

LOCATION MAP
(NOT TO SCALE)



Engineers Surveyors Planners Landscape Architects

28 West Adams Road Suite 1200 Detroit, MI 48226 p (313) 962-4442 f (313) 962-5068

www.giffelswebster.com

Executive:	DR/MM
Manager:	DR
Designer:	SC
Quality Control:	DR
Section:	

Professional Seal:



ISSUE:
ROW Permit Exhibit
ROW Permit
ROW Permit Update
ROW Permit Amendment

Detroit Thermal

541 Madison St, Detroit, MI 48226

(313) 963-3844

STEAM LINE **IMPROVEMENTS** NORTH

> Lafeyette Park -Detroit Thermal

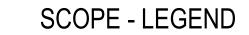
Municipality County MICHIGAN

Date:	2025.04.17
Scale:	1" = 30'
Sheet:	EXHIBIT 1
Project:	20650.00D

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115.15 T/16 IN DIA PIPE SW DOWN ANTIETAM	M(R) 115.05 T/12 IN DIA PIPE NE ABANDONED 8.5'	STEAM STEAM STEAM		9	NO PLANT MATERIAL TO BE REMOVED IN CONSTRUCTION OF PIPE 7	EXISTING MH 1254. NEW MH LID AND INTERIOR PIPING AND DRAIN REPAIR. TO BE COMPLETED IN DETROIT THERMAL ANNUAL ROW PERMIT AL & T.	6 HIBIT 2
ANTIETAM ST. (70FT. WIDE)		9' WDE STEAM EASEMENT (L13749, P.359) ———————————————————————————————————	STEAMI STEAM ST	9' WIDE STEAM EASEMENT (L.13749, P.361) ———————————————————————————————————	GAS GAS GAS	STEAM STEAM	GAS 16"-80# 1951 GAS(R) SUBTRANSMISSION MAIN
_	OPEN CUT ZONE FOR EXISTING PIPE SLIPLINING. REMOVE AND REPLACE PAVEMENT IN-KIND JOINT IN ACCORDANCE WITH CITY OF DETROIT AND FIELD COORDINATED WITH INSPECTOR	32' WDE PUBLIC EASEMENT(PER PLAT)	(K)	32' WIDE PUBLIC EASEMENT(PER PLAT)	/	GAS 4" UN DEAD GAS(R) GAS 4" UN DEAD GAS(R) WW(R) WW(R)	MATCH



