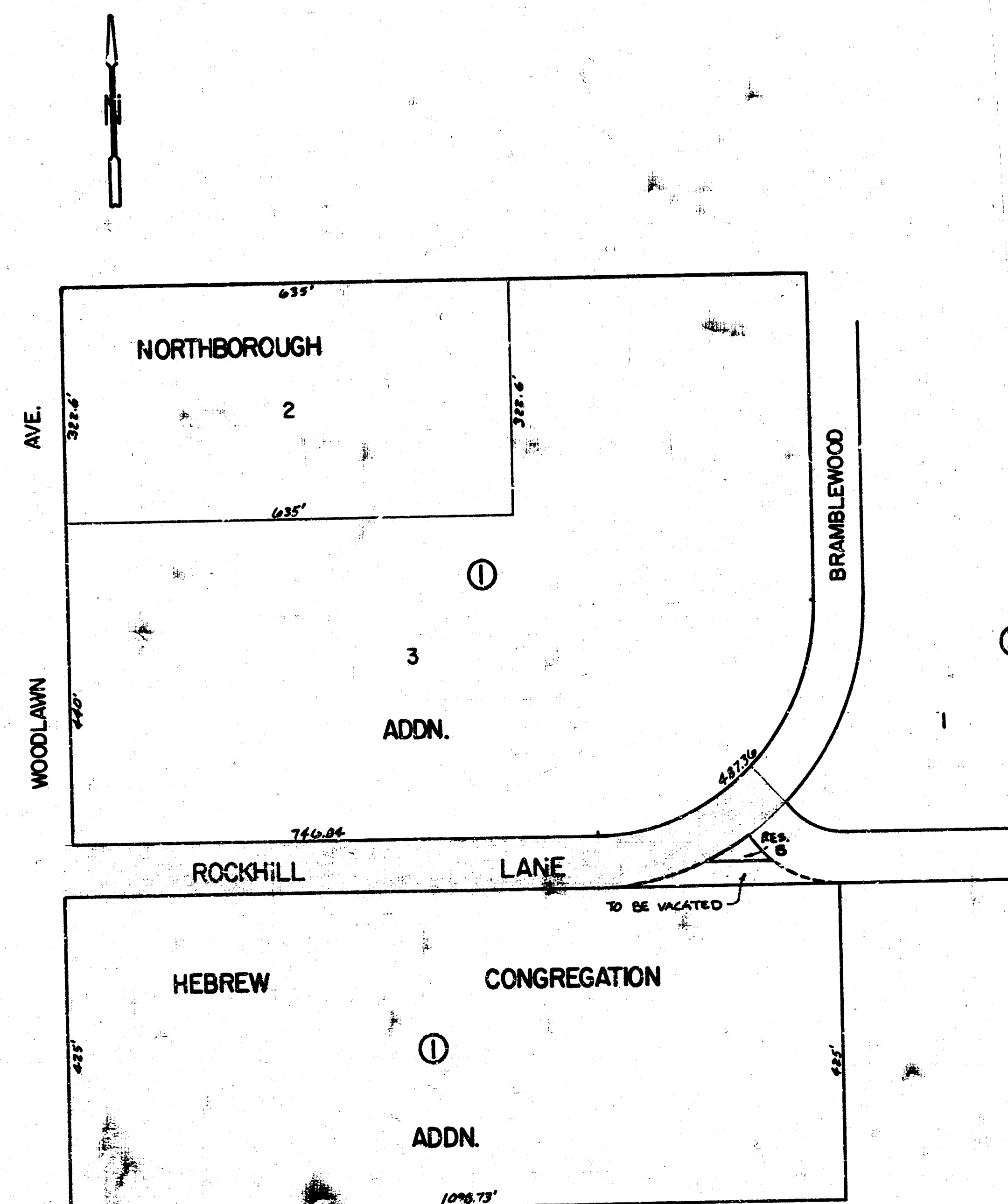
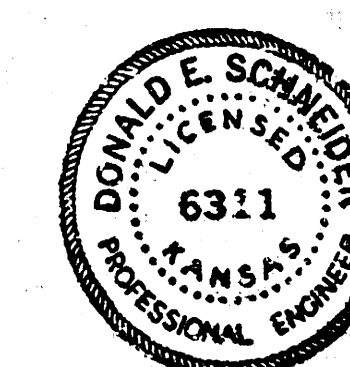


