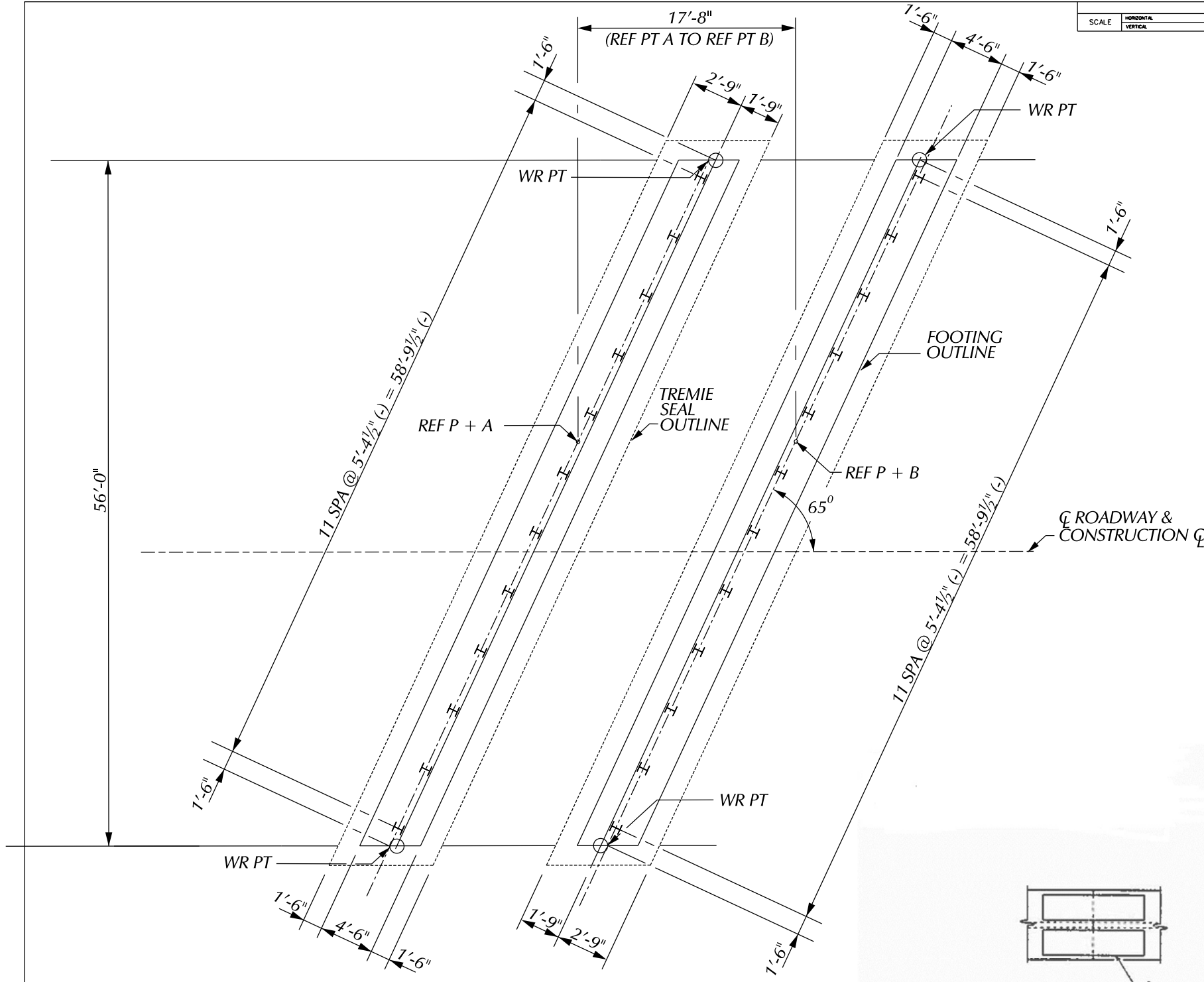
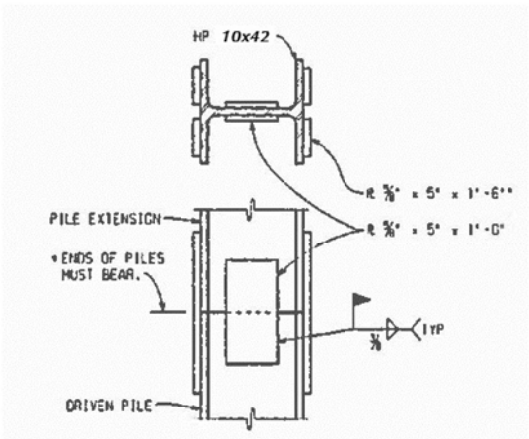