EXISTING MANHOLE TO REMAIN

CONCRETE PAVEMENT REPLACEMENT NEW STEAM LINE TO BE INSTALLED NEW PERMANENT STEAM STACK

SCOPE - KEY NOTES

NOTE

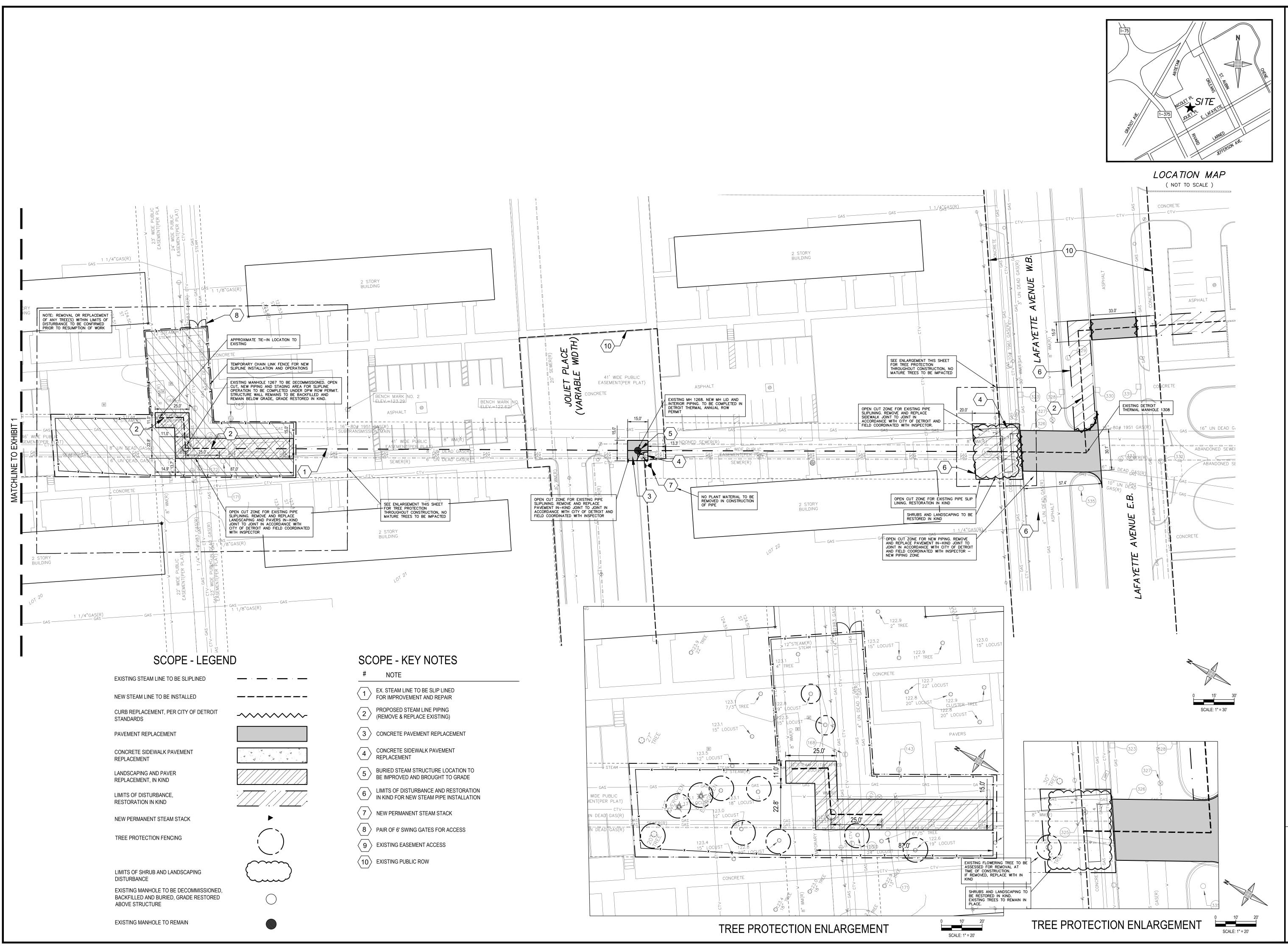
EX. STEAM LINE TO BE SLIPLINED FOR IMPROVEMENT AND REPAIR

2 CONCRETE PAVEMENT REPLACEMENT

7 NEW PERMANENT STEAM STACK

9 EXISTING EASEMENT ACCESS

10 EXISTING PUBLIC ROW



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Developed For:

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Detroit, MI 48226 (313) 963-3844

541 Madison St,

STEAM LINE IMPROVEMENTS SOUTH

> Lafeyette Park -Detroit Thermal

> > Municipality County MICHIGAN

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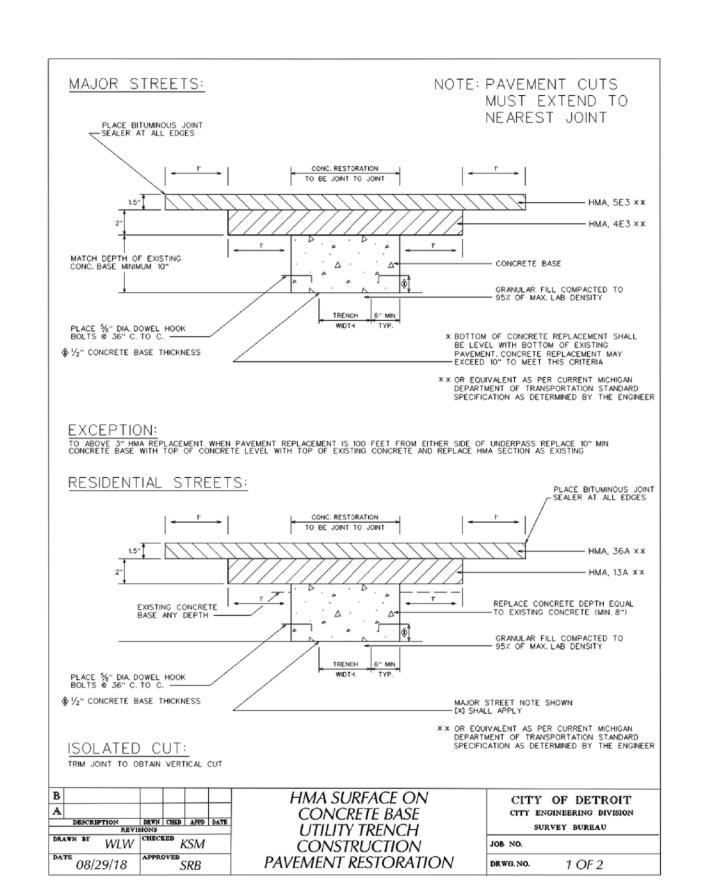
CITY OF DETROIT NOTES

