

CITY OF DETROIT

CITY ENGINEERING DEPARTMENT

PLANS FOR PROPOSED

PAVING OF HANCOCK FROM BRUSH TO ST. ANTOINE,
CURB AND SIDEWALK REPLACEMENT ON BRUSH FROM CANFIELD
TO WARREN, AND MISCELLANEOUS PAVEMENT REMOVAL
MEDICAL CENTER REHABILITATION PROJECT NO. 3

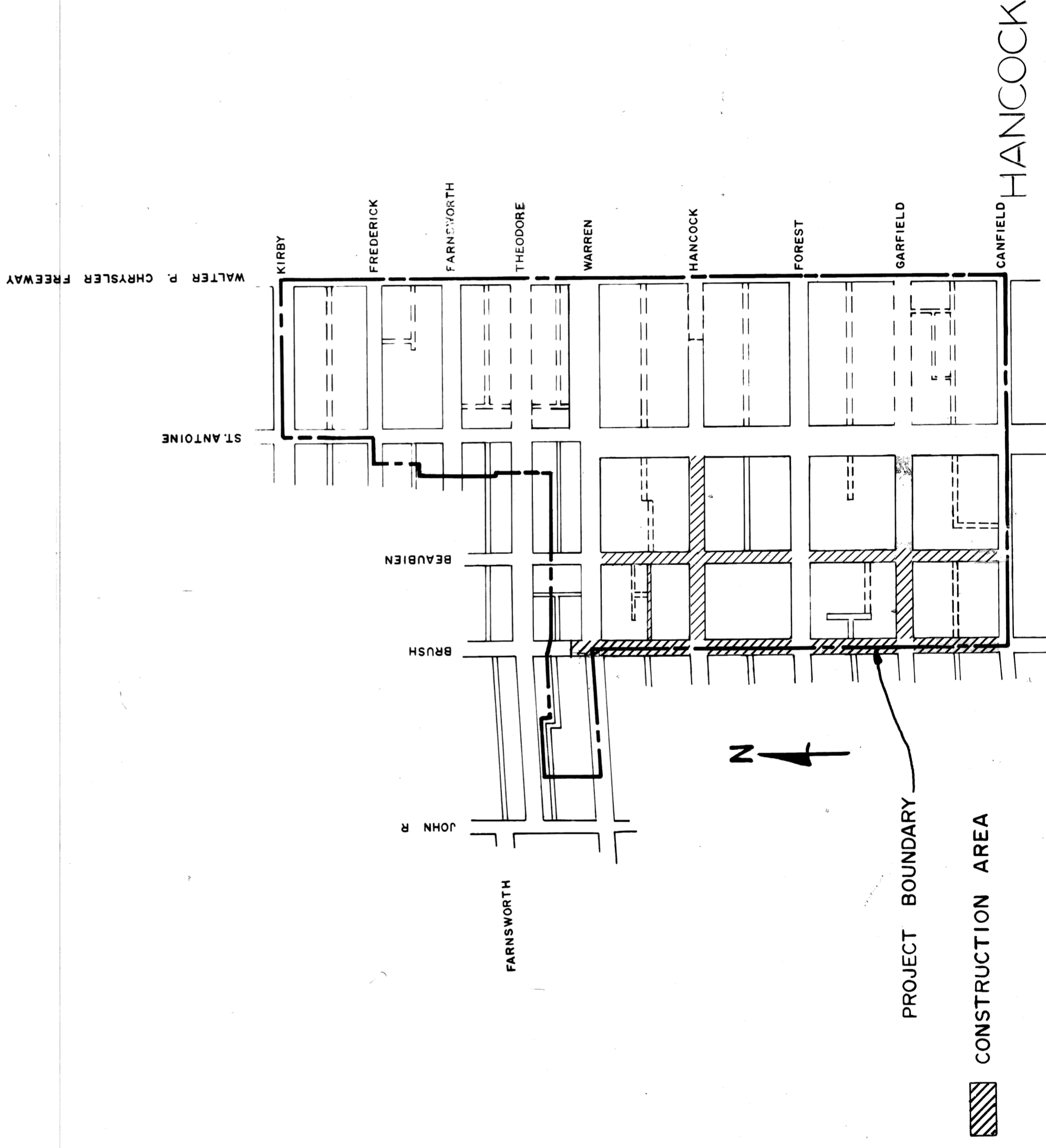
MICH. R-112

FOR

COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

INDEX OF SHEETS

1. TITLE SHEET
2. TYPICAL SECTIONS OF HANCOCK
3. REMOVAL & UTILITIES OF HANCOCK
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PROJECT:
PAVING OF HANCOCK FROM BRUSH TO ST. ANTOINE,
CURB AND SIDEWALK REPLACEMENT ON BRUSH
FROM CANFIELD TO WARREN, AND
MISCELLANEOUS PAVEMENT REMOVAL
MEDICAL CENTER REHABILITATION PROJECT NO. 3
MICH. R-112

CONTRACT
NO.

PW 6564

PLANS PREPARED BY
CITY ENGINEERING DEPARTMENT

RECOMMENDED FOR APPROVAL	<i>R.C. Monahan</i> ENGINEER OF INSPECTION	1/16/75 DATE
RECOMMENDED FOR APPROVAL	<i>Norm R. Kowals</i> ENGINEER OF STREETS	1/16/75 DATE
APPROVED	<i>W.B. Hammond</i> DEPUTY DIRECTOR	1/16/75 DATE
APPROVED	<i>H.Z. Pully</i> DIRECTOR	1/16/75 DATE

