINGS, AND FIRE HYDRANT BASES.
- ALTERNATE - ALL 8" WATER MAINS SHALL BE PVC CLASS 200 WATER PIPE. FOR PVC SERVICE TAPS, TAPPINGS SADDLE SHALL BE USED.
- 8" WATER MAINS SHALL HAVE A MINIMUM COVER OF 48" BELOW FINISHED STREET GRADE OR 60" DEPTH IN UNIMPROVED STREETS OR AS REQUIRED TO CLEAR OTHER UTILITIES.
- ALL WATER DEADHEADS SHALL BE 1" COPPER, LOCATED AS SHOWN, AND REFERENCED AS FOLLOWS: TOTAL 45 1" DEADHEADS.
- ALL SANITARY SEWER LATERALS SHALL BE 6", LOCATED AS SHOWN, AND REFERENCED AS FOLLOWS: TOTAL 45 6" LATERALS.
- ALL WATER AND SANITARY SEWER LATERALS SHALL BE SEPARATED BY 10 FEET (MINIMUM).
- EXTEND WATER DEADHEADS AND SANITARY SEWER LATERALS 2' BEYOND PROPOSED CURBS, UNLESS OTHERWISE SHOWN.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH NCTCOG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- BULLHEAD SERVICES AND METER WILL BE INSTALLED BY THE CITY.
- CONTRACTOR SHALL USE 5° BEVEL BEND PIPE FOR PVC SANITARY SEWER IF NEEDED; DO NOT PULL PVC PIPE.
- REFER TO SHEET 16 FOR EMBEDMENT DETAILS.

JOHN L. SHIRLEY

CAUTION!
TEXAS PIPELINE CO. CROSSING.
CONTRACTOR TO VERIFY DEPTH
IN FIELD AND ADJUST IF
NECESSARY. CONTACT MR. R. A.
DUFF AT (409) 279-2441
48 HOURS PRIOR TO CONSTRUCTION.

- BENCHMARK LIST:
- BM #1 RAILROAD SPIKE IN THE NORTH SIDE OF A POWER POLE APPROXIMATELY 620 FEET SOUTH OF BELTLINE ROAD AND 150 FEET WEST OF WINNWOOD ROAD. ELEV. 560.69
 - BM #2 RAILROAD SPIKE IN THE WEST SIDE OF A POWER POLE APPROXIMATELY 1300 FEET SOUTH OF BELTLINE ROAD AND 230 FEET WEST OF WINNWOOD ROAD. ELEV. 569.89



Design: Waddle
Drawn: Perez
Date: 9-87

NOTE:
CONTRACTOR SHALL
VERIFY LOCATION OF
EXIST. 8" WATER LINE
PRIOR TO CONSTRUCTION

- REVISIONS
- △ REVISED STATIONS ON LINE 'B' AND LINE 'B-2'
 - ⊕ REVISED STATION ON LINE 'D'

DESIGNED BY *Wade Waddle* DATE *5-31-85*
 R.O.W. APPROVED _____ DATE _____
 ENGINEER OF DESIGN *Wade Waddle* DATE *6-11-85*
 CONTRACT NO. _____ DATE _____

DESIGNED BY *Wade Waddle* DATE *4-24-85*
 R.O.W. APPROVED _____ DATE _____
 ENGINEER OF DESIGN *Wade Waddle* DATE *5-6-85*
 CONTRACT NO. *85-332-P ~ MIDWEST BRIDGE CORP.* DATE *4-22-85*



96

WATER & SANITARY SEWER PLAN
BELLBROOK ESTATES
 SHARIF · MUNIR · DAVIDSON DEVELOPMENT CORP.
WATER UTILITIES DEPARTMENT
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
D.M.B.	O.R.D.	DEC. 1984	1" = 50'			411Q 1960