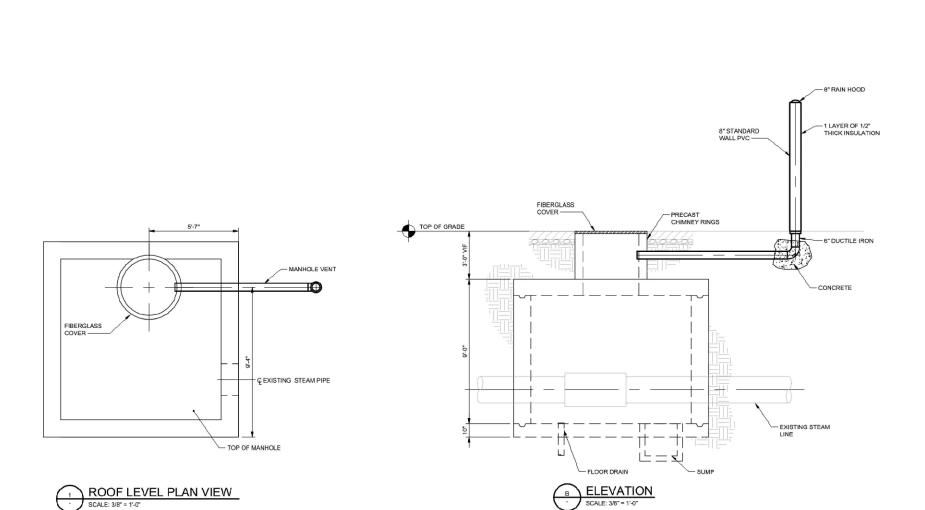
- 1. MILL (REMOVE) HMA PAVEMENT WITHIN AND BEYOND THE AREA OF TRENCH PAVEMENT REMOVAL IN ORDER TO DETERMINE LOCATION OF UNDERLYING CONCRETE BASE PAVEMENT JOINTS. MILL MINIMUM TO 1' BEYOND NEAREST
- 2. EXTEND UTILITY TRENCH CONCRETE PAVEMENT REMOVAL TO ALL CONCRETE PAVEMENT JOINTS AND / OR CURBS ADJACENT TO THE TRENCH AREA. REMOVAL SHALL BE "JOINT TO JOINT".
- 3. CONCRETE PAVEMENT CUTS SHALL BE MINIMUM 3' WIDE.
- 4. ALL PAVEMENT CUTS SHALL BE MINIMUM 1' WIDER THAN TRENCH WIDTH.
- 5. ALL REMOVALS SHALL BE SAWCUT STRAIGHT AND SQUARE (90 DEGREES).
- 6. CONCRETE RESTORATION PAVEMENT SHALL BE MDOT P1 MIX (3,500 PSI).
- 7. RESTORED CONCRETE PAVEMENT SHALL MATCH THICKNESS OF EXISTING CONCRETE PAVEMENT IN CONFORMANCE WITH MDOT STANDARDS DETAIL R-44-F
- 8. RESTORED CONCRETE SHALL BE ANCHORED TO EXISTING CONCRETE PAVEMENT IN CONFORMANCE WITH MDOT STANDARD DETAIL R-44-F
- 9. APPLY HMA TACK COAT PER MDOT STANDARD SPECIFICATIONS SECTION 904.
- 10. RESTORE HMA PAVEMENT 31/2" TO MATCH EXISTING, IN 2 LIFTS: 1ST LIFT - 2" MDOT HMA 4E3 (13A RESIDENTIAL), COMPACTED, EXTENDED 1' BEYOND BASE CONCRETE REPAIR.
 - 2ND LIFT $1\frac{1}{2}$ " MDOT HMA 5E3 (36A RESIDENTIAL), COMPACTED, EXTENDED 1' BEYOND 1ST LIFT ..
- 12. ALL DISTRUBED PAVEMENT MARKINGS AND OTHER ASSETS, INCLUDING BIKE LANE DELINEATORS, WILL HAVE TO BE REPLACED AT THE COST OF THE PERMIT HOLDER, AND SHALL CONFORM TO THE LATEST CED / TED STANDARDS.

