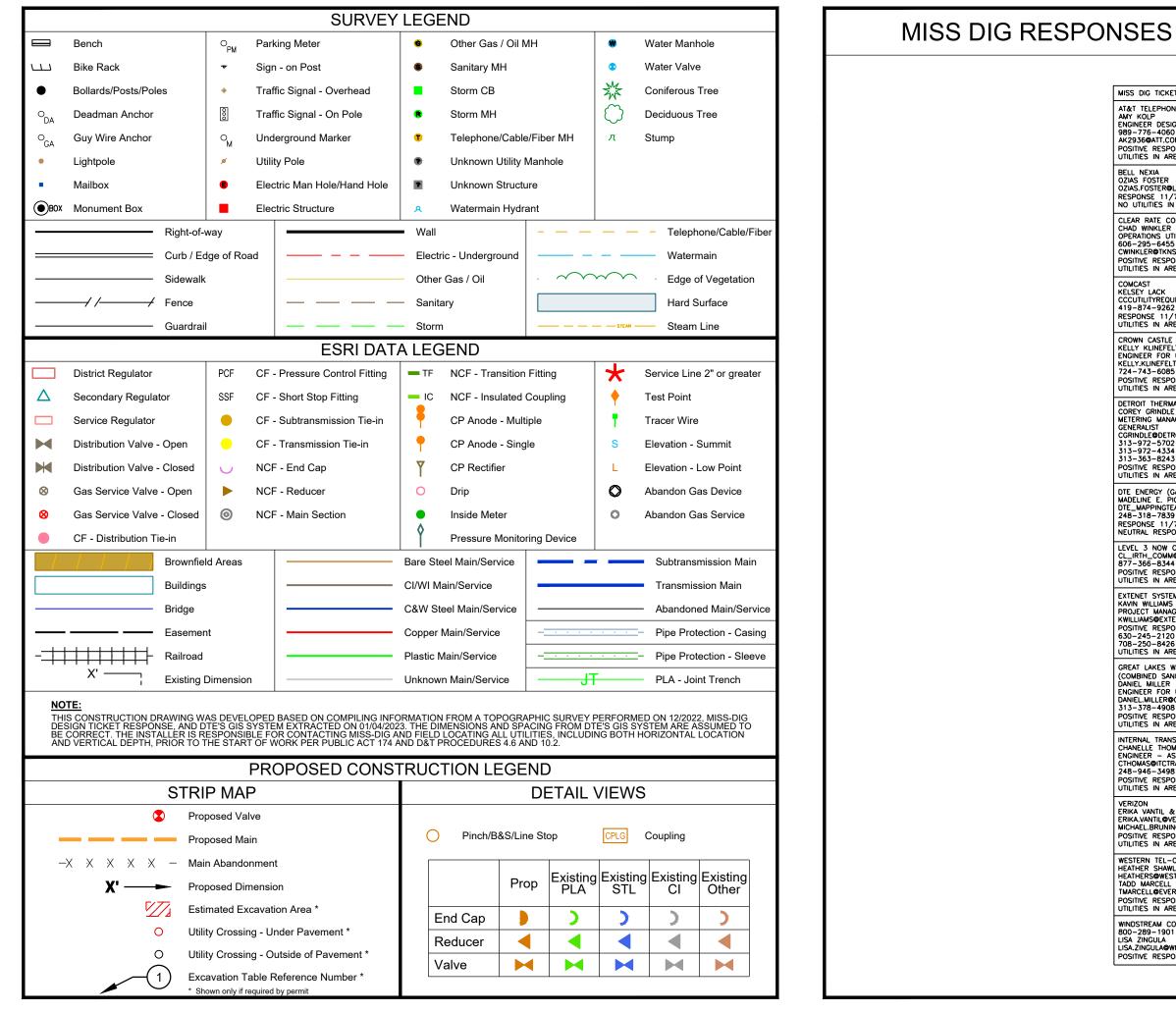
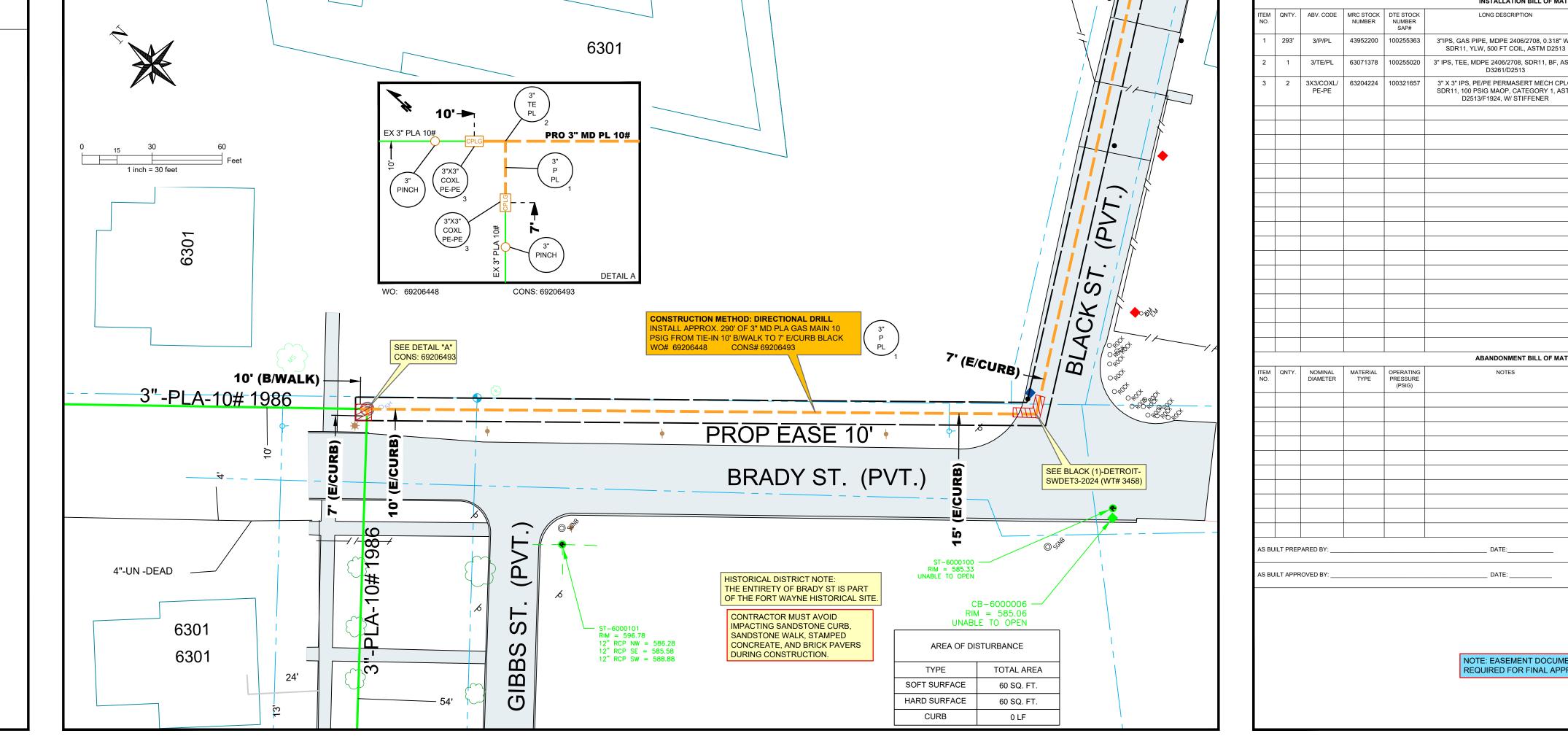
	NAME:)-DETROIT-S	SWDET3-2024-REV 0	DTE	WADE TRIM	DTE GENERAL NOTES 04/12/2023	PRESSURE TESTING 1. NEW MAIN AND NEW SERVICE LINES SHALL BE TESTED IN ACCORDANCE V LINES TIED OVER TO THE NEW MAIN MUST BE TESTED PER D&T PROCEDUF 2. COMPLETED PRESSURE TEST INFORMATION MUST BE RECORDED ON THE	RE 11.2. AS-BUILT INDICATING THE COMPANY		
/INIC	NO.: WT# 34	55 CITY: DETROIT	COUNTY: WAYNE	PAGE: 1 OF 1	GENERAL NOTES 1. ALL WORK AND MATERIALS SHALL MEET THE REQUIREMENTS OF APPLICABLE DTE GAS DISTRIBUTION & TRANSMISSION SYSTEMS (DTS)	THE TEST, THE DATE, THE TEST PRESSURE, TEST DURATION, TEST MEDIUI	-		
		- 			STANDARDS AND DISTRIBUTION & TRANSMISSION (D&T) PROCEDURES. REFER TO DTS STANDARD 801 AND TO INDIVIDUAL D&T PROCEDURES FOR	PRESSURE TEST SPECIFICATIONS COMPLETED PRESSURE TEST INFORMATION	PRESSURE TEST SPECIFICATIONS	COMPLETED PRES	SSURE T
E OF	STREET	R.O.W. P.L. SDWK. MARGIN	PAV'T PKWY. PROJECT II	D: SEGRID2024SWDET3	COVERED TASKS REQUIRING OPERATOR QUALIFICATIONS. 2. PERFORM A FIELD REVIEW OF THE PROPOSED INSTALLATION IN COMPARISON WITH THE EXISTING FIELD CONDITIONS PRIOR TO BEGINNING	PROPOSED MAOP 60 PSIG COMPANY	PROPOSED MAOP 60 PSIG		+
Υ		- - - -	30' - STREET: E		WORK TO VERIFY THE PROPOSED INSTALLATION IS CONSTRUCTIBLE AND CONSISTENT WITH DTS STANDARDS AND D&T PROCEDURES. IF	SYSTEM MAOP 10 PSIG TESTED BY/DATE	SYSTEM MAOP 10 PSIG		+
			FROM: NO	RTH OF GIBBS	CONFLICTS ARE IDENTIFIED THAT PREVENT THE PROPOSED INSTALLATION FROM BEING INSTALLED AS DESIGNED, CONTACT DTE ENGINEERING FOR REVIEW.	MIN TEST PRESSURE 90 PSIG TEST PRESSURE PSIG	MIN TEST PRESSURE 90 PSIG		+
