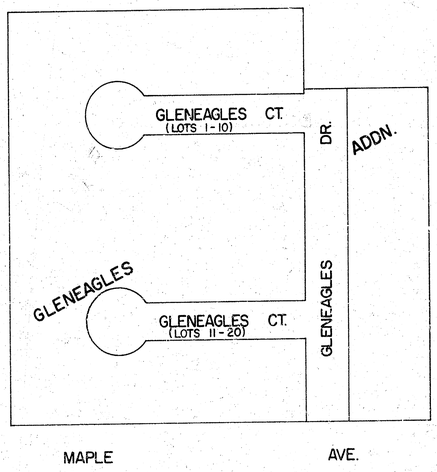
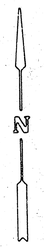
STREETS IN GLENEAGLES ADDITION

GLENEAGLES DR: N. L. MAPLE AVE. TO N. L. LOT 1, BLK. 2, GLENEAGLES ADDN.
GLENEAGLES CT. FOR LOTS 1-10: W. L. GLENEAGLES DR. TO & INCLD. CUL-DE-SAC.
GLENEAGLES CT. FOR LOTS 11-20: W. L. GLENEAGLES DR. TO & INCLD. CUL-DE-SAC.

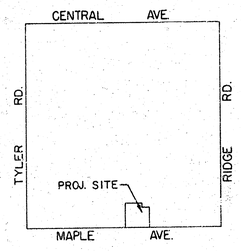
CITY OF WICHITA, KS.
R. W. LINN-CITY ENGINEER
PROJ. NO. 472 76 245 80728 000 000 001
DATE:





GENERAL NOTES

1. FIELD ENGINEER TO TAKE TIES TO ALL IRONS. ANY IRONS REMOVED OR DISTURBED ARE TO BE REPLACED.
2. CONTRACTOR TO CONTACT UTILITIES FOR LOCATION OF UNDERGROUND LINES.
3. CONTRACTOR TO GRADE DITCH ON NORTH SIDE MAPLE WEST OF GLENEAGLES DR. AS DIRECTED BY FIELD ENGINEER TO INSURE DRAINAGE.
4. WORK ON C.M.P.A. CROSSING UNDER MAPLE STREET TO BE SCHEDULED SO THAT TRAFFIC WILL BE MAINTAINED AT ALL TIMES.



LOCATION MAP

MANIPULATION

PROPERTY	4460 S.Y.
CITY	536 S.Y.
TOTAL	4,996 S.Y.

EARTHWORK

	PROPERTY EXCAV.	PROPERTY COMP. FILL	CITY EXCAV.
X-SECTIONS	2031.0 C.Y.	2.6 C.Y.	192.4 C.Y.
10%	203.1 C.Y.	0.3 C.Y.	19.2 C.Y.
TOTAL	2,234.1 C.Y.	2.9 C.Y.	211.6 C.Y.

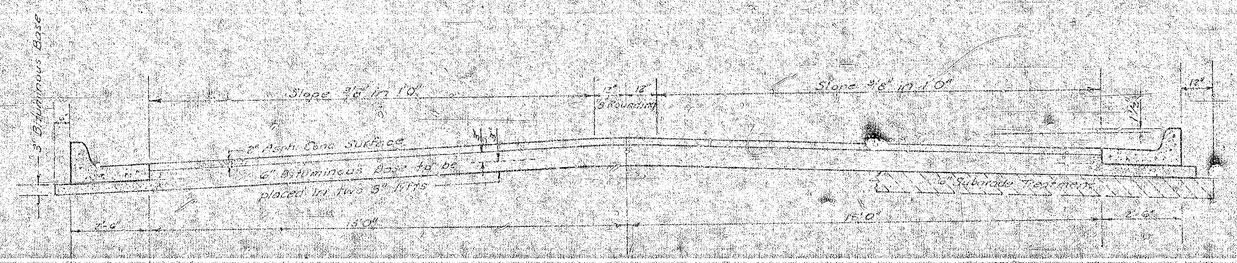
STEPHEN R. LACKEY 7714 REGISTERED PROFESSIONAL ENGINEER

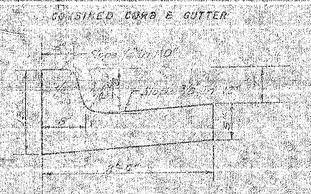
1/6

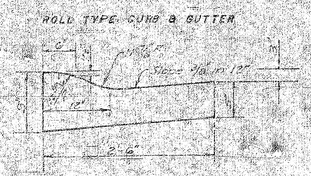
24

GLENEAGLES DR.