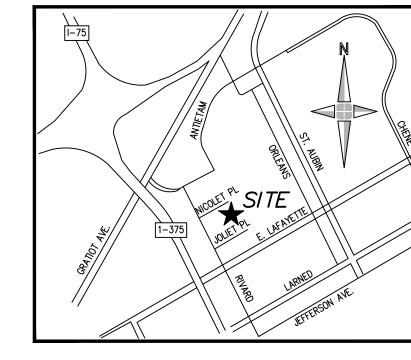
11. BITUMINOUS JOINT SEALER SHALL BE PLACED AT ALL FINISHED HMA JOINTS.

- 13. FOR OTHER RELATED SPECIFICATIONS (BACKFILL COMPACTION, MATERIALS, ETC ...) REFER TO DIVISION 15 OF THE STANDARD SPECIFICATIONS FOR PAVING AND RELATED CONSTRUCTION.
- 14. NOTIFY THE CITY OF DETROIT ENGINEERING DEPARTMENT 24 HOURS PRIOR TO STARTING CONSTRUCTION.
- 15. ANY OPEN EXCAVATIONS ARE TO BE STEEL PLATED. IF EXCAVATIONS ARE IN THE PAVEMENT, THE PLATES ARE TO BE SPIKED AND RAMPED WITH COLD PATCH. CONTACT THE CITY WITH LOCATION OF THE STEEL PLATE.
- 16. THE CITY OF DETROIT REQUIRES ALL CONCRETE WORK TO BE STAMPED WITH A CONTRACTORS IDENTIFICATION STAMP.

В					HMA SURFACE ON	CITY	OF DETROIT
A					CONCRETE BASE	CITY EN	GINEERING DIVISION
DES	CRIPTION REVIS			D DATE	UTILITY TRENCH	SU	RVEY BUREAU
DRAWN B	WLW.	CHECKEE	KSM	1	CONSTRUCTION	JOB NO.	
DATE OF	3/29/18	APPROVI	SRB		PAVEMENT RESTORATION	DRWG. NO.	2 OF 2