			 		3. CONTACT THE MICHIGAN ONE-CALL CENTER (MISS DIG) AT 811 TO REQUEST MARK-OUT OF BURIED UTILITIES AT LEAST 72 HOURS IN ADVANCE OF EXCAVATION. IN ACCORDANCE WITH MICHIGAN PUBLIC ACT 174. LOCATE ALL UTILITIES PRIOR TO STARTING CONSTRUCTION. SEE D&T	MAX TEST PRESSURE 96 PSIG TEST DURATION HRS	MAX TEST PRESSURE 96 PSIG	TEST DURATION	+
			WORK ORL	DER NUMBERS:	PROCEDURES 4.6 AND 10.2.	TEST DURATION VARIES* TEST MEDIUM	TEST DURATION VARIES*	TEST MEDIUM	\perp
			3" INSTALL		4. ALL RESTORATION SHALL BE PERFORMED PER THE SPECIFICATIONS OF THE JURISDICTIONAL AUTHORITY. 5. TRAFFIC CONTROL SHALL BE IMPLEMENTED AND PERFORMED PER THE LATEST EDITION OF THE MICHIGAN MANUAL OF UNIFORM TRAFFIC	ACCEPTABLE TEST MEDIUM ACCEPT	ACCEPTABLE TEST MEDIUM AIR N2 ⊠ CO2 H2O	CHARTED FROM:	YES
			WO: 692064 CONS: 6920		CONTROL DEVICES (MMUTCD).				
			GOING. 0920	50433	 ALL TRENCHING AND EXCAVATIONS SHALL BE PERFORMED PER MIOSHA RULES AND REGULATIONS. ALL CUSTOMER FUEL GAS LINES SHALL BE INSTALLED PER THE LATEST EDITION OF THE MICHIGAN RESIDENTIAL CODE AND MICHIGAN 	O CERT. CHART REQUIRED	CERT. CHART REQUIRED	TO	
			 		MECHANICAL CODE.	*REFER TO STANDARD 501 AND PROCEDURE 10.21 FOR TEST DURATION	*REFER TO STANDARD 501 AND PROCEDURE 10.21 FOR TEST DURATION		
					 THE AS-BUILT LOCATION AND CONDITION MUST BE SKETCHED AND DOCUMENTED WITH ROW OFFSET DIMENSIONS. ANY DEVIATIONS FROM THIS DRAWING OR DTS STANDARDS AND D&T PROCEDURES MUST BE APPROVED BY DTE ENGINEERING PRIOR TO THE BEGINNING OF WORK. REFER TO D&T PROCEDURE 10.20 FOR POST-CONSTRUCTION REQUIREMENTS, INCLUDING END-OF-DAY LEAK CHECKS FOLLOWING CONSTRUCTION OF MAINS AND SERVICE LINES BY DIRECTIONAL DRILLING. 				