N. L. MAPLE AVE. TO N. L. LOT 1, BLK. 2, GLENEAGLES ADDN.







TYPICAL SECTION

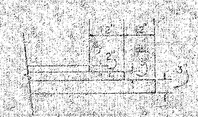
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

The A.C. Pavement between the combined gutter shall be paid as Sq.yds. 3" A.C. Pavement (6" Bituminous Base).
The Bituminous Base under the combined gutter shall be paid as Sq.yds. 3" Bituminous Base.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division

R. W. LINN CITY ENGINEER

DATE _____ Proj. No.

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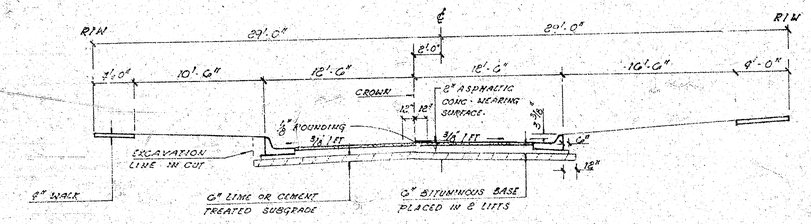
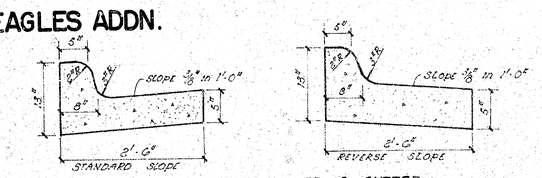
GLENEAGLES CT. FOR LOTS 1-10, BLK. 1, GLENEAGLES ADDN.
GLENEAGLES CT. FOR LOTS 11-20, BLK. 1, GLENEAGLES ADDN.

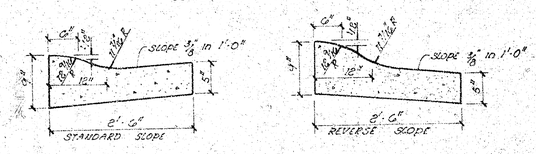
W. L. GLENEAGLES DR. TO & INCLD. CUL-DE-SAC



TYPICAL 25' B-B SECTION

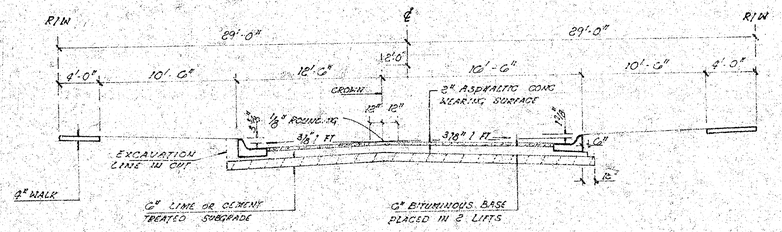


COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER

TYPICAL RESIDENTAL SECTIONS FOR CROWN OFFSET - 58' R/W



TYPICAL 29' B-B SECTION
W/ PARKING ON ONE SIDE

GENERAL NOTES

1. A TACK COAT OF EMULSIFIED ASPHALT (SS - 1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQUARE YARD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

   BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1 FOOT WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

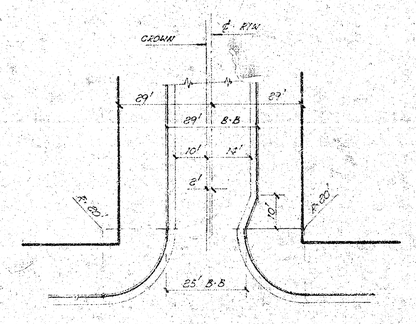
2. THE A.C. PAVEMENT BETWEEN COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS 8" A.C. PAVEMENT (6" BITUMINOUS BASE). THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS 7" BITUMINOUS BASE.

3. SIDEWALKS INDICATED ON THE TYPICAL SECTION ARE FOR LOCATION ON THAT SECTION. SIDEWALKS SHALL NOT BE CONSTRUCTED ON THIS PROJECT.

4. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10'.

5. INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2' - 6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN ½" OR MORE THAN 3/8" IN DIAMETER.

6. TRANSITION CURB SHALL BE PAID AS ROLL-TYPE COMB. CURB AND GUTTER.



PLAN VIEW (TYPICAL)

CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS — ENGINEERING

R. W. LINN CITY ENGINEER

DATE: PROJ No.