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DETAILS

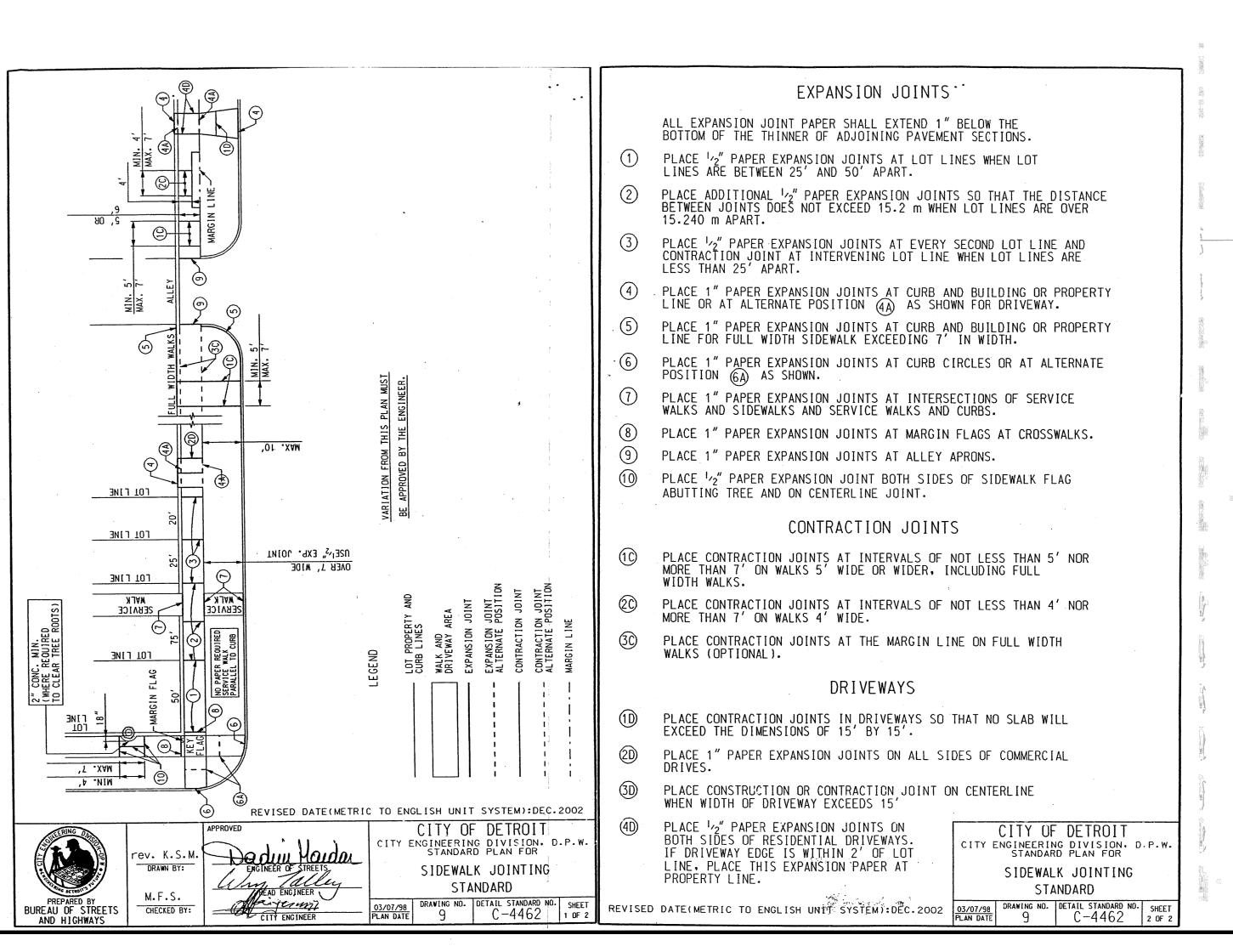
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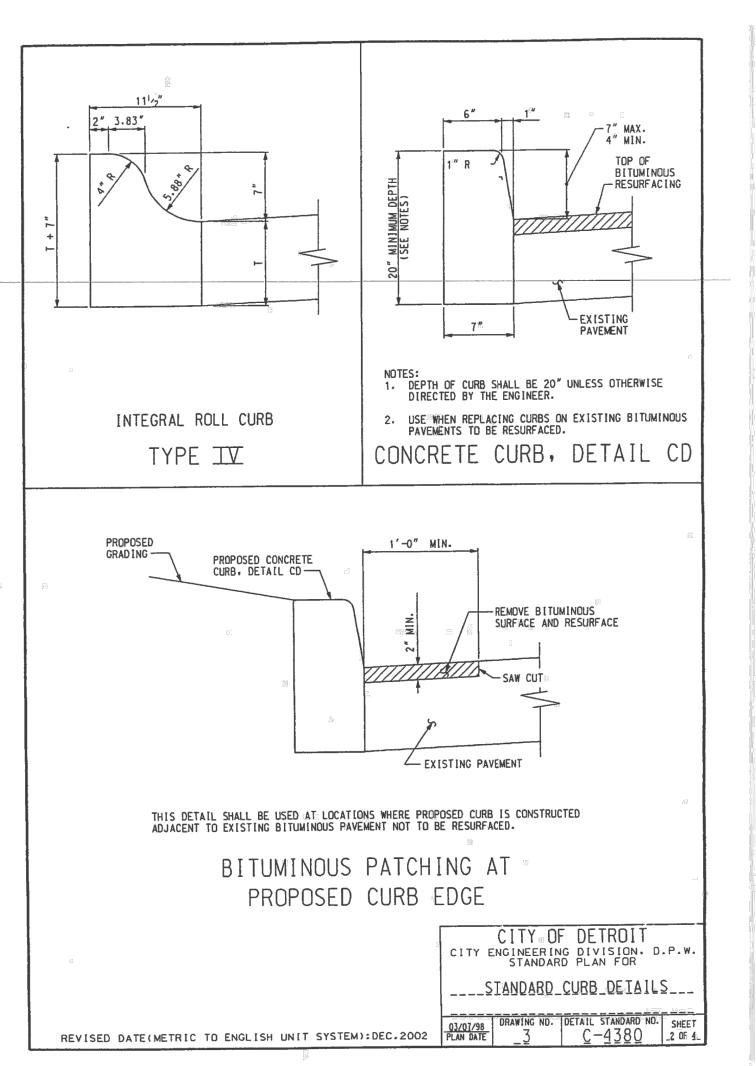
Municipality County MICHIGAN

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PERMANENT STEAM STACK - DETROIT THERMAL STANDARD





NOTE: CHANGES OUTLINING LANDSCAPING AND ACCESS DETAILS MAY REQUIRE FUTURE AMENDMENT