DATE JANUARY 6, 1975

DRWG. NO. 1 OF 17

EARTHWORK LEGEND

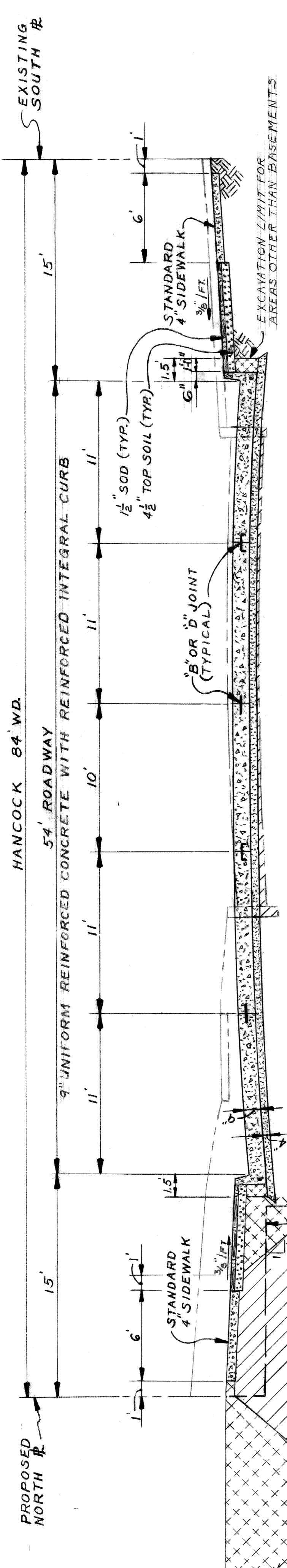
- FILL (GRADE A)
- FILL (22 A)
- FILL - SELECTED EXCAVATED MATERIAL

JOINT LEGEND

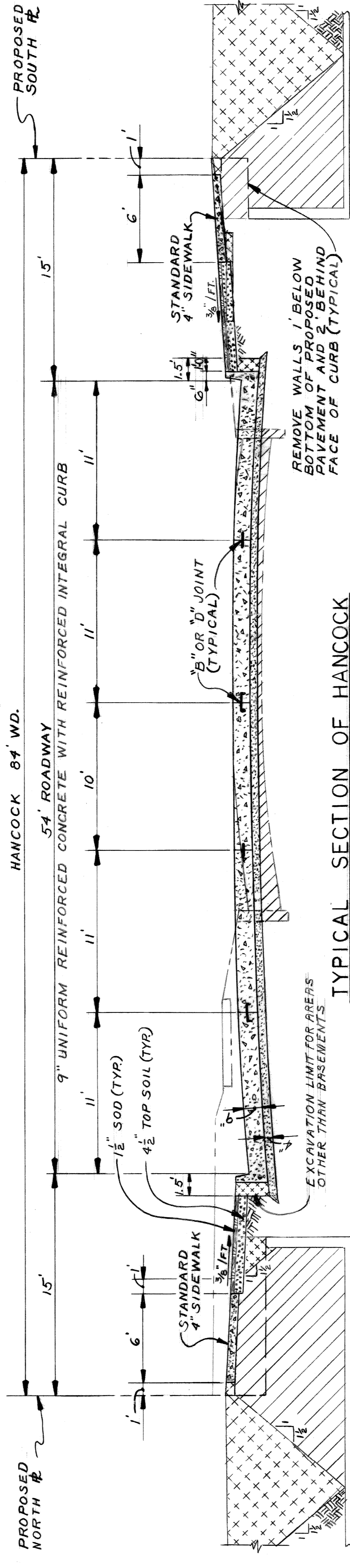
- B = LONGITUDINAL BULKHEAD CONSTRUCTION JOINT, ACCORDING TO STANDARD DETAIL DRAWING C-4943 DETAIL No. 2.
- D = LONGITUDINAL LAKE TIE JOINT, ACCORDING TO STANDARD DETAIL DRAWING C-4943 DETAIL No. 1.

NOTES:

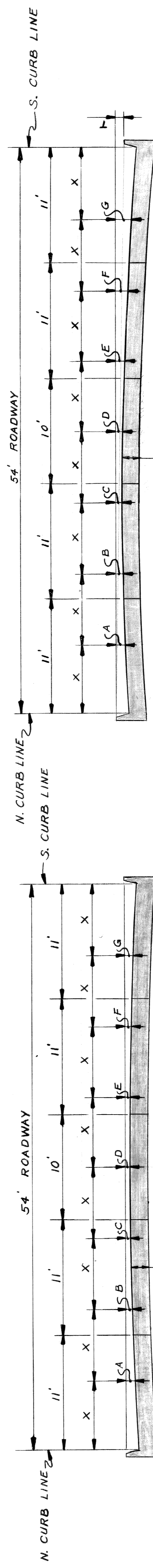
- 1 CONCRETE PAVEMENT SHALL BE REINFORCED IN ACCORDANCE WITH DETAIL DRAWING C-4942.
- 2 INTEGRAL REINFORCED CONCRETE CURB SHALL BE IN ACCORDANCE WITH STANDARD DETAIL DRAWING C-4943.
- 3 JOINTS IN THE PAVEMENT SHALL BE IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS C-4991, C-4992, AND C-4943.
- 4 SEE SHEET 4 OF PAVING PLANS FOR LOCATION OF STANDARD 6' SIDEWALKS.



TYPICAL SECTION OF HANCOCK FROM BRUSH TO STA. 4+00
SCALE = HOR. 1" = 5' VERT. 1" = 3'



TYPICAL SECTION OF HANCOCK FROM STA. 4+00 TO ST ANTOINE
SCALE = HOR. 1" = 5' VERT. 1" = 3'



SECTION 'A'