JOHN L. SHIRLEY

JOHN L. SHIRLEY

JOHNSON ELECTRIC

BERNARD ROULER

JOHN P. KOKKE

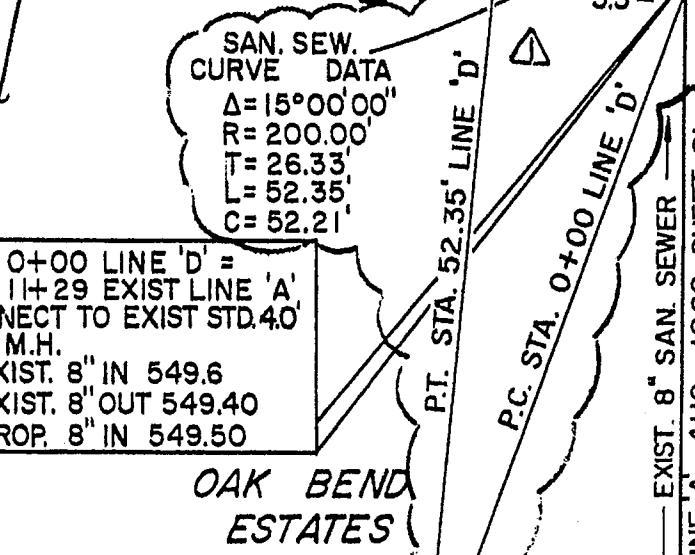
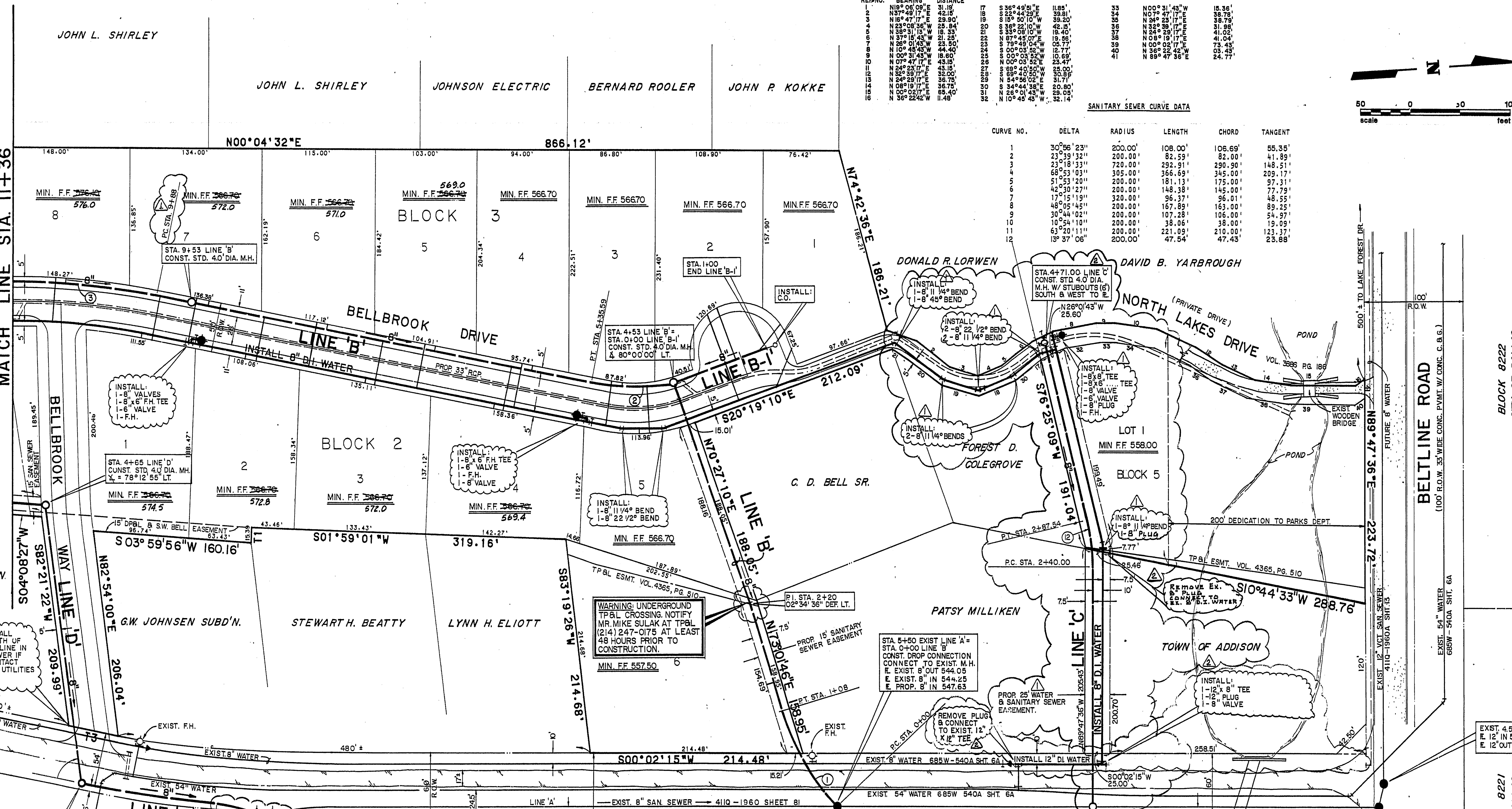
REP. NO.	BEARING	DISTANCE	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	N89°06'09"E	31.18'	S36°49'11"E	11.85'	33	N00°31'45"W	15.36'											
2	N37°49'17"E	42.15'	S22°44'29"E	38.81'	34	N07°47'17"E	38.78'											
3	N19°47'17"E	29.90'	S18°30'16"W	39.20'	35	N28°23'17"E	31.98'											
4	N23°08'16"W	28.84'	S22°08'16"W	30.95'	36	N32°38'17"E	31.98'											
5	N38°31'13"W	18.33'	S35°08'10"W	19.40'	37	N28°29'17"E	41.02'											
6	N37°18'45"W	21.25'	S25°45'07"W	19.56'	38	N08°19'17"E	41.04'											
7	N28°01'45"W	23.50'	S25°45'07"W	23.50'	39	N00°03'17"E	73.43'											
8	N10°48'45"W	44.40'	S00°03'52"E	12.77'	40	N38°22'42"W	03.49'											
9	N00°51'45"W	18.60'	S00°03'52"E	10.65'	41	N89°47'36"E	24.77'											
10	N07°47'17"E	43.15'	S00°03'52"E	23.41'														
11	N28°23'17"E	43.15'	S69°40'50"E	23.00'														
12	N32°38'17"E	32.00'	S69°40'50"E	23.00'														
13	N24°29'17"E	36.75'	S54°56'02"E	31.71'														
14	N08°19'17"E	36.75'	S34°44'38"E	20.80'														
15	N00°03'17"E	68.40'	S28°03'17"E	28.40'														
16	N36°22'42"W	11.48'	S00°45'45"W	32.14'														