					10. MAINS MUST BE PIGGED IN ACCORDANCE WITH D&T PROCEDURE 10.19 PRIOR TO TESTING.	PRESSURE TEST SPECIFICATIONS COMPLETED PRESSURE TEST INFORMATION	PRESSURE TEST SPECIFICATIONS	COMPLETED PRES	SSURE T
				I	STEEL PIPE	PROPOSED MAOP 60 PSIG COMPANY	PROPOSED MAOP 60 PSIG	COMPANY	\perp
					 STEEL PIPE SHALL BE PER DTE GAS MATERIAL STANDARD MS 13-1. ANY FITTINGS SHALL BE PER THEIR APPLICABLE MATERIAL STANDARDS. ALL WELDING SHALL BE PERFORMED PER DTS STANDARD 221 AND APPLICABLE DTE GAS WELDING PROCEDURES. THE WELDING PROCEDURE 	SYSTEM MAOP 10 PSIG TESTED BY/DATE	SYSTEM MAOP 10 PSIG	TESTED BY/DATE	\perp
					BEING USED MUST BE READILY AVAILABLE ON THE JOB SITE WHENEVER PRODUCTION WELDS ARE BEING MADE.	MIN TEST PRESSURE 90 PSIG TEST PRESSURE PSIG	MIN TEST PRESSURE 90 PSIG	TEST PRESSURE	\perp
					 METALLIC GAS PIPING SHALL BE COATED IN ACCORDANCE WITH DTS STANDARD 451 WITH APPROVED COATING MATERIALS LISTED IN D&T PROCEDURE 5.2. THE APPLICATION OF COATINGS SHALL CONFORM TO APPLICABLE D&T PROCEDURES AND MANUFACTURER INSTRUCTIONS. 	MAX TEST PRESSURE 96 PSIG TEST DURATION HRS	MAX TEST PRESSURE 96 PSIG	TEST DURATION	\perp
					4. ALL TIE-IN WELDS ON SYSTEMS >100 PSIG MUST BE DOCUMENTED ON FORM 5432 AND APPROVED BY THE MANAGER OF DISTRIBUTION ENGINEERING.	TEST DURATION VARIES* TEST MEDIUM	TEST DURATION VARIES*	TEST MEDIUM	\perp
						ACCEPTABLE TEST MEDIUM ACCEPT	ACCEPTABLE TEST MEDIUM	CHARTED FROM:	YES
					POLYETHYLENE (PLASTIC) PIPE 1. POLYETHYLENE PIPE SHALL BE PER DTE GAS MATERIAL STANDARDS MS 15-5 & 15-6. ANY FITTINGS SHALL BE PER THEIR APPLICABLE MATERIAL		# CO2 H2O	PROM.	
			 		STANDARDS - REFER TO MATERIAL STANDARD MS 16-2 FOR ELECTROFUSION FITTINGS AND TO MATERIAL STANDARD MS 16-21 FOR HEAT FUSION FITTINGS.	CERT. CHART REQUIRED	CERT. CHART REQUIRED YES NO	TO	
					2. SQUEEZING OFF POLYETHYLENE PIPE MUST BE PERFORMED PER D&T PROCEDURE 1.3. THE PRESSURE MUST BE MONITORED ON BOTH SIDES OF	∀ *REFER TO STANDARD 501 AND PROCEDURE 10.21 FOR TEST DURATION	*REFER TO STANDARD 501 AND PROCEDURE 10.21 FOR TEST DURATION	10.	
			8	CALL 3 FULL WORKING DAYS BEFORE YOU DIG	 THE SQUEEZE PRIOR TO AND DURING THE SQUEEZE. 3. JOINING OF POLYETHYLENE MATERIALS SHALL BE PERFORMED PER DTS STANDARD 281A, 281B, AND DTE PLASTIC PIPE JOINING PROCEDURES. 4. INSTALL AND CONNECT LOCATING WIRE FOR PLASTIC MAINS AND SERVICE LINES IN ACCORDANCE WITH D&T PROCEDURE 10.17 AND STANDARD DRAWING D-122.12. 5. FIELD COLD BENDS OF POLYETHYLENE PIPE MUST BE PERFORMED PER D&T PROCEDURE 10.10 UNLESS OTHERWISE SPECIFIED. 	PRESSURE TEST SPECIFICATIONS COMPLETED PRESSURE TEST INFORMATION	PRESSURE TEST SPECIFICATIONS	COMPLETED PRES	
/IITS		EASE. MUN COUNTY MDOT	Know w	hat's below. MISS DIG	SERVICE LINES	PROPOSED MAOP 60 PSIG COMPANY	PROPOSED MAOP 60 PSIG	COMPANY	$\overline{}$
IRED)	X X	X Call E	pefore you dig. 1-800-482-7171	1. PRIOR TO PERFORMING SERVICE LINE AND SERVICE MANIFOLD WORK, FIELD REVIEW ALL SERVICES AND VERIFY THE SPECIFIED SERVICE WO	SYSTEM MAOP 10 PSIG TESTED BY/DATE		TESTED BY/DATE	+
	•	DEV/ICI/			TYPE IS CORRECT. CONTACT ENGINEERING REGARDING ANY DISCREPANCIES. ANY SERVICE LINE THAT CONSISTS OF MULTIPLE MATERIAL TYPES MUST BE RENEWED. ANY SERVICE LINE THAT IS DISCONNECTED AND DEPRESSURIZED FOR TIE-OVER MUST BE TESTED AT THE TIME OF TIE-OVER	MIN TEST PRESSURE 90 PSIG TEST PRESSURE PSIG	MIN TEST PRESSURE 90 PSIG	TEST PRESSURE	+
		REVISIO	ON HISTORY		IN ACCORDANCE WITH DTS STANDARD 501 AND D&T PROCEDURE 11.2.	MAX TEST PRESSURE 96 PSIG TEST DURATION HRS	MAX TEST PRESSURE 96 PSIG	TEST DURATION	+
	DATE		REVISION DESCRIPTION		 SERVICE LINES SHALL BE RENEWED AND CONSTRUCTED PER DTS STANDARD 351 AND D&T PROCEDURE 10.16. ANY EXISTING SERVICE LINE 2" OR LARGER, RECEIVING ELEVATED PRESSURE, OR WITH A METER OF AL800 OR LARGER METER SHALL BE RESIZED 	TEST DURATION VARIES* TEST MEDIUM	TEST DURATION VARIES*	TEST MEDIUM	
					AT THE NEW SYSTEM MAOP PER DTS STANDARD 351.	ACCEPTABLE TEST MEDIUM AIR N2 CHARTED YES □ NO □	ACCEPTABLE TEST MEDIUM AIR № №	CHARTED	YES
	09/28/2023		SSUED FOR CONSTRUCTION		4. SERVICE REGULATORS SHALL BE RENEWED FOR THE NEW SYSTEM MAOP BASED ON DTS DRAWING D-265 FOR CUSTOMERS RECEIVING ¼ PSIG. CUSTOMERS RECEIVING ELEVATED PRESSURE OR WITH METERS LARGER THAN 11M, MUST BE DESIGNED BY ENGINEERING.	# CO2 H2O FROM:	## CO2 H2O	FROM:	