E. L. WOODLAWN TO S. L. LT. 1, BLK. 3 NORTHBOROUGH ADDN.



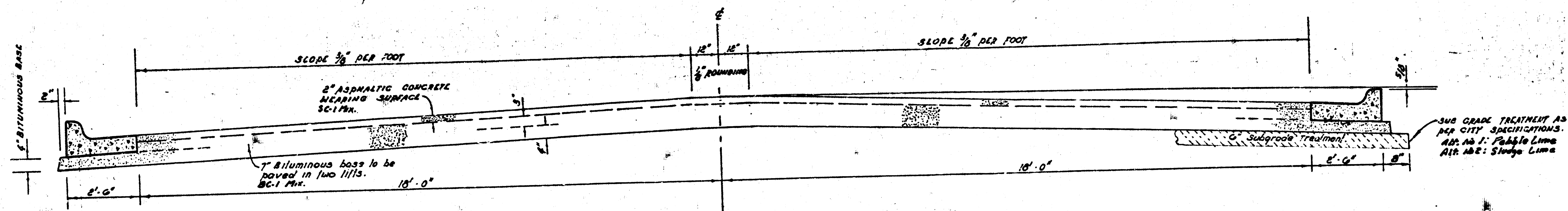
GENERAL NOTES:

- (1) NO MORE THAN 15-30 FOOT CROWNS ARE TO BE CONSTRUCTED WITHIN THIS PROJECT.
- (2) EARTHWORK TO MEET EXISTING GROUND ELEVATION AT RIGHT-OF-WAY LINE, UNLESS OTHERWISE NOTED ON THE PLAN WITH A NEW ELEVATION. IF A NEW ELEVATION IS GIVEN, THE EARTHWORK SHALL EXTEND ONE FOOT BEYOND RIGHT OF WAY LINE, THENCE UP OR DOWN ON A 1:1 SLOPE TO THE EXISTING GROUND SURFACE.
- (3) CONTRACTOR TO BID ONLY ONE SUB-DRAIN TREATMENT ALTERNATE. ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED FOR CONSTRUCTION ON THIS PROJECT.



PROJECT DESCRIPTION			
PROJECT NUMBER			
472 76 245 80577 000 QRC 001			
BOOK NO. <i>11A 17420</i>	APPROVED BY		DATE
DRAWN BY <i>Weg</i>			REVISED
CITY OF WICHITA.			
DEPARTMENT OF ENGINEERING			
DIRECTOR OF ENGINEERING			SCALE
B. W. BRUGSEMAN			<i>1/8"</i>

ROCKHILL LN. **E. L. WOODLAWN TO S. L. LT. 1, BLK. 3** **NORTHBOROUGH ADDN.**



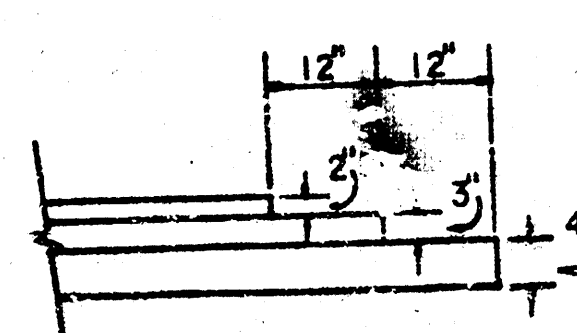
The A.C. pavement between the curb & gutter shall be paid as 39 yds 9\"/>

TYPICAL SECTION

4\"/>

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 CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