SANITARY SEWER CURVE DATA

CURVE NO.	DELTA	RADIUS	LENGTH	CHORD	TANGENT
1	30°56'23"	200.00'	108.00'	106.69'	55.35'
2	23°39'32"	200.00'	82.59'	82.00'	41.89'
3	23°18'33"	720.00'	292.91'	290.90'	148.51'
4	68°53'03"	305.00'	366.69'	345.00'	209.17'
5	51°53'20"	200.00'	181.13'	175.00'	97.31'
6	42°30'27"	200.00'	148.38'	145.00'	77.79'
7	17°15'19"	320.00'	96.37'	96.01'	48.55'
8	48°05'45"	200.00'	167.89'	163.00'	89.25'
9	30°04'02"	200.00'	107.28'	106.00'	54.97'
10	10°04'10"	200.00'	38.00'	38.00'	19.09'
11	63°20'11"	200.00'	210.09'	210.00'	123.37'
12	15°37'06"	200.00'	47.54'	47.43'	23.68'



(SEE SHEET 9)
MATCH LINE STA. 11+36



GENERAL WATER AND SANITARY SEWER NOTES

1. ALL WATER MAINS SHALL BE DUCTILE IRON CLASS 51 WATER PIPE WITH POLYETHYLENE WRAP ON PIPE, FITTINGS, AND FIRE HYDRANT BASES.
2. ALTERNATE - ALL 8" WATER MAINS SHALL BE PVC CLASS 200 WATER PIPE. FOR PVC SERVICE TAPS, TAPPINGS SADDLE SHALL BE USED.
3. 8" WATER MAINS SHALL HAVE A MINIMUM COVER OF 48" BELOW FINISHED STREET GRADE OR 60" DEPTH IN UNIMPROVED STREETS OR AS REQUIRED TO CLEAR OTHER UTILITIES.
4. ALL WATER DEADHEADS SHALL BE 1" COPPER, LOCATED AS SHOWN, AND REFERENCED AS FOLLOWS: TOTAL 45 1" DEADHEADS.
5. ALL SANITARY SEWER LATERALS SHALL BE 6", LOCATED AS SHOWN, AND REFERENCED AS FOLLOWS: TOTAL 45 6" LATERALS.
6. ALL WATER AND SANITARY SEWER LATERALS SHALL BE SEPARATED BY 10 FEET (MINIMUM).
7. EXTEND WATER DEADHEADS AND SANITARY SEWER LATERALS 2' BEYOND PROPOSED CURBS, UNLESS OTHERWISE SHOWN.
8. CONSTRUCTION SHALL BE IN ACCORDANCE WITH NCTCOG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
9. BULLHEAD SERVICES AND METER WILL BE INSTALLED BY THE CITY.
10. CONTRACTOR SHALL USE 5° BEVEL BEND PIPE FOR PVC SANITARY SEWER IF NEEDED; DO NOT PULL PVC PIPE.
11. REFER TO SHEET 16 FOR EMBEDMENT DETAILS.

- BENCHMARK LIST:
- BM #1 RAILROAD SPIKE IN THE NORTH SIDE OF A POWER POLE APPROXIMATELY 520 FEET SOUTH OF BELTLINE ROAD AND 150 FEET WEST OF WINNWOOD ROAD. ELEV. 560.69
 - BM #2 RAILROAD SPIKE IN THE WEST SIDE OF A POWER POLE APPROXIMATELY 1300 FEET SOUTH OF BELTLINE ROAD AND 230 FEET WEST OF WINNWOOD ROAD. ELEV. 569.89

REVISIONS

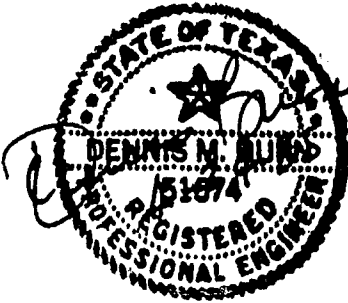
DESIGNED BY: *Denis Brown* DATE: 5-23-85

R.O.W. APPROVED: _____ DATE: _____

ENGINEER OF DESIGN: *Vicki Reed* DATE: 6-12-85

CONTRACT NO.: _____ DATE: _____

MOVE PROPOSED FIRE HYDRANT TO THE WEST. LOOPEd WATERLINE IN NORTH LAKES DRIVE. REMOVED WATERLINE PARALLEL TO LINE B. REVISED STA. 9+88 LINE B.



DESIGNED BY: *eh* ESPEY, HUSTON & ASSOCIATES, INC.
Engineering & Environmental Consultants
333 W. Campbell Rd. Richardson, Texas 75080
(214) 889-9600

Denis Brown P.E. DATE: 4-24-85

R.O.W. APPROVED: _____ DATE: _____

ENGINEER OF DESIGN: *Vicki Reed* DATE: 5-6-85

CONTRACT NO.: 85-310 85-332 BRIDGE 1-85

WATER & SANITARY SEWER PLAN					
BELLBROOK ESTATES					
SHARIF · MUNIR · DAVIDSON DEVELOPMENT CORP.					
WATER UTILITIES DEPARTMENT					
CITY OF DALLAS, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE
D.M.B.	L.A.H.	DEC. 84	1"=50'		411Q 1960

Armstrong Add.
410 1960A St. 11
685W 540D St. 1.