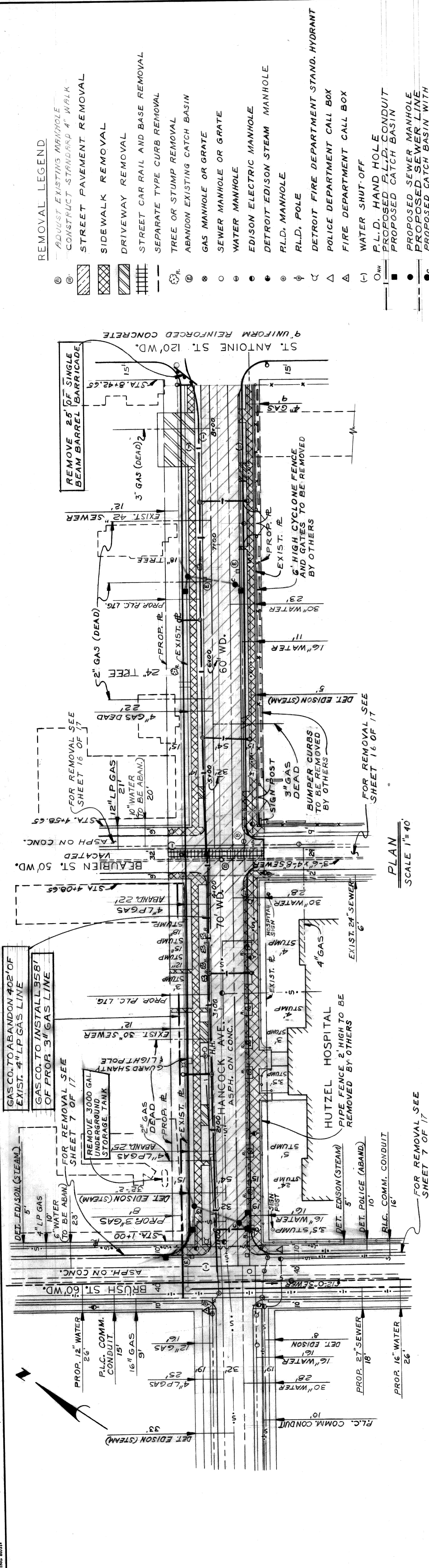
SECTION 'B'

ELEMENTS OF CONCRETE SLAB SECTION

PAVEMENT WIDTH	CURB FACE	* T	* A	* B	* C	* D	* E	* F	* G
54' "A"	7"	0	4 5/8"	2 1/8"	1 1/8"	1 5/8"	1 5/8"	2 1/8"	4 5/8"
54' "B"	7"	0.4'	5 1/4"	4 5/8"	3 3/4"	4"	4 1/2"	6 3/4"	6 1/2"

* DISTANCE BELOW TOP OF CURB AT LETTERED POINTS IN SECTION 'A' AND BELOW TOP OF HIGH CURB IN SECTION 'B'.

DESIGNER	DESIGNED BY	APPROVED:	CITY OF DETROIT CITY ENGINEERING DEPARTMENT FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT				
DESCRIPTION	DRAWN BY	ENGINEER OF STREETS					
DATE	TRACED BY						
REVISIONS LOCATED BY COORDINATES ON SHEET	CHECKED BY						
PAVING OF HANCOCK FROM BRUSH TO ST. ANTOINE			MEDICAL CENTER REHABILITATION PROJECT NO.3 MICH R-112				
TYPICAL SECTIONS FOR HANCOCK			SHEET 2 OF 17 SHEETS CONTRACT NO. PW 6564 ASSIGNMENT No. AO 2052 A DATE 1-6-75				



- REMOVAL LEGEND**
- ⊙ ADJUST EXISTING MANHOLE
 - ⊙ CONSTRUCT STANDARD 4' WALK
 - ▨ STREET PAVEMENT REMOVAL
 - ▨ SIDEWALK REMOVAL
 - ▨ DRIVEWAY REMOVAL
 - ▨ STREET CAR RAIL AND BASE REMOVAL
 - ▨ SEPARATE TYPE CURB REMOVAL
 - ▨ TREE OR STUMP REMOVAL
 - ⊙ ABANDON EXISTING CATCH BASIN
 - ⊙ GAS MANHOLE OR GRATE
 - ⊙ SEWER MANHOLE OR GRATE
 - ⊙ WATER MANHOLE
 - ⊙ EDISON ELECTRIC MANHOLE
 - ⊙ DETROIT EDISON STEAM MANHOLE
 - ⊙ R.L.D. MANHOLE
 - ⊙ R.L.D. POLE
 - ⊙ DETROIT FIRE DEPARTMENT STAND. HYDRANT
 - ⊙ POLICE DEPARTMENT CALL BOX
 - ⊙ FIRE DEPARTMENT CALL BOX
 - (-) WATER SHUT-OFF
 - R.L.D. HAND HOLE CONDUIT
 - ▬ PROPOSED P.L.D. CONDUIT
 - ▬ PROPOSED CATCH BASIN
 - PROPOSED SEWER MANHOLE
 - PROPOSED SEWER LINE
 - PROPOSED CATCH BASIN WITH MANHOLE COVER
 - PIPE FENCE 2' HIGH
 - ▬ BUILDINGS WITH BASEMENTS
 - ▬ SINGLE BEAM BARREL BARRICADE
 - ▬ DETROIT EDISON POLE

- NOTES:**
1. BEFORE STARTING CONSTRUCTION THE CONTRACTOR MUST CHECK WITH THE UTILITY COMPANIES TO VERIFY THE LOCATION OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.
 2. REMOVE THE EXISTING STREET PAVEMENT, STREET CAR TRACK BASE, STREET CAR TRACKS, S.L. PIPE SIDEWALKS, DRIVEWAYS, TREES, STUMPS, UNDERGROUND STORAGE TANKS, NON REINFORCED CONCRETE, AND SEPARATE TYPE CURBS WITHIN THE 84' RIGHT OF WAY ON HANCOCK FROM BRUSH TO ST. ANTOINE.