					 SINGLE FAMILY RESIDENTIAL SERVICE LINES TO BE CONTINUOUSLY OPERATED ABOVE 10 PSIG SHALL BE EQUIPPED WITH AN EXCESS FLOW VALVE AT THE OUTLET OF THE SERVICE TEE CONNECTED TO THE MAIN PER DTS STANDARD 351 AND D&T PROCEDURE 10.1. 	Q CERT. CHART REQUIRED YES NO ⊠	CERT. CHART REQUIRED YES NO	_	
				I	6. SINGLE FAMILY CUSTOMER METER ASSEMBLIES SHALL BE PLACED IN ACCORDANCE WITH D&T PROCEDURE 10.18.	*REFER TO STANDARD 501 AND TO:	*REFER TO STANDARD 501 AND	TO:	
					CORROSION CONTROL	PROCEDURE 10.21 FOR TEST DURATION	PROCEDURE 10.21 FOR TEST DURATION		
				I	1. CORROSION CONTROL APPROVAL IS REQUIRED FOR:				
				I	a. INSTALLING NEW STEEL SERVICES, INCLUDING TRANSITIONS FROM STEEL TO PLASTIC.b. INSTALLING NEW STEEL FITTINGS, RISERS, COUPLINGS, AND/OR END CAPS ON STEEL OR CAST IRON.			1	
					c. INSTALLING PLASTIC PIPE, PLASTIC FITTINGS, OR INSULATORS WITHIN A STEEL SEGMENT, BETWEEN STEEL SEGMENTS, BETWEEN STEEL AND CAST IRON, OR PLASTIC EXTENSIONS.	PRESSURE TEST SPECIFICATIONS COMPLETED PRESSURE TEST INFORMATION	PRESSURE TEST SPECIFICATIONS	COMPLETED PRES	SSURE T
				I	d. INSTALLING NEW STEEL MAINS AND SERVICES AND/OR ABANDONING STEEL MAINS AND SERVICES.	PROPOSED MAOP 60 PSIG COMPANY	PROPOSED MAOP 60 PSIG		+
					 FOR SERVICE TO MAIN CONNECTIONS, REFER TO D&T PROCEDURE 5.18, DRAWING D-222 FOR CATHODIC PROTECTION REQUIREMENTS ON BOTH THE MAIN AND SERVICE INCLUDING INSULATORS, ANODES, AND TEST WIRE REQUIREMENTS. A LIST BY ADDRESS AND STREET OF EACH STEEL 	SYSTEM MAOP 10 PSIG TESTED BY/DATE			+
SNED	BY: DAVI	D LANGSTON 08/07/2023	DISTRIBUTION ENG. REVIEW	N:	SERVICE LINE TO BE CONNECTED TO THE PLASTIC MAIN SHALL BE SENT TO CORROSION CONTROL.	MIN TEST PRESSURE 90 PSIG TEST PRESSURE PSIG		TEST PRESSURE	+
			DISTRIBUTION ENG. APPRO	DVAL:	3. UNLESS OTHERWISE SPECIFIED BY CORROSION CONTROL, ANODES AND TEST WIRE MUST BE INSTALLED ON EACH BURIED STEEL COMPONENT (COUPLING, END CAP, ETC) PER D&T PROCEDURES 5.1 AND 5.18. THIS INCLUDES INSULATED STEEL COMPONENTS INSTALLED ON CAST IRON OR	MAX TEST PRESSURE 96 PSIG TEST DURATION HRS	MAX TEST PRESSURE 96 PSIG	TEST DURATION	+
SN AI	PPROVAL BY	: NATHANIEL NAZARENO 08/09	0/2023 CORROSION APPROVAL: I	D. SPONSELLERS 08/31/2023	STEEL MAINS AND SERVICÉS. 4. UNLESS OTHERWISE SPECIFIED BY CORROSION CONTROL, INSULATE ALL STEEL TO CAST IRON AND STEEL TO STEEL TIE-INS AND INSTALL	TEST DURATION VARIES* TEST MEDIUM	TEST DURATION VARIES*	TEST MEDIUM	+
	5.50	IONI VENDOD: WADE TOWN	GRP APPROVAL:	5. 5. 6.10EEEE110 00/01/2020	4. UNLESS OTHERWISE SPECIFIED BY CORROSION CONTROL, INSULATE ALL STEEL TO CAST IRON AND STEEL TO STEEL TIE-INS AND INSTALL ANODES & TEST WIRE IN 8" R/W BOX ON TIE-IN FITTINGS PER D&T PROCEDURE 5.1 AND 5.18. CONTACT CORROSION CONTROL DEPARTMENT TO TEST THE INSULATED FITTINGS BEFORE BACKFILLING.	ACCEPTABLE TEST MEDIUM ACCEPTABLE TEST MEDIUM ACCE	ACCEPTABLE TEST MEDIUM AIR CO2 H20 CO3	CHARTED FROM:	YES
SACI		IGN VENDOR: WADE TRIM TE 201 FLINT, MICHIGAN 48502 (810) 23		FS 08/18/2023	5. INSTALLATION OF NEW STEEL MAINS AND SERVICE SHALL FOLLOW REQUIREMENTS LISTED IN D&T PROCEDURES 10.8 INSTALLING STEEL PIPE	U CERT. CHART REQUIRED SES NO	CERT. CHART REQUIRED YES NO	1	
		, , ,			AND 10.11 TRENCHLESS INSTALLATION OF MAINS AND SERVICES LINES. CONTACT CORROSION CONTROL TO MEASURE COATING THICKNESS AND DISCUSS JEEPER SETTINGS PRIOR TO INSTALL. CONTACT CORROSION CONTROL TO PERFORM COATING SURVEY AFTER BACKFILL AND BEFORE	*REFER TO STANDARD 501 AND TO:	*REFER TO STANDARD 501 AND	TO:	
ACTICI ACTICI	ES. THE DESIGN I	S WAS PREPARED IN ACCORDANCE WITH DTS ST S BASED ON DTE GIS AND RECORD INFORMATIC T IS DEPICTED, CONTACT DTE ENGINEERING FOF TO DTS STANDARDS AND D&T PROCEDURES FO	N, WHEN AVAILABLE, WHICH MAY NOT ALW REVIEW FOR ANY CONSTRUCTION ACTIVE	AALL AGGETTED ENGINEERING PRINCIPLES AYS DEPICT TRUE FIELD CONDITIONS. IF FIELD ITY THAT IS NOT SPECIFICALLY DESIGNED.	HARD SURFACE RESTORATION. IF TRENCHLESS INSTALLATION OF MAINS AND SERVICES LINES (10.11 D&T PROCEDURE) IS BEING PERFORMED, CONTACT CORROSION CONTROL TO PERFORM CURRENT REQUIREMENT TEST AND COATING INSPECTION PRIOR TO TIE-IN.	PROCEDURE 10.21 FOR TEST DURATION	PROCEDURE 10.21 FOR TEST DURATION		
ECIFIE	D HEREIN REFER	TO DTS STANDARDS AND D&T PROCEDURES FO	OR GUIDANCE OR CONTACT DTE ENGINEER	ING.	6. NOTIFY CORROSION CONTROL TO PERFORM CURRENT REQUIREMENT TEST AND COATING INSPECTION PRIOR TO TIE-IN.				