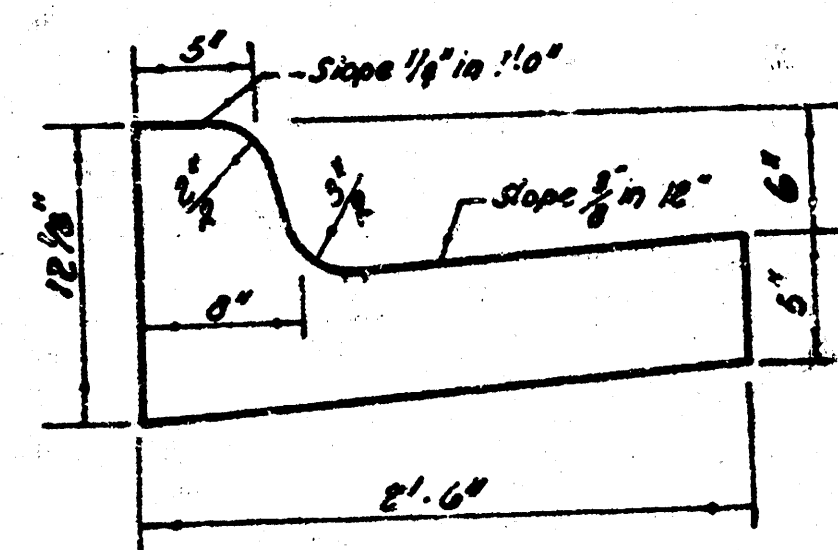
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



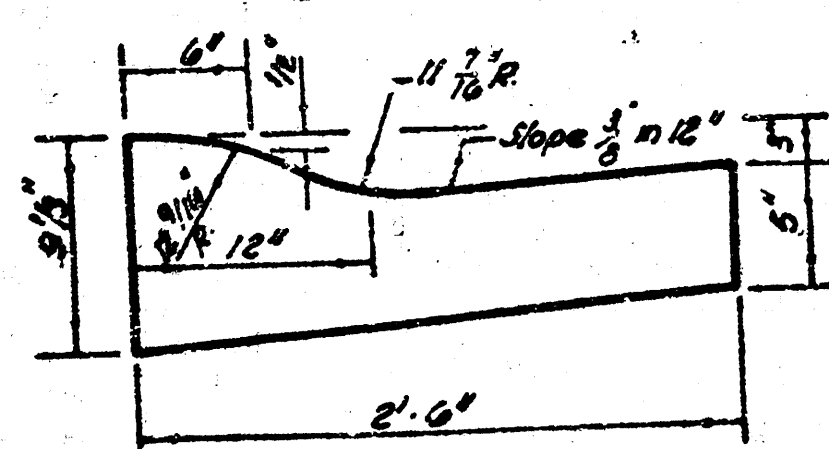
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

Manipulation = 5,115.0 S.Y.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA, KANSAS

PROJ. NO. 4276245 6027700000001

Surveyed by: B. J. 11/20
Plan: 11/20
CK: 11/20
Checked: 11/20

BM = 220.41 - R.R. SPIKE SE F. PP @ NW COR.
WOODLAWN & ROCKHILL.
BM = 207.35 - R.R. SPIKE W SIDE HEDGE TREE APPROX. 300'
E & 240' N OF NE COR. BRAMBLEWOOD & ROCKHILL.

E is E Rockhill Ln.

P.V.I.
100' V.C.
ELEV. 218.36

P.V.T.

65' Continental Pipeline Co. Setback Line

Scale: 1"=20'

PI
50' V.C.
ELEV. 209.92

4+50

-1.1533%
+0.7' Wk. Gr.

WARP WALK GRADE IN 50'
+0.3' to +0.7'

-2.6049%
+0.3' Wk. Gr.

15' Continental Pipeline Co. Easement

20' Continental Pipeline Co. Restricted Easement

ROCKHILL LN.

