TEST BORING NO. SB-01 LOCATION: WEST PARKWAY STREET PHYSICAL REFERENCE: 20' NORTH OF EXISTING CULVERT CENTER LINE PHYSICAL OFFSET: 21' EAST OF TOE OF THE WEST SIDE SIDEWALK STATION: - GROUND SURFACE ELEVATION: 605.0 FT BORING DATE: 9/11/17 605.00 604.40 7.5 INCHES OF PORTLAND CEMENT CONCRETE FILL - DENSE POORLY GRADED FINE TO COARSE SAND, WITH GRAVEL, TRACE SILT, BROWN, MOIST (SP) FILL - DENSE POORLY GRADED FINE SAND, WITH SILT, TRACE GRAVEL, BROWN, MOIST (SP-SM) FILL - SILTY FINE SAND, TRACE GRAVEL, DARK GRAY, MOIST (SM) (FIELD ENGINEER NOTED STRONG FOREIGN ODOR) MATERIABLE AT 8' UPON COMPLETION ALTERNATING LAYERS OF SANDY LEAN CLAY AND CLAYET FINE SAND, TEW GRAVEL, DARK GRAY, (CL) (SC) SANDY LEAN CLAY AND CLAYET FINE SAND, TEW GRAVEL, DARK GRAY, (CL) (SC) SANDY LEAN CLAY AND CLAYET FINE SAND, TEW GRAVEL, DARK GRAY, (CL) (SC) SANDY LEAN CLAY AND CLAYET FINE SAND, TEW GRAVEL, DARK GRAY, (CL) (SC) SANDY LEAN CLAY AND CLAYET FINE SAND, TEW GRAVEL, DARK GRAY, (CL) (SC) SANDY LEAN CLAY AND CLAYET FINE SAND, TEW GRAVEL, DARK GRAY, (CL) (SC) SANDY SILT, TRACE GRAVEL, GRAY, MOIST (ML) VERY STIFF LEAN CLAY, TRACE GRAVEL, GRAY, MOIST (ML) S85.00 2 VERY LOOSE SANDY SILT, TRACE GRAVEL, GRAY, MOIST (ML)	PP UCS MC 6000* 24.2	TEST BORING NO. SB-02 LOCATION: WEST PARKWAY STREET PHYSICAL REFERENCE: 36' SOUTH OF EXISTING CULVERT CENTER LINE PHYSICAL OFFSET: 36' EAST OF TOE OF THE WEST SIDE SIDEWALK STATION: - GROUND SURFACE ELEVATION: 605.0 FT BORING DATE: 9/11/17 DD 605.00 604.30 8 INCHES OF PORTLAND CEMENT CONCRETE FILL - MEDIUM DENSE POORLY GRADED FINE TO COARSE SAND, WITH GRAVEL, BROWN, MOIST (SP) FILL - DENSE SILTY FINE SAND, TRACE GRAVEL, BROWN AND DARK BROWN, MOIST (SM) S99.50 18. 591.00 FILL - MEDIUM DENSE POORLY GRADED FINE TO COARSE SAND, WITH GRAVEL, BROWN, MOIST (SP) FILL - MEDIUM DENSE POORLY GRADED FINE TO COARSE SAND, WITH GRAVEL, BROWN, MOIST (SP) FILL - MEDIUM DENSE POORLY GRADED FINE SAND, WITH SILT, FILL - MEDIUM DENSE SILTY FINE SAND, TRACE GRAVEL, BROWN AND DARK BROWN, MOIST (SM) FILL - MEDIUM DENSE SILTY FINE TO COARSE SAND, WITH GRAVEL, BROWN, MOIST (SP) FILL - MEDIUM DENSE SILTY FINE TO COARSE SAND, WITH GRAVEL, BROWN, WETT (SM) S99.50 18. S99.50 TEST BORING CLIVET CHIEF CHIEF CHIEF CHIEF CHIEF FILL - MEDIUM DENSE SILTY FINE TO COARSE SAND, WITH GRAVEL, BROWN, WETT (SM) S99.50 S99.50	PP UCS MC DD	SB-02 SB-02 SB-02 SB-03 SB-04 SB-05 SB	3031 W.Grand B.vd., Ste. 228 Detroit, M. 48202 Tel. 313-963-2731 Fex. 313-963-2736 Fex. 313-963-2736 Fev. 91 - 962-2736 Fev. 91
STIFF TO VERY STIFF SANDY LEAN CLAY, TRACE GRAVEL, OCCASIONAL SAND PARTINGS, GRAY (CL) 580.00 579.00	5500° 11.5	583.00 STIFF SANDY LEAN CLAY, TRACE GRAVEL, OCCASIONAL SILTY FINE SAND SEAMS, GRAY (CL) 578.00	2500* 14.6	SOIL BORING LOCATION PLAN	ROIT BLIC WORKS 3 DIVISION REPLACEMENT PLAN
575.00 STO.00 STO.00	9000* 11.5 9000* 11.2	575.00 8 HARD LEAN CLAY, TRACE SAND, TRACE GRAVEL, GRAY (CL) 573.00 570.00 4 EXTREMELY DENSE SANDY SILT, FEW GRAVEL, TRACE CLAY, GRAY, WET (ML)	9000* 10.8	SOIL BORING LOCATION	CITY OF DETROIT DEPARTMENT OF PUBLIC WOF CITY ENGINEERING DIVISIO WEST PARKWAY CULVERT REPLACEMENT SOIL BORING LOG PLAN
567.00 566.25 607.00 EXTREMELY DENSE FINE GRAVEL, WITH SAND, TRACE SILT, GRAY, WET (GP) E.O.B. 38.75 FEET (EL. 566.25) BORING TERMINATED AT SAMPLER AND AUGER REFUSAL. POSSIBLE TOP OF BEDROCK	9000* 11.2	568.00 POORLY GRADED FINE TO MEDIUM SAND, TRACE SILT, TRACE GRAVEL, BROWN, WI 566.50 50/0" E.O.B. 38.50 FEET (EL. 566.50) BORING TERMINATED AT SAMPLER AND AUGER REFUSAL. POSSIBLE TOP OF BEDROCK	ET (SP)	1st 6 in 2nd 6 in 3rd 6 in 3rd 6 in 5 PP = POCKET PENETROMETER, UNCONFINED COMPRESSIVE STRENGTH - TONS/SQ.FT (TSF) UCS = LAB DETERMINED UNCONFINED COMPRESSIVE STRENGTH - TONS/SQ.FT (TSF) MC = MOISTURE CONTENT - (%) DD = DRY DENSITY - LBS/CU.FT (PCF)	ISSUED FOR: DATE: BY: JOB NO.: SHEET.: 1 OF 1