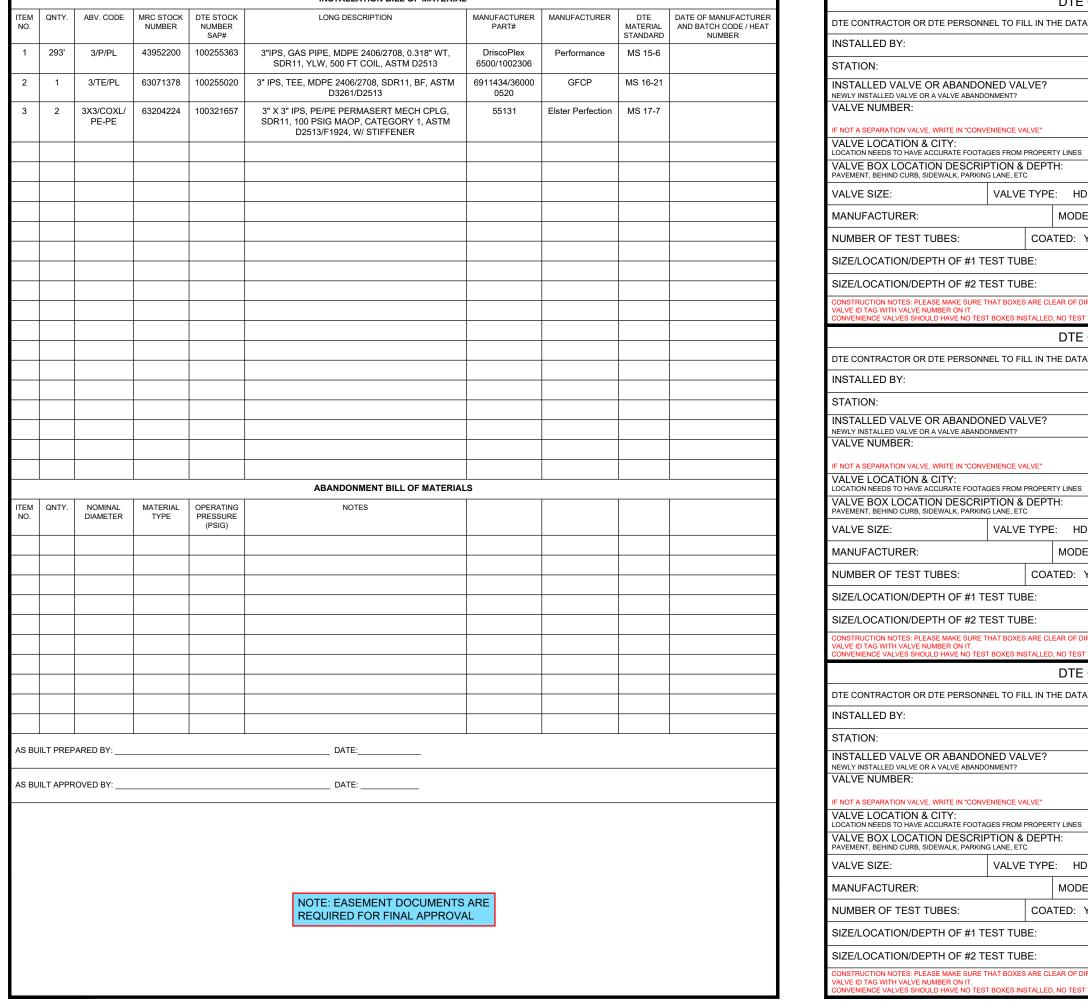
VER TO T PRESSU	THE NEV	V MAI	N MUST BE TEST DRMATION MUST	ED PER D&T PI BE RECORDEI	ROCEI D ON T	OURE HE AS	H DTS STANDARD 501 11.2. S-BUILT INDICATING TH	IE COMPANY					
TEST SPECI			COMPLETED PRESSU				PRESSURE TEST SPECI		COMPLETED PRESS	SURE TEST INFORMATION			JTILITY SHALL NOTIFY THE CITY A
) 	60 PS		COMPANY	JRE TEST INFORMA	TION		PROPOSED MAOP	60 PSIG	COMPLETED PRESS	BURE TEST INFORMATION			TROL PLANS FOR THE PLANNED P
	10 PS		TESTED BY/DATE				SYSTEM MAOP	10 PSIG	TESTED BY/DATE			PUBLI	IC WORKS (DPW) EMPLOYEES: twymanm@detroitmi.gov DTEannualpermits@detroitm
UDE		SIG	·		DOLO					Delo			daniel.calloway@detroitmi.go dohertyri@detroitmi.gov
URE			TEST PRESSURE		PSIG		MIN TEST PRESSURE	90 PSIG	TEST PRESSURE	PSIG			davism@detroitmi.gov
SURE		SIG	TEST DURATION		HRS		MAX TEST PRESSURE	96 PSIG	TEST DURATION	HRS			NOTIFICATIONS SHALL BE SUBMIT JTILITY SHALL NOTIFY THE CITY V
	AIR N		TEST MEDIUM	V=0 =			TEST DURATION	VARIES* AIR N2 ⊠ ⊠	TEST MEDIUM	 	4		DIG SHALL BE NOTIFIED PRIOR T
ST MEDIUM		1	CHARTED FROM:	YES NO		#	ACCEPTABLE TEST MEDIUM	⊠BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB<	CHARTED FROM:	YES NO	4	5. TRAF	FIC CONTROL SHALL BE INSTALL
OLUBED	YES N] O				ORDER	CERT CHART RECUIRED	YES NO					CIFICATIONS (AS PUBLISHED.) BORING OPERATIONS SHALL BE S
QUIRED STANDARD	□ ⊠	1	TO:			\ \frac{\frac}}}}}}{\frac}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fin}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fin}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fin}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{	*REFER TO STANDARD	□ ⊠	TO:				SS OTHERWISE SPECIFIED, PIPE
0.21 FOR TE		ON				WORK	PROCEDURE 10.21 FOR TE						PIPE, OR THREE (3) FEET OF COV
												FOR F	SS OTHERWISE SPECIFIED, ALL T PROPER DRAINAGE FORM THE SI R SHALL BE THOROUGHLY COMP
TEST SPECI	FICATIONS		COMPLETED PRESSU	JRE TEST INFORMA	TION		PRESSURE TEST SPECI	FICATIONS	COMPLETED PRESS	SURE TEST INFORMATION			RNIGHT, PROVIDED THAT EACH SU FORMED UNDER THE ANNUAL PER
-	60 PS	SIG	COMPANY				PROPOSED MAOP	60 PSIG	COMPANY				MANENT RESTORATION SHALL BE
	10 PS	SIG	TESTED BY/DATE				SYSTEM MAOP	10 PSIG	TESTED BY/DATE			HAVIN	NG BEEN COMPLETED. FOR ALL V
URE	90 PS	SIG	TEST PRESSURE		PSIG		MIN TEST PRESSURE	90 PSIG	TEST PRESSURE	PSIG			NEERING SPECIFICATIONS AND S
SURE	96 PS	SIG	TEST DURATION		HRS		MAX TEST PRESSURE	96 PSIG	TEST DURATION	HRS			EQUENT JUNE 30. FILL AND RESTORE IN ACCORDA
	VARIES	S*	TEST MEDIUM				TEST DURATION	VARIES*	TEST MEDIUM				SSING GRAVEL ROADS FOR UNDE
ST MEDIUM	AIR N ⊠ ⊠		CHARTED	YES 🗆 NO			ACCEPTABLE TEST MEDIUM	AIR N2 ⊠	CHARTED	YES NO		12. IT SH/	ALL BE UNACCEPTABLE FOR THE
	CO2 H		FROM:			ER#		CO2 H2O	FROM:				ANNUAL PERMIT. IN THE EVENT T
QUIRED	YES N					ORO	CERT. CHART REQUIRED	YES NO ⊠					NEERING WILL BE NOTIFIED IMME T MANAGEMENT AND ENGINEERI
STANDARD			TO:			WORK	*REFER TO STANDARD PROCEDURE 10.21 FOR TE		TO:				WORK SITE SHALL BE RESTORED
TEST SPECI	EICATIONS		COMPLETED PRESSU	IDE TEST INICODMA	TION		PRESSURE TEST SPECI	EICATIONS	COMPLETED DRESS	SURE TEST INFORMATION		13. ALL A	CIENT WORK AND REPLACE IT WI' APPLICABLE REQUIREMENTS OF L JTILITY SHALL PROVIDE AND MAIR
) 			COMPANY	JIL TEOT IN ORWA	111014		PROPOSED MAOP	60 PSIG	COMPANY	TEST IN CRIMATION	4		DETDC
								10 PSIG	TESTED BY/DATE				DETRO
up.	10 PS		TESTED BY/DATE		POLO		SYSTEM MAOP			5010		• OUR	RECORDS INDICATE THAT THERE
URE		SIG	TEST PRESSURE		PSIG		MIN TEST PRESSURE	90 PSIG	TEST PRESSURE	PSIG			DWSD'S REQUIREMENT THAT ANY
SURE	96 PS		TEST DURATION		HRS		MAX TEST PRESSURE	96 PSIG	TEST DURATION	HRS			W DWSD ASSETS. ALSO, ANY PRO OR MANHOLE OUTSIDE WALL. NO
	VARIES AIR N		TEST MEDIUM				TEST DURATION	VARIES*	TEST MEDIUM				RE ARE POSSIBILITIES OF SEVERA
ST MEDIUM		1	CHARTED FROM:	YES NO		#	ACCEPTABLE TEST MEDIUM	⊠ ⊠ CO2 H2O	CHARTED FROM:	YES NO	4	REQU	JIRED CLEARANCE.