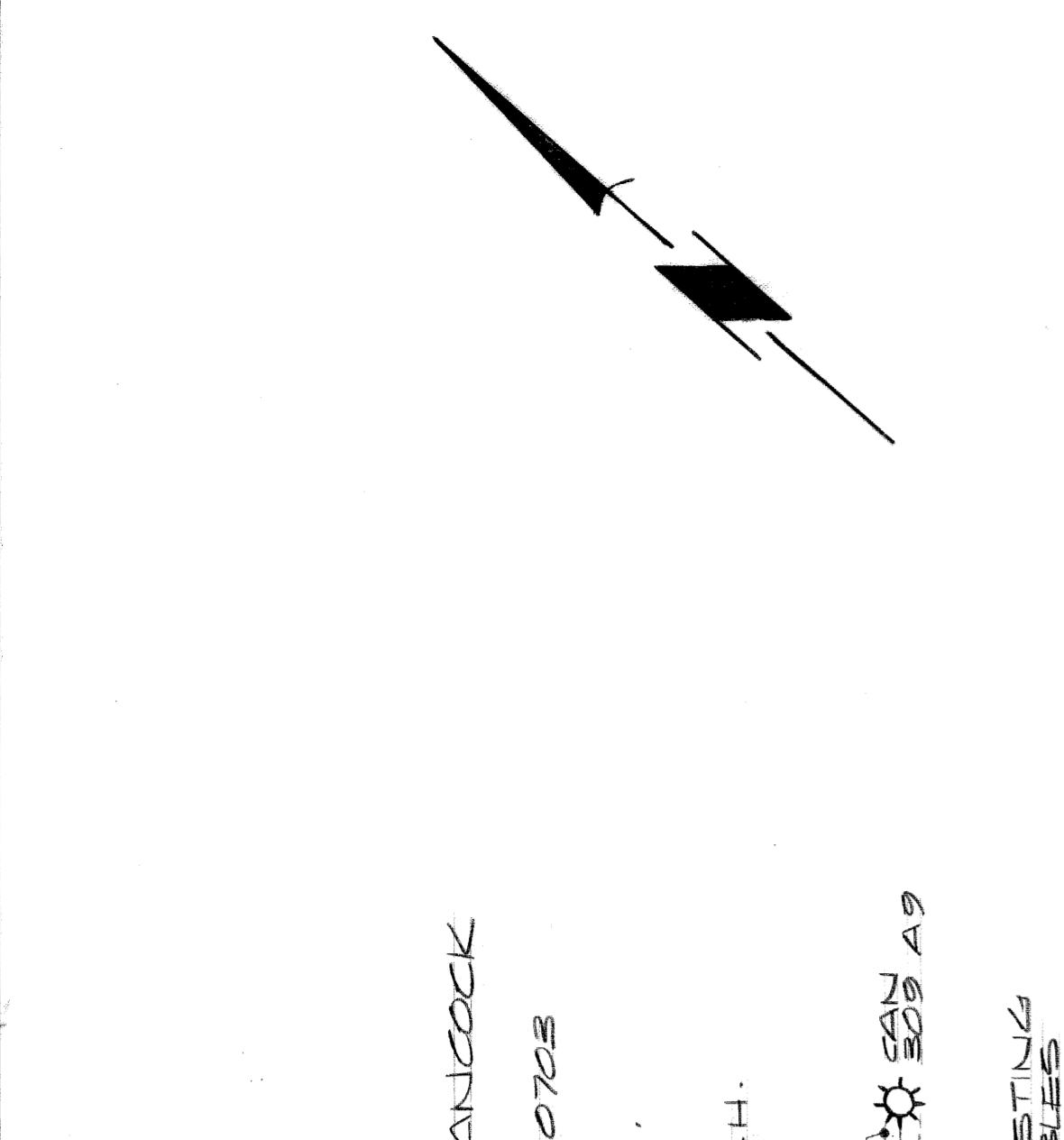
CALL MISS DIG
48 HOURS PRIOR
TO START OF CONST.

PLAN
SCALE 1"=40'

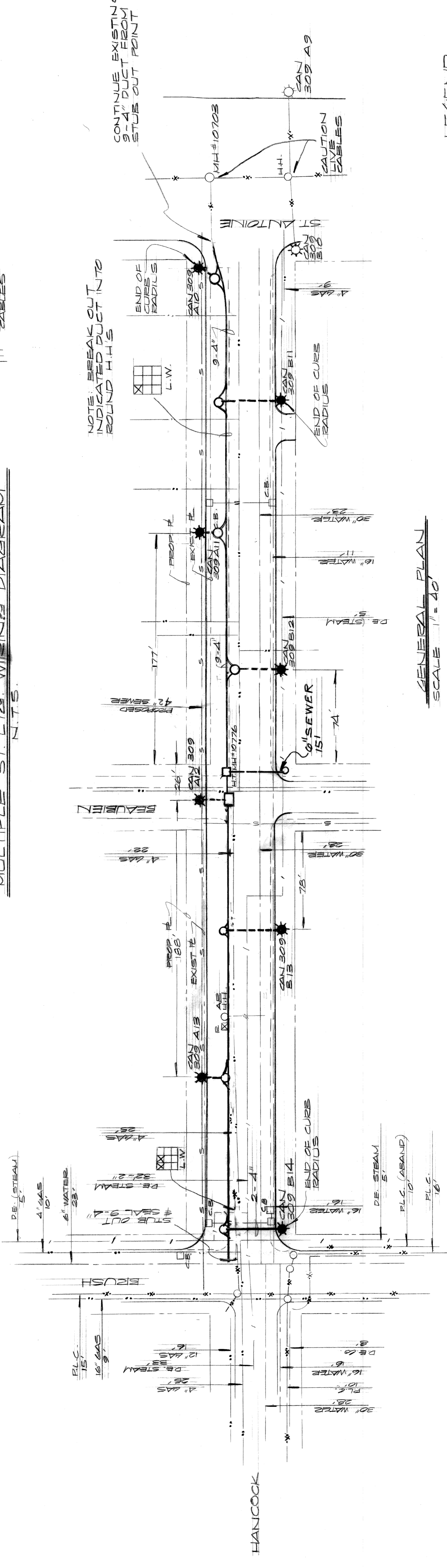
FOR REMOVAL SEE SHEET 7 OF 17

FOR REMOVAL SEE SHEET 16 OF 17

SHEET 3 OF 17 SHEETS CONTRACT NO. PW 6564 ASSIGNMENT NO. AO 2052A DATE 1-6-75	PAVING OF HANCOCK FROM BRUSH TO ST. ANTOINE MEDICAL CENTER REHABILITATION PROJECT NO.3 MICH. R-112 REMOVAL AND UTILITIES OF HANCOCK	11 10 9 8 7 6 5 4 3 2 1
CITY OF DETROIT CITY ENGINEERING DEPARTMENT FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT		
APPROVED: <i>Norm D. Hawkins</i> ENGINEER OF STREETS	DESIGNED BY DRAWN BY TRACED BY CHECKED BY	JONES
REVISIONS LOCATED BY COORDINATES ON SHEET		
GAS CO. TO INSTALL 3680' OF 3" GAS & ABANDON 402' OF 4" GAS	DESCRIPTION DATE DRAWN CHECKED DATE	1 2 3