9" Asph. Conc. Pmt.
(1" Bit. Base)

INTERSECTION QUANTITIES

- S.Y. — Concrete Pavement
- 31.1 S.Y. — Asphaltic Conc. Pavement (7" Bituminous Base)
- 2.7 S.Y. — Bituminous Base
- 18.8 L.F. Combined Curb & Gutter
- L.F. Integral Curb
- S.F. 4" Wheelchair Ramp
- S.F. 4" Walk
- C.Y. Excavation
- C.Y. Compacted Fill
- Lbs. Reinforcing Steel
- S.Y. Manipulation
- Tons Lime or Cement
- S.Y. V.G. — Concrete & Asphaltic Concrete Base

EARTHWORK

	PROP	CITY
EXCAVATION	1,982.6	140.7
TOTAL	2,125.1	154.8

X - SECTION
1.0%
TOTAL

PI
50' V.C.
ELEV. 209.92

+0.7' Wk. Gr.
-1.1533%

WARP WALK GRADE IN 50'
+0.3' to +0.7'

+0.3' Wk. Gr.
-2.6049%

P.V.I.
100' V.C.
ELEV. 218.36

P.V.T.

0+10

0+44

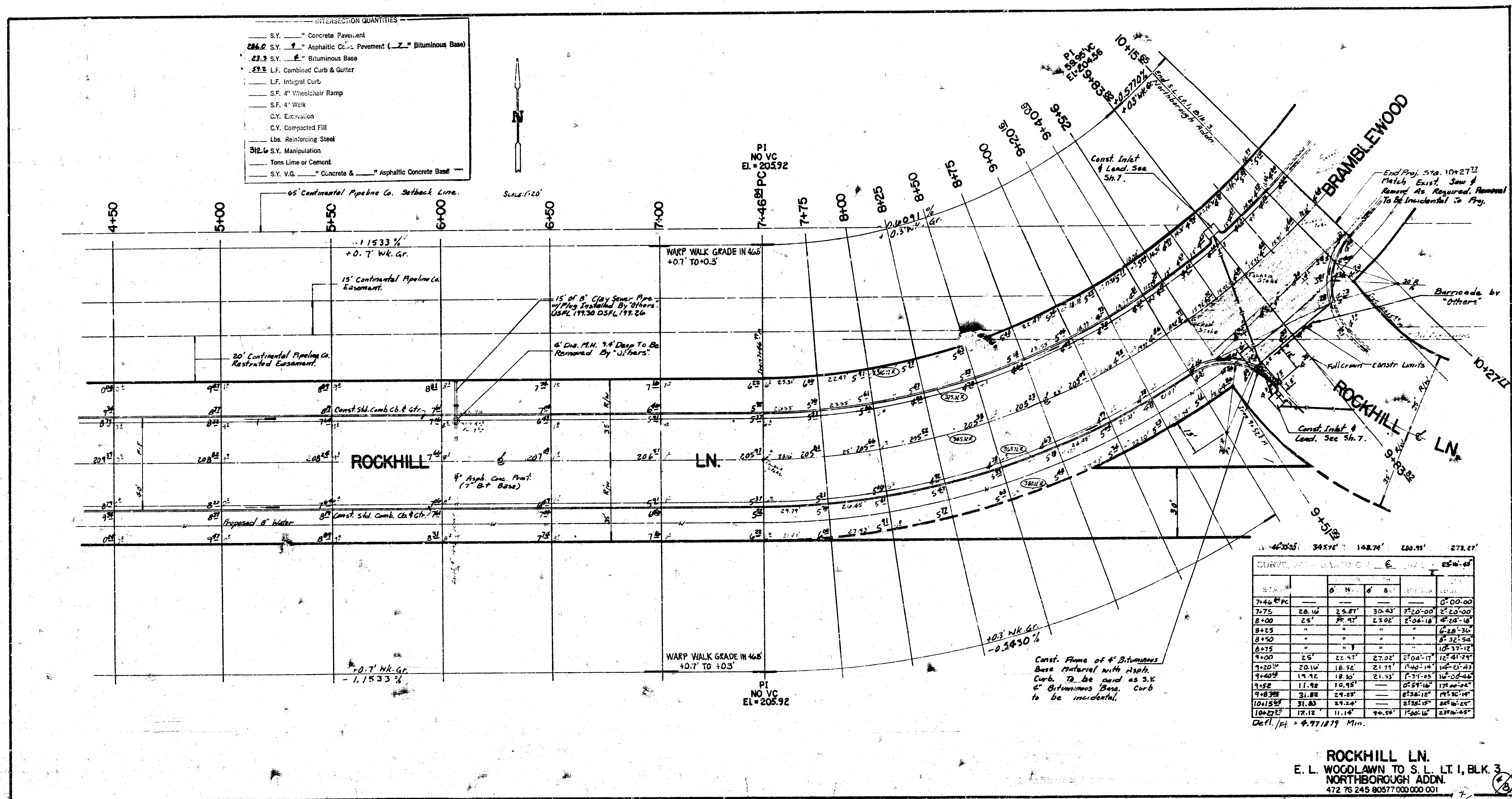
CAUTION
UNDERGROUND
UTILITIES

Please check with R.R. & E. or
Sewerage & Water
Telephone Co. for Location

ROCKHILL LN.
E.L. WOODLAWN TO S.L. LT. 1, BLK 3
NORTHBOROUGH ADDN.
472 76 245 80577 000 000 001

3/8

THE CONTRACTOR SHALL BE RESPONSIBLE
FOR PRESERVING PROPERTY IRONS. THE
CONTRACTOR SHALL BE REQUIRED TO RE-
ESTABLISH ANY PROPERTY IRONS WHICH
ARE DAMAGED OR DESTROYED BY HIS CON-
STRUCTION OPERATIONS. SUCH IRONS SHALL
BE RE-ESTABLISHED BY A LICENSED LAND-
SURVEYOR OR A LICENSED PROFESSIONAL
ENGINEER IN ACCORDANCE WITH STATE LAWS.



[illegible]

The technical drawing consists of two views: a top view and a side view.

- Top View:** A circular manhole cover with a diameter of 1010 mm. It features a central square opening with dimensions of 680 mm by 680 mm. The cover has a raised rim with a height of 100 mm. Various offset dimensions are provided: 150 mm from the center to the inner edge of the cross, 75 mm for the cross arm width, and 100 mm for the outer rim thickness. The text "MANHOLE COVER" is written at the bottom.