		10				DER		YES NO					OIT WATER AND SEWERAGE DEP
QUIRED]	TO:			K ORD	CERT. CHART REQUIRED		TO:				RAGE OF BUILDING MATERIALS DI E THE DWSD FACILITIES ARE INVO
STANDARD 0.21 FOR TE			10.			WORK	*REFER TO STANDARE PROCEDURE 10.21 FOR TE		10.				FRACTOR SHALL BE LIABLE FOR A
		<u>'</u>							1			WAIVE	E ALL CLAIMS FOR DAMAGES UNI
TEST SPECI	FICATIONS		COMPLETED PRESSU	JRE TEST INFORMA	TION		PRESSURE TEST SPECI	FICATIONS	COMPLETED PRESS	SURE TEST INFORMATION			
)	60 PS	SIG	COMPANY				PROPOSED MAOP	60 PSIG	COMPANY				C
	10 PS	SIG	TESTED BY/DATE				SYSTEM MAOP	10 PSIG	TESTED BY/DATE			1. 7	TEN (10) DAY PRIOR TO CONSTRU
URE	90 PS	SIG	TEST PRESSURE		PSIG		MIN TEST PRESSURE	90 PSIG	TEST PRESSURE	PSIG		2. A	A MINUMUM NET HORIZONTAL CL MAINTAINED. CONTRACTOR SHAL
SURE	96 PS	SIG	TEST DURATION		HRS		MAX TEST PRESSURE	96 PSIG	TEST DURATION	HRS			CONTRACTOR SHALL PROVIDE A INSPECTIONS.
	VARIES	S*	TEST MEDIUM				TEST DURATION	VARIES*	TEST MEDIUM				UTILITY PROTECTION MEASURES
ST MEDIUM	AIR N	1	CHARTED	YES 🗆 NO			ACCEPTABLE TEST MEDIUM	AIR N2	CHARTED	YES NO		(CERTIFICATE OF INSUREANCE (C OF ANY DAMAGE TO OUR ASSET(GENERAL LIABILITY POLICY OR, A
]	FROM:			ORDER#		CO2 H2O	FROM:			·	314,7
QUIRED	YES N □ ⊠	1				< ORE	CERT. CHART REQUIRED	YES NO ⊠	70		 		
STANDARD 0.21 FOR TE			TO:			WORK	*REFER TO STANDARD PROCEDURE 10.21 FOR TE		TO:				
							1		1		1		
											J L		

1.	THE UTILITY SHALL NOTIFY THE CITY AT LEAST ONE (1) WEEK IN ADVANCE OF BEGINNING ANY NEW PROJECT. THE UTILITY SHALL PROVIDE DETAILED PLANS, WORK PROCEDURES AND TRAFFIC CONTROL PLANS FOR THE PLANNED PROJECT AT LEAST ONE (1) MONTH IN ADVANCE OF SCHEDULING WORK. SUCH NOTIFICATION SHALL BE MADE VIA E-MAIL TO THE FOLLOWING DEPARTMENT PUBLIC WORKS (DPW) EMPLOYEES: twymann@detroitmi.gov DTEannualpermits@detroitmi.gov daniel.calloway@detroitmi.gov
	dalier-landwig-geterorini-gov dohertyri@detroitmi.gov davism@detroitmi.gov
	ALL NOTIFICATIONS SHALL BE SUBMITTED ELECTRONICALLY IN A VERSION COMPATIBLE WITH THE CITY'S ACCELA PROJECT MANAGEMENT SYSTEM.
	THE UTILITY SHALL NOTIFY THE CITY WITHIN FIVE (5) DAYS OF ANY CHANGES TO THE PLANNED PROJECT. MISS DIG SHALL BE NOTIFIED PRIOR TO ANY WORK TO WHICH THE STATUTE APPLIES.
5.	TRAFFIC CONTROL SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND CITY
	SPECIFICATIONS (AS PUBLISHED.)
	SOIL BORING OPERATIONS SHALL BE SUBJECT TO THE PROVISIONS OF ACT 315 OF PUBLIC ACTS OF 1969. UNLESS OTHERWISE SPECIFIED, PIPES SHALL BE PLACED TO A DEPTH THAT WILL PROVIDE NOT LESS THAN FOUR (4) FEET OF COVER BETWEEN THE TOP OF ROADWAY SURFACE AND THE TOP.
	THE PIPE, OR THREE (3) FEET OF COVER BELOW THE DITCH LINE AND THE TOP OF PIPE.
8.	UNLESS OTHERWISE SPECIFIED, ALL TRENCHES, HOLES AND PITS SHALL BE FILLED PRIOR TO THE END OF WORK EACH DAY WITH SOUND EARTH OR WITH SAND/GRAVEL IF SO PROVIDED, GRAD
	FOR PROPER DRAINAGE FORM THE SIDEWALK OVER THE CURB IF IN THE BERM AREA, PLACED IN SUCCESSIVE LAYERS NOT MORE THAN NINE INCHES IN DEPTH, LOOSE MEASURE, AND EACH
	LAYER SHALL BE THOROUGHLY COMPACTED BY THE CONTROLLED DENSITY METHOD. EACH UTILITY CREW SHALL BE PERMITTED TO LEAVE UP TO THREE (3) OPEN TRENCHES OR HOLES OVERNIGHT, PROVIDED THAT EACH SUCH TRENCH OR HOLE IS APPROPRIATELY COVERED AND BARRICADED. NOTE: CURB TO CURB SITE RESTORATION WILL BE REQUIRED WHEN WORK
	PERFORMED UNDER THE ANNUAL PERMIT UNNECESSARILY CONFLICTS WITH THE SAME YEAR ROAD IMPROVEMENT PROJECTS, AS DEFINED IN SECTION 4 OF THE ANNUAL PERMIT.