MULTIPLE ST. LTG. WIRING DIAGRAM



GENERAL PLAN
SCALE 1" = 40'

BILL OF MATERIALS

ITEM	QUANTITY	UNIT
9-4" CONCRETE ENCASED CONDUIT	790	LIN. FT.
1-3" CONCRETE ENCASED CONDUIT	182	LIN. FT.
2-WAY HIGH TENSION MANHOLE ROUND HANDHOLE	1	EACH
6" SEWER (LIGHTING)	7	LIN. FT.
REMOVE POST FOUNDATION ABANDON HANDHOLE	15	EACH
2-4" CONCRETE ENCASED CONDUIT	1	LIN. FT.
CODE 009-00 STREET LIGHTING STANDARD ON NEW FOUNDATION (FDN. ONLY)	35	EACH
600V 1-1/2 THW ST. LTG. CABLE #	8	LIN. FT.
1-#6 THW NEUTRAL	180	LIN. FT.
600V 2-1/2 THW ST. LTG. CABLE #	970	LIN. FT.
1-#6 THW NEUTRAL		

NOTES

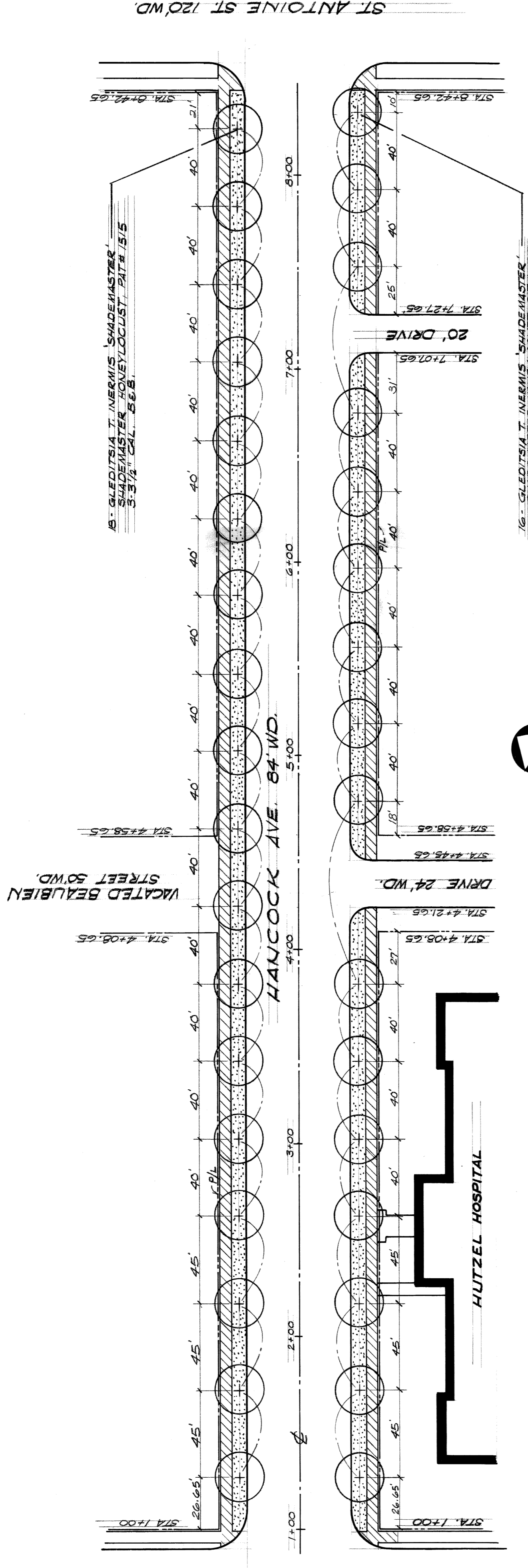
- PLR WILL FURNISH CODE 009-00 STDS. 6 FT CLAMP-ON BRACKET ARMS WITH 3'-0" RISE AND 400V TYPE III MERCURY VAPOR LUMINAISE CONTRACTOR IS TO INSTALL STDS AND MAKE ALL WIRING CONNECTIONS
- NOTIFY PLD. SYSTEM OPERATOR 961-1360 IN ADVANCE OF MAKING CONNECTIONS TO EXISTING CIRCUITS
- ALL CABLES SHALL BE TAGGED IN ALL MANHOLES & HANDHOLES
- ALL U.G. FED ST. LTG. STDS ARE TO BE STENCILED AS PER PLANS. STENCILING OF U.G. FED ST. LTG. STDS IS INCIDENTAL TO INSTALLATION. TYPICAL STENCIL SHOWN BELOW