- Side View:** A cross-sectional view showing the cover's profile. It indicates a total height of 100 mm and a base width of 1000 mm. The cover is shown resting on a rectangular frame.

MANHOLE FRAME
(ALTERNATE)
(SCALE 1" = 6")
WEIGHT = 100 LBS.

Technical drawing of a manhole frame (alternate) showing dimensions and a cross-section. The drawing includes a top view and a side view. The top view shows a rectangular frame with a central circular opening. The side view shows the frame's profile with a central vertical support. Dimensions are given in inches and feet.

Dimensions (inches):

- Overall width: 54"
- Overall height: 54"
- Inner width: 52"
- Inner height: 52"
- Top flange thickness: 1"
- Bottom flange thickness: 1"
- Side flange thickness: 1"
- Central opening diameter: 36"
- Central support diameter: 12"

SECTION B - B
[SCALE 1" = 6"]
FRAME (ALTERNATE): 200 AA
FRAME: 254-06
EQUAL DESIGNS AS FOLLOWS:
WESTERN OIL AND FOUNDRY CO. INC. OR
NOTE: AVAILABLE FRAMES AND COVERS ARE

CITY OF WICHITA, KANSAS
DETAIL STANDARD TYPE 4A CURB INLET

[illegible]

NOTE: BRICK FOR INLET CONSTRUCTION

PAVEMENT BY RAVING CONTRACTOR

Dimensions: 15' 0", 15", 8", 4' 0", 8", 15", 15' 0"

Scale: 1" = 1'

The drawing shows a cross-section of a brickwork structure. The top part is a brickwork section with a circular opening in the center. Below the brickwork is a layer labeled "PAVEMENT BY RAVING CONTRACTOR". The drawing includes dimensions for the various sections: 15' 0", 15", 8", 4' 0", 8", 15", and 15' 0". A scale of 1" = 1' is indicated.