9.	PERMANENT RESTORATION SHALL BE IN ACCORDANCE WITH CITY ENGINEERING SPECIFICATIONS AND SHALL BE COMPLETED WITHIN THREE (3) DAYS OF ALL ACTIVITIES WITHIN THE EXCAVATION
	HAVING BEEN COMPLETED. FOR ALL WORK COMPLETED PRIOR TO SEPTEMBER 30TH OF THE CALENDAR YEAR, PERMANENT SITE RESTORATION SHALL BE IN ACCORDANCE WITH CITY ENGINEERING SPECIFICATIONS AND SHALL BE COMPLETED WITHIN EIGHT (8) WEEKS. ALL WORK COMPLETED BETWEEN OCTOBER 1 AND MAY 1 SHALL BE PERMANENTLY RESTORED PRIOR TO
	SUBSEQUENT JUNE 30.
10.	BACKFILL AND RESTORE IN ACCORDANCE WITH CITY SPECIFICATIONS.
	CROSSING GRAVEL ROADS FOR UNDERGROUND HOUSE SERVICES MAY BE MADE BY TRENCHING. BACKFILL AND RESTORE IN ACCORDANCE WITH CITY SPECIFICATIONS.
12.	IT SHALL BE UNACCEPTABLE FOR THE UTILITY TO PERFORM ANY WORK IN THE CITY'S RIGHT OF WAY WITHOUT ADHERING TO THE NOTIFICATION REQUIREMENTS AS OUTLINED IN SECTION 4 OF THE ANNUAL PERMIT. IN THE EVENT THAT THE UTILITY IS FOUND TO BE WORKING IN RIGHT OF WAY WITHOUT NOTIFYING THE CITY, THE UTILITY'S DIRECTOR OF ASSET MANAGEMENT AND
	ENGINEERING WILL BE NOTIFIED IMMEDIATELY TO ADDRESS THE UNACCEPTABLE SITUATION. IF MULTIPLE OCCURRENCES OF NON-NOTIFICATION CONTINUE AFTER NOTIFYING THE DIRECTOR
	ASSET MANAGEMENT AND ENGINEERING, THE UTILITY WILL BE SUBJECT TO ADDITIONAL CORRECTIVE MATTERS, INCLUDING THE POSSIBLE TERMINATION OF PERMIT.
12.	THE WORK SITE SHALL BE RESTORED TO ITS PRE-CONSTRUCTION CONDITIONS. IN THE EVENT THAT RESTORATION IS FOUND TO BE DEFICIENT, THE UTILITY SHALL IMMEDIATELY REMOVE
13.	DEFICIENT WORK AND REPLACE IT WITH WORK THAT FULLY CONFORMS TO THE CITY ENGINEERING DIVISION STANDARD SPECIFICATIONS FOR PAVING AND CONSTRUCTION. ALL APPLICABLE REQUIREMENTS OF LAW OR OF OTHER PUBLIC BODIES OR AGENCIES SHALL BE MET.
14.	THE UTILITY SHALL PROVIDE AND MAINTAIN ALL NECESSARY PRECAUTIONS TO PREVENT INJURY OR DAMAGE TO PERSONS AND PROPERTY FROM OPERATIONS COVERED BY THIS PERMIT.
	DETROIT WATER & SEWERAGE DEPARTMENT NOTES OUR RECORDS INDICATE THAT THERE ARE WATER MAINS AND SEWERS WHICH ARE LOCATED IN THE VICINITY OF THE PROPOSED PROJECT LIMITS. IT IS DWSD'S REQUIREMENT THAT ANY PROPOSED UTILITY CROSSING DWSD WATER MAINS OR SEWERS PERPENDICULARLY MUST MAINTAIN A MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE BELOW DWSD ASSETS. ALSO, ANY PROPOSED UTILITY RUNNING ADJACENT TO DWSD WATER MAINS AND SEWERS MUST MAINTAIN A MINIMUM OF 5 FEET LATERAL CLEARANCE FROM ANY COND AND/OR MANHOLE OUTSIDE WALL. NO UTILITY IS ALLOWED TO RUN ALONG THE TOP OF THE WATER MAIN OR SEWER. THERE ARE POSSIBILITIES OF SEVERAL WATER AND SEWER SERVICE LINES CROSSING IN THE VICINITY OF PROPOSED WORK, FIELD VERIFY THEIR LOCATION AND DEPTH TO MAINTAIN OUR REQUIRED CLEARANCE. DETROIT WATER AND SEWERAGE DEPARTMENT (DWSD) PROHIBITS THE USE OF HEAVY CONSTRUCTION EQUIPMENT (BULLDOZERS, BACKHOES, EXTREMELY LARGE ROLLERS, ETC.) AND OR STORAGE OF BUILDING MATERIALS DIRECTLY OVER OR NEAR OUR MAINS OR SEWERS. DWSD ALSO PROHIBITS THE USE OF CRANES AND BALLS OR HYDRAULIC RAMS FOR PAVEMENT REMOVAL WHRE THE DWSD FACILITIES ARE INVOLVED. IF THE WATER MAIN OR SEWER FACILITIES ARE BROKEN OR DAMAGED AS A RESULT OF ANY ACTION ON THE PART OF THE CONTRACTOR, THEN THI CONTRACTOR SHALL BE LIABLE FOR ALL COSTS INCIDENTAL TO THE REPAIR OF SUCH BROKEN OR DAMAGED WATER MAIN/SEWER FACILITIES AND APPURTENANCES. THE CONTRACTOR SHALL WAIVE ALL CLAIMS FOR DAMAGES UNDER SUCH CIRCUMSTANCES.
1.	. A MINUMUM NET HORIZONTAL CLEARANCE OF 5FT AND A MINIMUM NET VERTICAL CLEARANCE OF 18-INCH BETWEEN THE GLWAS ASSET(S) AND ANY OTHER UTILITY OR STRUCTURE SHALL
3	MAINTAINED. CONTRACTOR SHALL DETERMINE THE PRECISE LOCATION OF GLWA ASSET(S) BY SOFT DIG METHOD IN THE PRESENCE OF A GLWA INSPECTOR.
	INSPECTIONS.
4 5	CERTIFICATE OF INSUREANCE (COI): CONTRACTOR SHALL HAVE A LETTER OF LIABILITY INSURANCE ON FILE TO PROTECT GREAT LAKE WATER AUTHORITY (GLWA) FORM ANY LIABILITY IN C
J	OF ANY DAMAGE TO OUR ASSET(S): "CREAT LAKES WATER AUTHORITY (GLWA) AND THE CITY OF DETROIT MUST BE NAMED AS ADDITIONAL INSUREDS ON CONTRACTOR'S COMMERCIAL GENERAL LIABILITY POLICY OR, ALTERNATIVELY, CONTRACTOR MUST PROVIDE A BLANKET ADDITIONAL INSURED ENDORSEMENT FOR THE COMMERCIAL GENERAL LIABILITY POLICY."