CAN 309 A-13

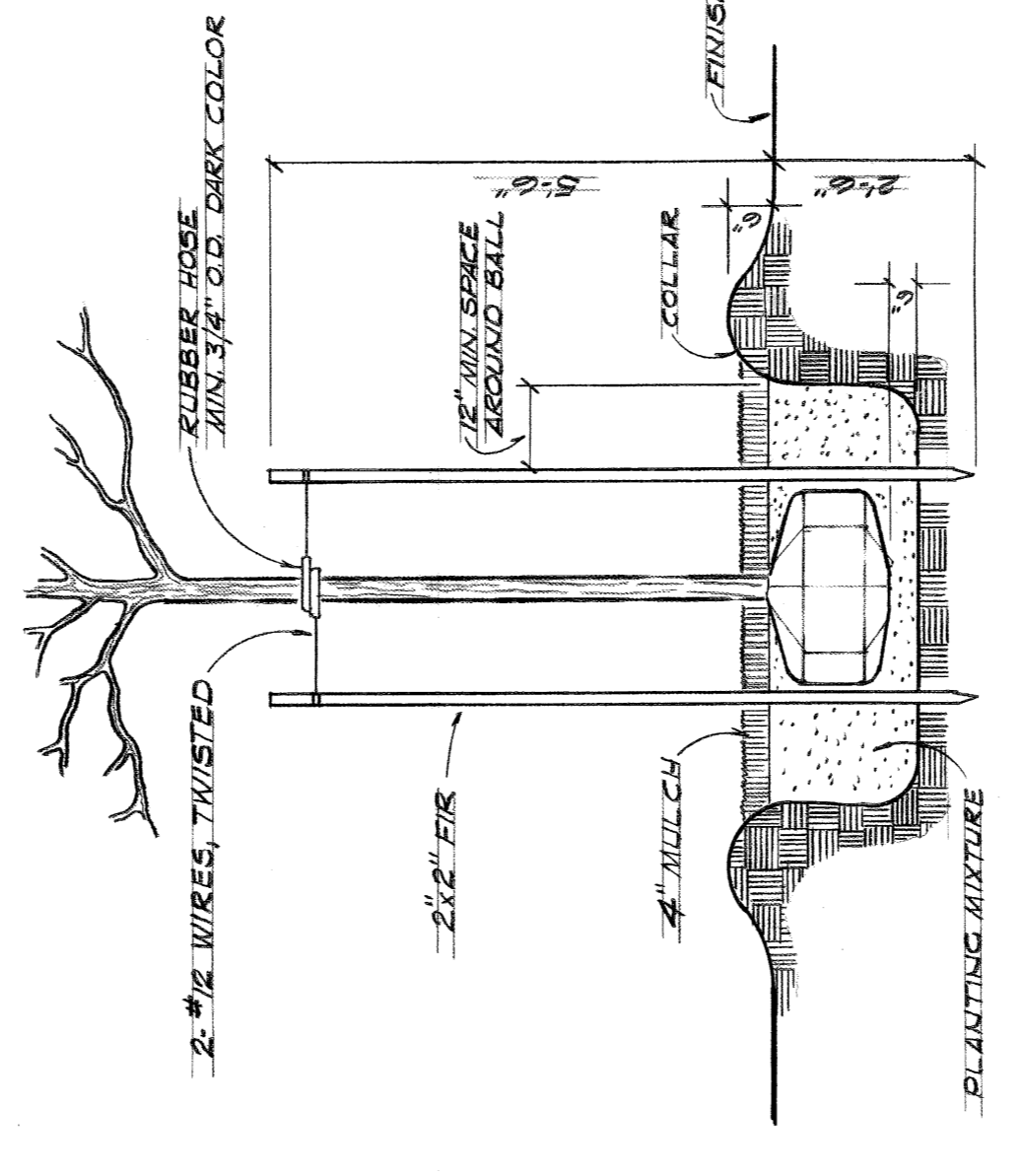
AS BUILT

LEGEND
 * INSTALL CODE 009-00 STREET LIGHTING STANDARDS, 6 FT CLAMP-ON BRACKET ARM WITH 3'-0" RISE # 400V TYPE III MERCURY VAPOR LUMINAISE ON NEW FOUNDATION
 ✱ REMOVE FOUNDATION
 ✱ EXISTING STREET LIGHT TO REMAIN
 --- BUILD CONCRETE ENCASED CONDUIT NUMBER AND SIZE AS INDICATED
 --- BUILD 1-3" CONCRETE ENCASED CONDUIT (2 WAY)
 --- BUILD HIGH TENSION MANHOLE
 --- BUILD ROUND HANDHOLE
 --- PROPOSED CATCH BASIN
 --- BUILD 6" SEWER (LIGHTING)
 --- EXISTING MANHOLE OR HANDHOLE AS INDICATED
 --- INSTALL UNDERGROUND CABLE, NO. AND SIZE AS INDICATED
 --- MANHOLE OR HANDHOLE AS INDICATED
 ○ ABANDON HANDHOLE
 ○ H.H.

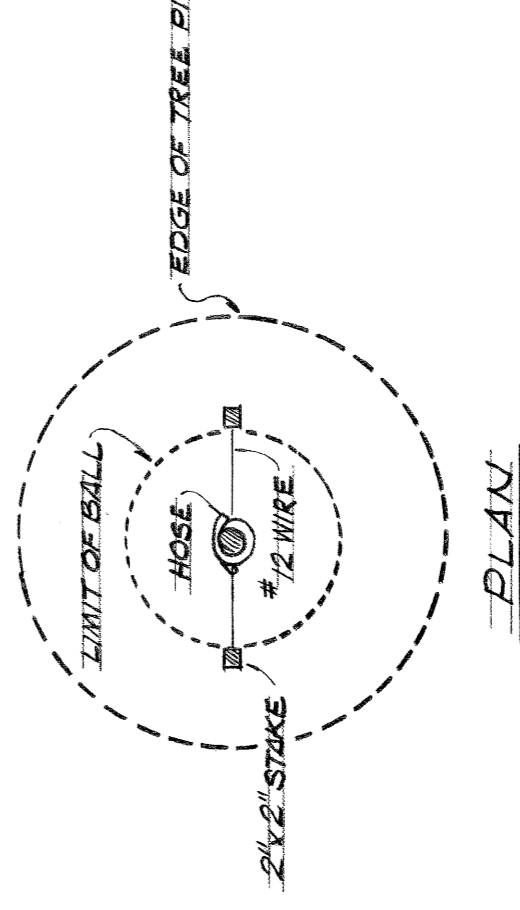
DATE	DESCRIPTION	CHG. BY



PLAN
SCALE: 1" = 40'