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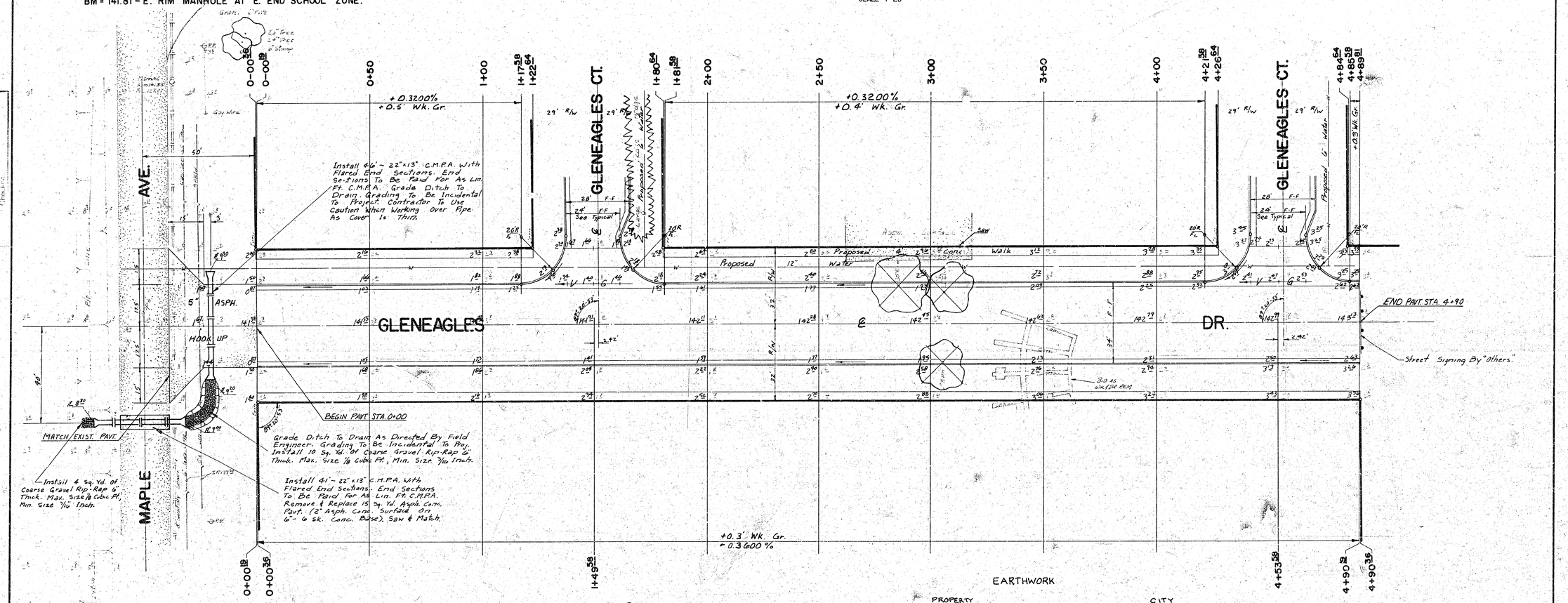
BM = 141.10 - CITY STD., WOODCHUCK & MAPLE, 52' S. & 32' W. ℄ BOTH.
BM = 141.66 - CITY STD., RIDGE ROAD & MAPLE, 34' E. & 42' S. ℄ BOTH.
BM = 141.81 - E. RIM MANHOLE AT E. END SCHOOL ZONE.



℄ IS ℄ GLENEAGLES DR.

Note: Trees to be removed are marked thus except that any tree marked for removal which in the opinion of the Engineer can be saved, shall be spared.

SUB GRADE
TYPE OF SUB-
TERMINUS
TREATMENT
CEMENT
TICKNESS

EARTHWORK

	PROPERTY EXCAV.	PROPERTY COMP FILL	CITY EXCAV.
X-SECTION	610.2 C.Y.	2.6 C.Y.	192.4 C.Y.
10%	61.0 C.Y.	.3 C.Y.	19.2 C.Y.
TOTAL	671.2 C.Y.	2.9 C.Y.	211.6 C.Y.