ABSTRACT No. 157

ABSTRACT No. 157
E 157-577

CONTRACT NO. 63-84
BLK.-8171

WINNWOOD

INSTALL: 12" C.I. WATER
(INGE ROAD No. 432)

ROAD

INSTALL: 8" C.I. WATER
CELESTIAL ROAD NO. 63

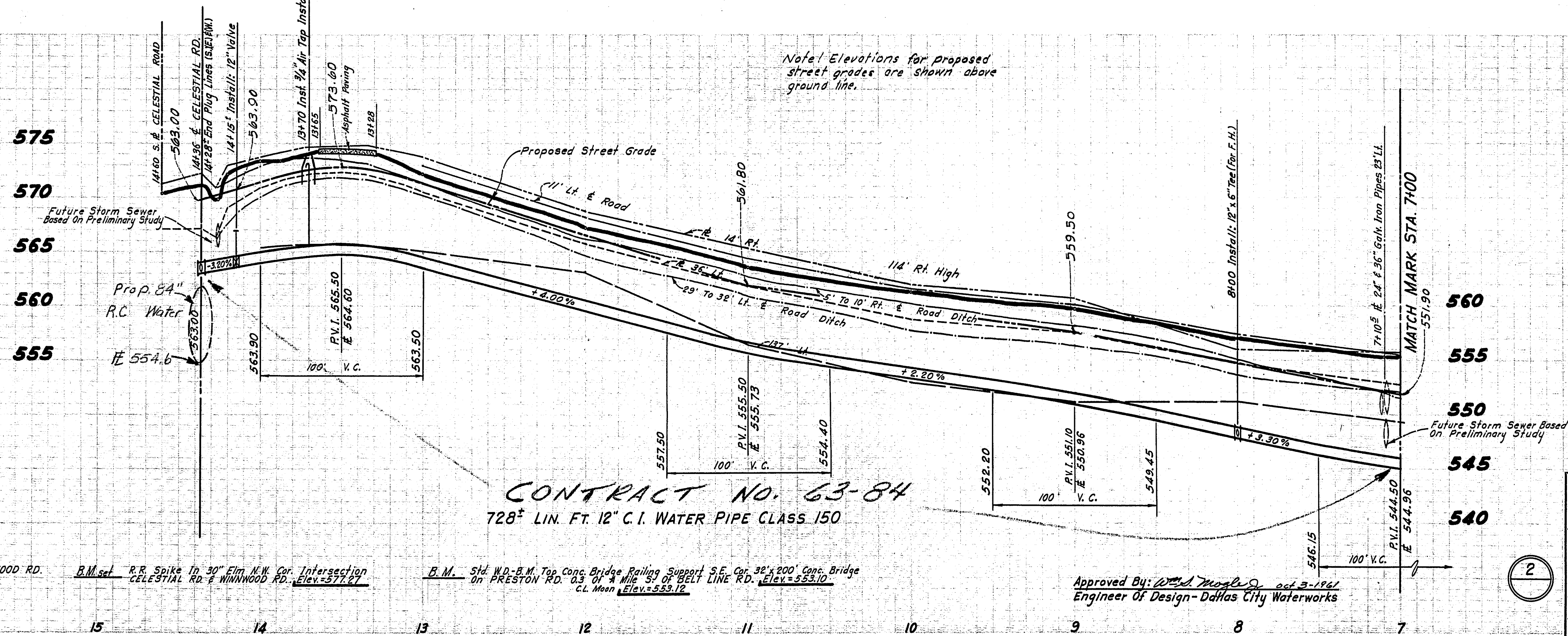
14+28 Install:
1-12" x 8" Cross
1-12" Valve
1-12" Plug (E.W.)
2-8" Plugs (E.W.)
Inst. 52' of
8" C.I. Water Pipe

13+70" Installation
3/4" Air Top Installation
As Per Appurt. Sht. 414D-11

1-5-F
BRICK
75'

ABSTRACT No. 157
E 157-577

Cont. No.
63-84



12" C.I. WATER MAIN						
IN WINNWOOD RD.						
FROM BELT LINE RD. TO CELESTIAL RD.						
DALLAS CITY WATERWORKS						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
C.L. Moon Engrs	R.J.	July '61	H: 1" = 40' V: 1" = 6'	C.L. Moon	685-W540-B	