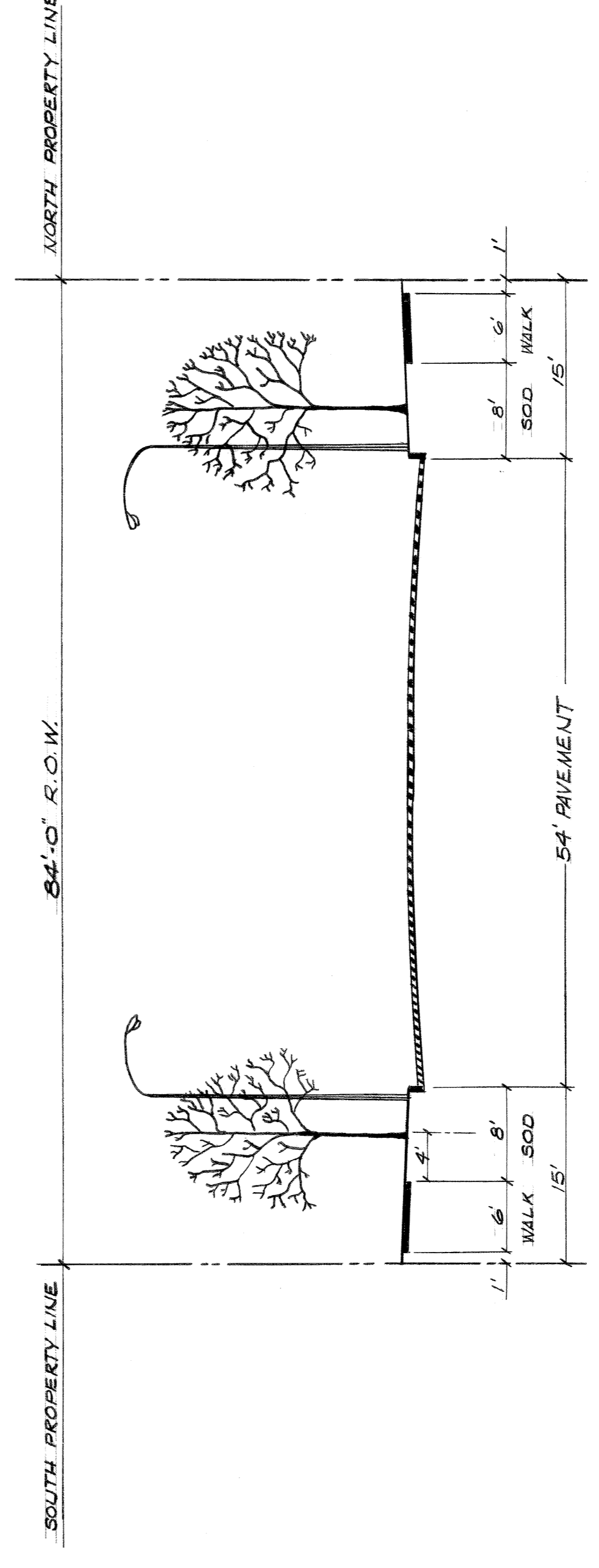


SECTION
NO SCALE



PLAN
NO SCALE

DETAIL FOR PLANTING AND GUYING TREES
1/2" TO 3/8" CAL.



TYPICAL HANCOCK AVENUE SECTION
BRUSH STREET TO ST. ANTOINE STREET

NO SCALE

LEGEND

- PROPOSED TREES AS SPECIFIED
- SOD AREAS
- 6 FT. CONCRETE WALK

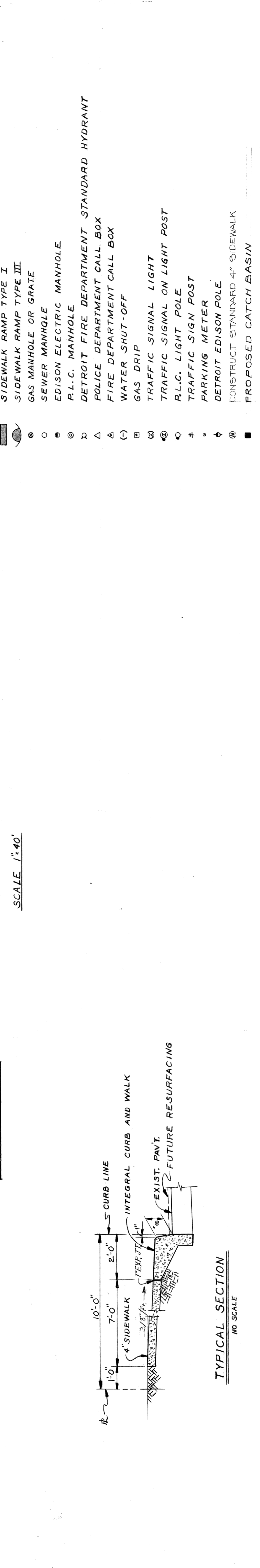
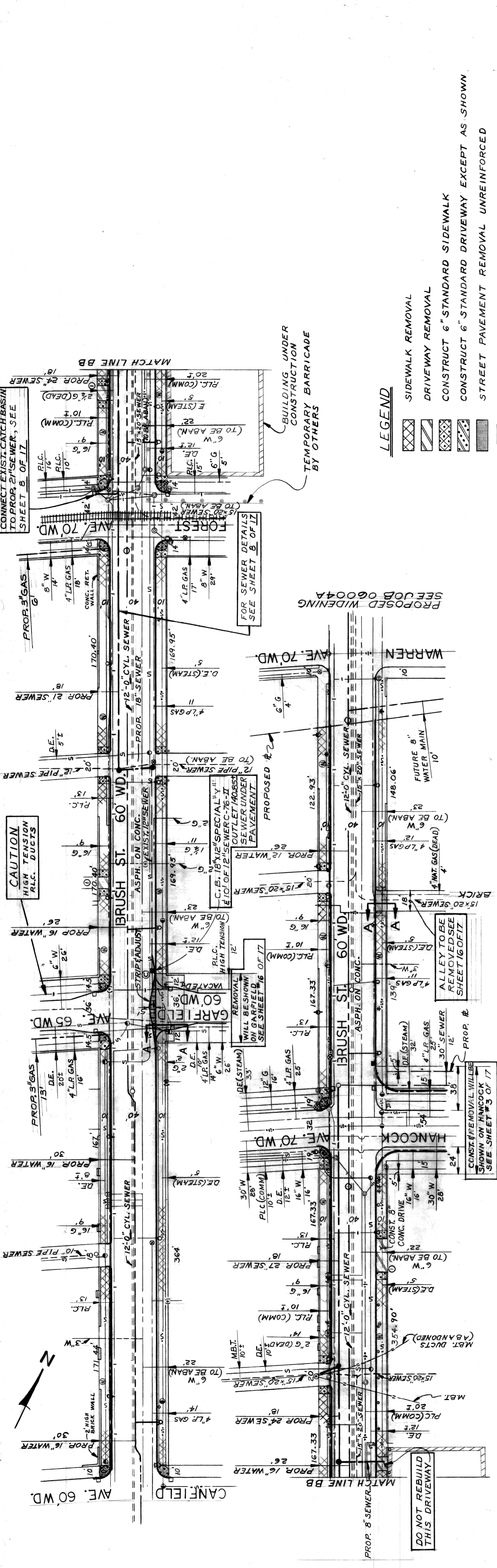
MATERIALS LIST