GLENEAGLES DR.
N. L. MAPLE AVE TO N. L. LOT 1, BLK. 2, GLENEAGLES Ar
PROJ. NO. 472 76 245 80728 000 000 001

4/6

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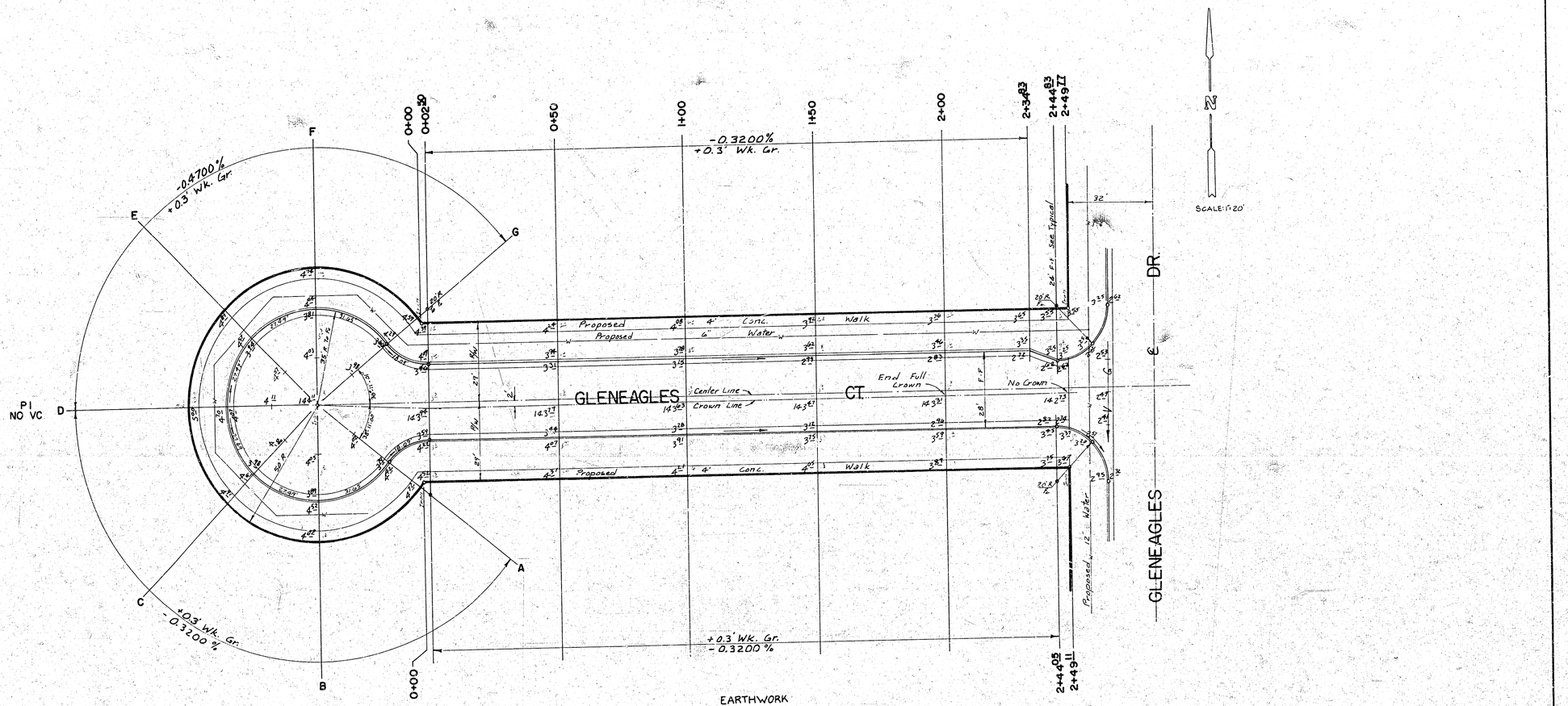

EARTHWORK

	PROPERTY EXCAV.	COMP. FILL
X-SECTION	254.8 C.Y.	2.6 C.Y.
10%	25.5 C.Y.	.3 C.Y.
TOTAL	280.3 C.Y.	2.9 C.Y.

SUB-GRADE

ENTIRE SUBGRADE OF ROADWAY SHALL BE DETERMINED BY FIELD INSPECTION AND SHALL BE TREATED BY COMPACTION OF EXISTING MATERIAL, CEMENT, LIME, GRAVEL, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