	BAR	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28	#29	#30	#31	#32	#33	#34	#35	#36	#37	#38	#39	#40	#41	#42	#43	#44	#45	#46	#47	#48	#49	#50	#51	#52	#53	#54	#55	#56	#57	#58	#59	#60	#61	#62	#63	#64	#65	#66	#67	#68	#69	#70	#71	#72	#73	#74	#75	#76	#77	#78	#79	#80	#81	#82	#83	#84	#85	#86	#87	#88	#89	#90	#91	#92	#93	#94	#95	#96	#97	#98	#99	#100	#101	#102	#103	#104	#105	#106	#107	#108	#109	#110	#111	#112	#113	#114	#115	#116	#117	#118	#119	#120	#121	#122	#123	#124	#125	#126	#127	#128	#129	#130	#131	#132	#133	#134	#135	#136	#137	#138	#139	#140	#141	#142	#143	#144	#145	#146	#147	#148	#149	#150	#151	#152	#153	#154	#155	#156	#157	#158	#159	#160	#161	#162	#163	#164	#165	#166	#167	#168	#169	#170	#171	#172	#173	#174	#175	#176	#177	#178	#179	#180	#181	#182	#183	#184	#185	#186	#187	#188	#189	#190	#191	#192	#193	#194	#195	#196	#197	#198	#199	#200	#201	#202	#203	#204	#205	#206	#207	#208	#209	#210	#211	#212	#213	#214	#215	#216	#217	#218	#219	#220	#221	#222	#223	#224	#225	#226	#227	#228	#229	#230	#231	#232	#233	#234	#235	#236	#237	#238	#239	#240	#241	#242	#243	#244	#245	#246	#247	#248	#249	#250	#251	#252	#253	#254	#255	#256	#257	#258	#259	#260	#261	#262	#263	#264	#265	#266	#267	#268	#269	#270	#271	#272	#273	#274	#275	#276	#277	#278	#279	#280	#281	#282	#283	#284	#285	#286	#287	#288	#289	#290	#291	#292	#293	#294	#295	#296	#297	#298	#299	#300	#301	#302	#303	#304	#305	#306	#307	#308	#309	#310	#311	#312	#313	#314	#315	#316	#317	#318	#319	#320	#321	#322	#323	#324	#325	#326	#327	#328	#329	#330	#331	#332	#333	#334	#335	#336	#337	#338	#339	#340	#341	#342	#343	#344	#345	#346	#347	#348	#349	#350	#351	#352	#353	#354	#355	#356	#357	#358	#359	#360	#361	#362	#363	#364	#365	#366	#367	#368	#369	#370	#371	#372	#373	#374	#375	#376	#377	#378	#379	#380	#381	#382	#383	#384	#385	#386	#387	#388	#389	#390	#391	#392	#393	#394	#395	#396	#397	#398	#399	#400	#401	#402	#403	#404	#405	#406	#407	#408	#409	#410	#411	#412	#413	#414	#415	#416	#417	#418	#419	#420	#421	#422	#423	#424	#425	#426	#427	#428	#429	#430	#431	#432	#433	#434	#435	#436	#437	#438	#439	#440	#441	#442	#443	#444	#445	#446	#447	#448	#449	#450	#451	#452	#453	#454	#455	#456	#457	#458	#459	#460	#461	#462	#463	#464	#465	#466	#467	#468	#469	#470	#471	#472	#473	#474	#475	#476	#477	#478	#479	#480	#481	#482	#483	#484	#485	#486	#487	#488	#489	#490	#491	#492	#493	#494	#495	#496	#497	#498	#499	#500	#501	#502	#503	#504	#505	#506	#507	#508	#509	#510	#511	#512	#513	#514	#515	#516	#517	#518	#519	#520	#521	#522	#523</
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BENDING DIAGRAM