QUANTITY	DISCRPTION
34 EA.	GLEDITSIA T. INERMIS SHADEMASTER / SHADEMASTER HOVEYLOCLUS PATRIS 3 1/2" CAL. BALL & BURLAP
1520 SQ YDS	KENTUCKY BLUEGRASS SOD
200 CU YDS	TOP SOIL

GENERAL NOTES:

THE 6 FT WIDE AREA BETWEEN THE CURB AND SIDEWALK SHALL RECEIVE A MINIMUM OF 1/2" OF TOPSOIL. THE FINISHED GRADE OF THE TOPSOIL SHALL ALLOW FOR THE SOD TO BE PLACED AT THE PROPER GRADE.
ALL TREES SHALL BE WATERED THOROUGHLY BEFORE APPLYING THE REQUIRED MULCH.

<p>DESIGNED BY</p> <p>DRAWN BY <i>Carl Berg</i></p> <p>TRACED BY</p> <p>CHECKED BY</p>	<p>REFERENCE DRAWINGS</p>	<p>APPROVED: <i>W. E. Wells, Jr., a.e.</i> CHIEF OF LANDSCAPE ARCHITECTURE</p>	<p>CITY OF DETROIT CITY ENGINEERING DEPARTMENT FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT</p>	<p>PAVING OF HANCOCK FROM BRUSH TO ST. ANTOINE MEDICAL CENTER REHABILITATION PROJECT NO. 3 MICH R-112</p>	<p>SHEET 6 OF 17 SHEETS CONTRACT NO. PW 6564 DATE JUNE 3, 1974</p>
<p>REVISIONS LOCATED BY COORDINATES ON SHEET</p>					



LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CONSTRUCT 6" STANDARD SIDEWALK
- CONSTRUCT 6" STANDARD DRIVEWAY EXCEPT AS SHOWN
- STREET PAVEMENT REMOVAL UNREINFORCED
- SIDEWALK RAMP TYPE I
- SIDEWALK RAMP TYPE III
- GAS MANHOLE OR GRATE
- SEWER MANHOLE
- EDISON ELECTRIC MANHOLE
- R.L.C. MANHOLE
- DETROIT FIRE DEPARTMENT STANDARD HYDRANT
- POLICE DEPARTMENT CALL BOX
- FIRE DEPARTMENT CALL BOX
- WATER SHUT-OFF
- GAS DRIP
- TRAFFIC SIGNAL LIGHT
- TRAFFIC SIGNAL ON LIGHT POST
- R.L.C. LIGHT POLE
- TRAFFIC SIGN POST
- PARKING METER
- DETROIT EDISON POLE
- CONSTRUCT STANDARD 4" SIDEWALK
- PROPOSED CATCH BASIN

NOTES:

BEFORE STARTING CONSTRUCTION THE CONTRACTOR MUST CHECK WITH THE UTILITY COMPANIES TO VERIFY THE LOCATION OF EXISTING STRUCTURES, WHETHER OR NO INDICATED ON PLANS. [CALL MISS DIG]

AT ① REMOVE AND REPLACE EXISTING DRIVEWAY.
 CONSTRUCT INTEGRAL CURB AND SIDEWALK, AND 4" SIDEWALK ON BRUSH FROM CANFIELD TO WARREN IN THIS CONTRACT AS SHOWN ON THE TYPICAL SECTION.

CALLS ON BRUSH BETWEEN FOREST AND HANCOCK METERS OF BRUSH BETWEEN FOREST AND HANCOCK

REMOVE AND REPLACE ALL EXISTING CURBS, SIDEWALKS, AND DRIVEWAYS ON BOTH SIDES OF BRUSH FROM THE NORTH CURB LINE OF CANFIELD TO THE PROPOSED SOUTH PROPERTY LINE OF WARREN UNLESS OTHERWISE NOTED ON THE DRAWING.

SECTION A-A
NO SCALE

DESIGNED BY	DRAWN BY	TRACED BY	CHECKED BY	APPROVED:	CITY OF DETROIT CITY ENGINEERING DEPARTMENT FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT
				<i>Handwritten Signature</i> ENGINEER OF STREETS	CURB AND SIDEWALK REPLACEMENT ON BRUSH FROM CANFIELD TO WARREN MEDICAL CENTER REHABILITATION PROJECT NO. 3 MICH R-112

DESCRIPTION	DATE

REVISIONS LOCATED BY	COORDINATES ON SHEET

1/17/75
Sewer Approved