					DILG	AS INSTALL	ADAINDC	INIVIENT VALV	/ C F \	OTTIVI		
DTE MATERIAL	DATE OF MANUFACTURER AND BATCH CODE / HEAT	DTE CONTRACTOR OR DTE PERSONNEL TO FILL IN THE DATA BELOW FOR EACH NEW VALVE. FORM IS TO BE FILLED OUT IN ITS ENTIRETY AND SUBMITTED WITH AS-BUILT RECORD										
MS 15-6	NUMBER	INSTALLED BY:	INSTALLED BY:			COMPANY:						
10-0 IO-0		STATION:	STATION:			WO#: MATER					RIAL PO#:	
MS 16-21		INSTALLED VALVE			?	INSTALLED		ABANDONED			DATE:	
MS 17-7		VALVE NUMBER:	OR A VALVE ABANDONI	WENT?		ROADWAY BO	OX ABANDO	NED YES		NO 🗌	N/A 🗌	
		IF NOT A SEPARATION VAL	LVE, WRITE IN "CONVENI	IENCE VALVE"		COMMENTS:						
		VALVE LOCATION LOCATION NEEDS TO HAV		S FROM PROP	PERTY LINES						CITY:	
		VALVE BOX LOCA PAVEMENT, BEHIND CURB			PTH:						DISTANCE FROM TOP OF STEM EXTENSION TO LID:	
		VALVE SIZE:		/ALVE TY	PE: HDPE		MDPE-F	PE2406/2708	STI	L	VALVE POSITION: OPEN, CLOSED, ETC	
		MANUFACTURER:	<u></u>		MODEL:				SERI	AL NUMBER:	OPEN, CLOSED, ETC	
		NUMBER OF TEST	TUBES:	CC	DATED: YE	S NO	COATING	TYPE: TRENTON TRANSPIRED	TRE	NTON TREM	NTON OTHER:	
		<u> </u>						#ZAPrimer —	WAX	TAIL— IVE	F TEST TUBE #1 FROM LID:	
			SIZE/LOCATION/DEPTH OF #1 TEST TUBE: SIZE/LOCATION/DEPTH OF #2 TEST TUBE:									
					CLEAR OF DIRT	DI ASTIC TEST TI IBES	APE NOT SCRAPE	D DILIGS ON TEST THE	EQ ADE		OF TEST TUBE #2 FROM LID: O MUCH, AND MLV HIGH HEAD EXTENSION HAVE	
		VALVE ID TAG WITH VALVE	NUMBER ON IT.						AND THE VALVE SHOULD BE COMPLETELY BACKFILLED IN A FULL OPEN POSITION.			
					DTE G	AS INSTALL	/ ABANDC	NMENT VAL\	/E F	FORM		
		DTE CONTRACTOR C	R DTE PERSONNEL	L TO FILL IN	I THE DATA BE	ELOW FOR EACH N	IEW VALVE. F	ORM IS TO BE FILLE	D OU	Γ IN ITS ENTIRET	Y AND SUBMITTED WITH AS-BUILT REC	
		INSTALLED BY:						MPANY:				
		STATION:				WO#:				MATERIA	 AL PO#:	
		INSTALLED VALVE			?	INSTALLED	П	ABANDONED			DATE:	
-		NEWLY INSTALLED VALVE VALVE NUMBER:	OR A VALVE ABANDONN	MENT?						NO \square	N/A 🗆	
ļ		IF NOT A SEPARATION VAL	VE WRITE IN "CONVENI	IENICE VALVE"		ROADWAY BO	ABANDO	NED 1E9		NO 🗆	N/A 🗌	
		VALVE LOCATION	& CITY:			OOMINIENTO.					CITY:	
		VALVE BOX LOCA	TION DESCRIPT	ION & DEI							DISTANCE FROM TOP OF	
		PAVEMENT, BEHIND CURB									STEM EXTENSION TO LID: VALVE POSITION:	
		VALVE SIZE:	\	/ALVE TY		E-PE3408/4710 [MDPE-F	PE2406/2708		L [CI [OPEN, CLOSED, ETC	
-		MANUFACTURER:			MODEL:					AL NUMBER:		
-		NUMBER OF TEST	TUBES:	CC	DATED: YE	S NO	COATING	TYPE: TRENTON	WAX	NTON TREM	TAPE OTHER:	
_		SIZE/LOCATION/D	SIZE/LOCATION/DEPTH OF #1 TEST TUBE:							DISTANCE OF TEST TUBE #1 FROM LID:		
_		SIZE/LOCATION/D	EPTH OF #2 TES	ST TUBE:						DISTANCE O	F TEST TUBE #2 FROM LID:	
_		VALVE ID TAG WITH VALVE	NOTES: PLEASE MAKE SURE THAT BOXES ARE CLEAR OF DIRT, PLASTIC TEST TUBES ARE NOT SCRAPED, PLUGS ON TEST TUBES AI ITH VALVE NUMBER ON IT.							RE NOT TIGHTENED TOO MUCH, AND MLV HIGH HEAD EXTENSION HAVE A		
_		CONVENIENCE VALVES SH	ONVENIENCE VALVES SHOULD HAVE NO TEST BOXES INSTALLED, NO TEST TUBES, NO HIGH HEAD EXTENSIONS, NO VALVE OPERATORS, AND THE VALVE SHOULD BE COMPLETELY BACKFILLED IN A FULL OPEN POSITION.									
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		INSTALLED BY:				1	CO	MPANY:				
_		STATION:				WO#:				MATERIA	AL PO#:	
		INSTALLED VALVE NEWLY INSTALLED VALVE			?	INSTALLED		ABANDONED			DATE:	
		VALVE NUMBER:				ROADWAY BO	X ABANDO	NED YES		NO 🗌	N/A 🗌	
		IF NOT A SEPARATION VAL		IENCE VALVE"		COMMENTS:					I	
		VALVE LOCATION LOCATION NEEDS TO HAV	E ACCURATE FOOTAGES								CITY:	
		VALVE BOX LOCA PAVEMENT, BEHIND CURB			ΡΤΗ: 						DISTANCE FROM TOP OF STEM EXTENSION TO LID:	
		VALVE SIZE:	\	/ALVE TY	PE: HDPE	-PE3408/4710 [MDPE-F	PE2406/2708	STI	L CI C	VALVE POSITION: OPEN, CLOSED, ETC	
		MANUFACTURER:			MODEL:				SERI	AL NUMBER:		
		S NO	COATING	TYPE: TRENTON TRENTON TRENTON TRENTON TRENTON TRENTON TRENTON	TRE		NTON OTHER:					
		NUMBER OF TEST					22	· #ZAPrimer -	WAX		TAPE -	
			SIZE/LOCATION/DEPTH OF #1 TEST TUBE: SIZE/LOCATION/DEPTH OF #2 TEST TUBE:							DISTANCE OF TEST TUBE #1 FROM LID:		
					CLEAR OF DIRT	DI ASTIC TEST TUBES	DE NOT SORAD	D DITIES ON TEST TUS	EQ ADE		OF TEST TUBE #2 FROM LID:	
		VALVE ID TAG WITH VALVE	NUMBER ON IT.								O MUCH, AND MLV HIGH HEAD EXTENS	