GLENEAGLES CT. FOR LOTS 1-10, BLK. 1, GLENEAGLES ADDITION

W. L. GLENEAGLES TO & INCLD. CUL-DE-SAC

PROJ. NO. 472 76 245 80728 000 000 001

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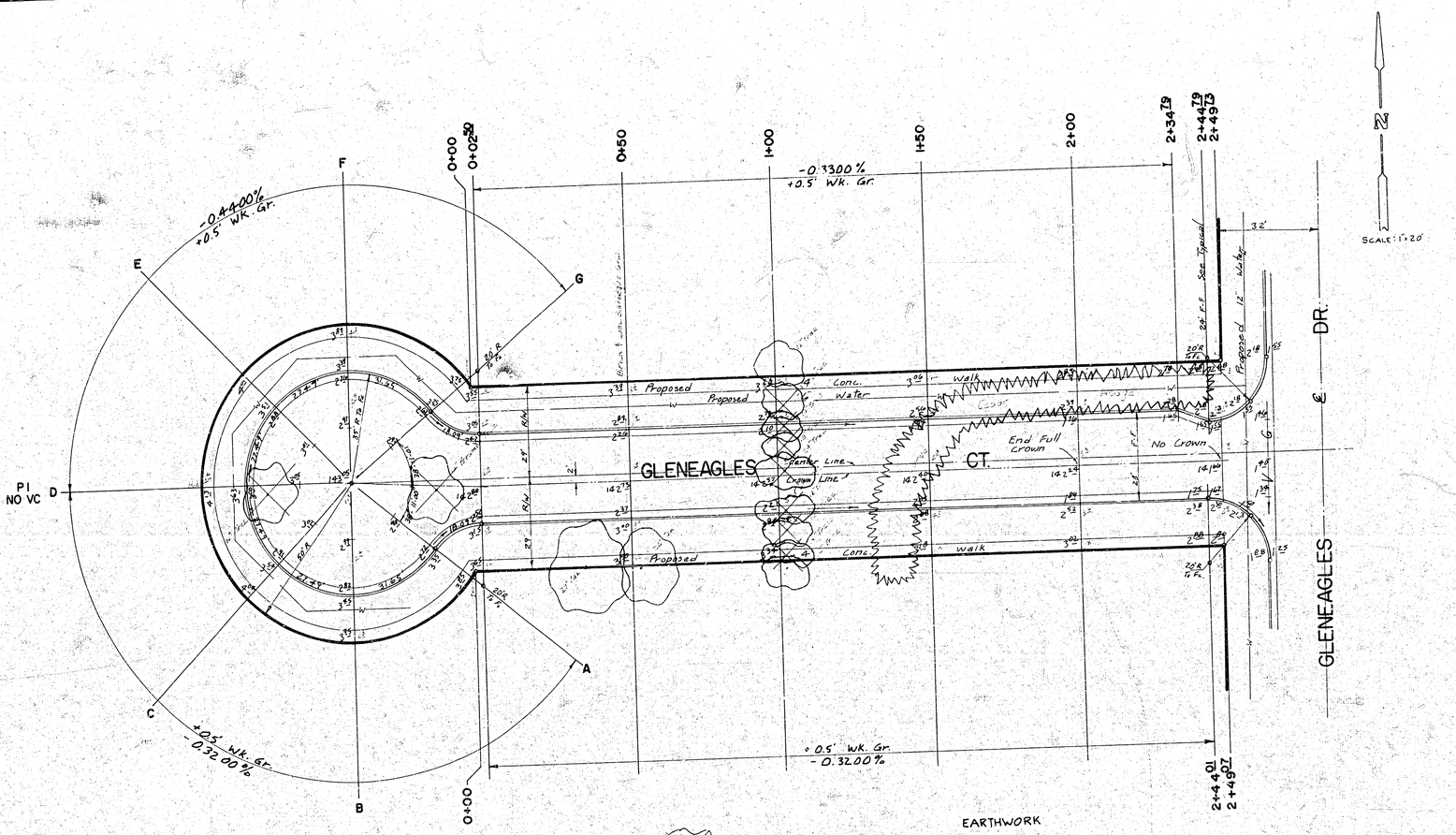

℄ IS ℄ GLENEAGLES CT.

Note: Trees to be removed are marked thus, except that any tree marked for removal which in the opinion of the Engineer can be saved, shall be spared.

EARTHWORK

PROPERTY	EXCAV.
X-SECTION	1,166.0 C.Y.
10%	116.6 C.Y.
TOTAL	1,282.6 C.Y.

TYPE OF SUB[illegible] SHALL BE DETERMINED BY [illegible] SUB-GRADE TREATMENT [illegible] TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

GLENEAGLES CT. FOR LOTS 11-20, BLK. 1, GLENEAGLES ADDITION

W. L. GLENEAGLES TO & INCLD. CUL-DE-SAC

PROJ. NO. 472 76 245 80728 000 000 001

6/6

24