BENCH MARKS ELEV



FTG A FTG B  
**PILE LAYOUT**



**SPLICE DETAILS**

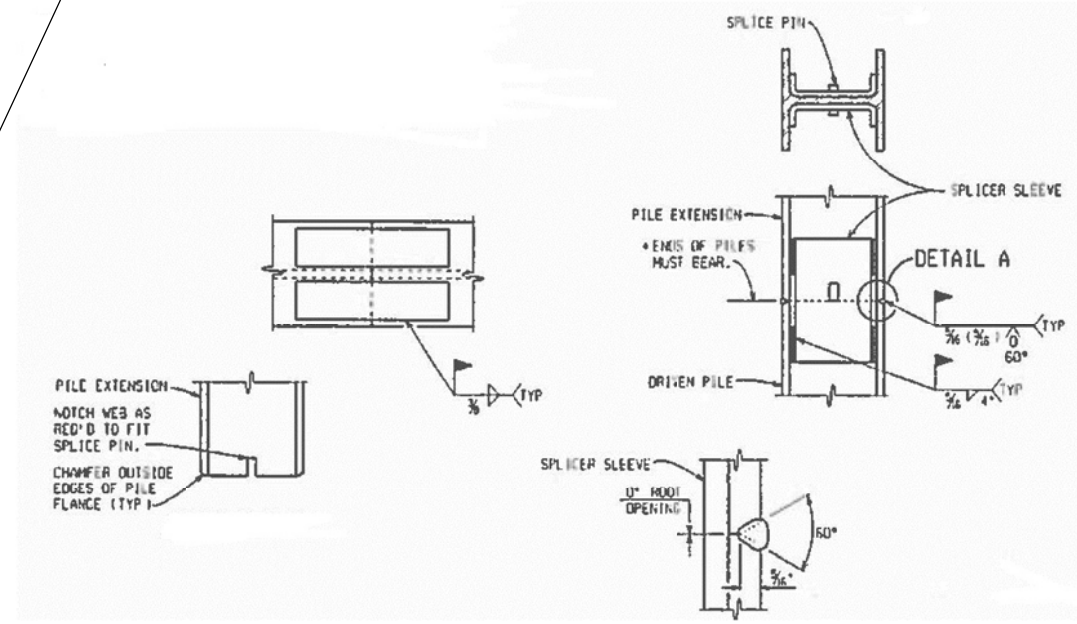
\* SET PILE EXTENSION IN PLACE WITH SPLICE PLATES ATTACHED. TAP SEVERAL TIMES WITH THE HAMMER TO IMPROVE BEARING CONTACT. THEN COMPLETE WELDING OF PLATES TO THE LOWER SECTION.

**55 TON STEEL "H" PILES**

LOCATION	PILE TYPE	NUMBER OF PILES	ESTIMATED LENGTH FURNISHED & DRIVEN		CUT-OFF ELEV.
			EACH LFT	TOTAL LFT	
FTG A	TEST	2	50	100	669.00
	VERTICAL	18	40	720	669.00
FTG B	TEST	2	50	100	669.00
	VERTICAL	18	40	720	669.00
TOTAL				1640	

**MISCELLANEOUS QUANTITIES**

- 1 LS PILE DRIVING EQUIPMENT, FURN
- 1640 FT PILE STEEL, FURN AND DRIVEN, 10 INCH
- 4 EA TEST PILE STEEL 10 INCH



**NOTCH DETAIL**

**DETAIL A**

**ALTERNATE SPLICE DETAILS**

\* SET PILE EXTENSION IN PLACE WITH SPLICE PLATES ATTACHED. TAP SEVERAL TIMES WITH THE HAMMER TO IMPROVE BEARING CONTACT. THEN COMPLETE WELDING OF PLATES TO THE LOWER SECTION.

**NOTES:**

- H - DENOTES VERTICAL PILES.
- (H) - DENOTES VERTICAL TEST PILES.
- ALL PILES SHALL BE DRIVEN TO A MINIMUM BEARING CAPACITY OF 55 TONS.
- STEEL PILES SHALL BE HP 10 X 42.
- ESTIMATED PILE PENETRATIONS HAVE BEEN DETERMINED BY USE OF THE STATIC FORMULA.
- THE PILE DRIVING FORMULAS IN THE STANDARD SPECIFICATIONS ARE NOT TO BE USED TO DETERMINE BATTERED PILE CAPACITY. BATTERED PILES ARE TO BE DRIVEN TO THE ELEVATION ESTABLISHED FOR VERTICAL PILES.
- THE USE OF VIBRATORY HAMMERS FOR INSTALLING H-PILES SHALL NOT BE ALLOWED.

BY	CHECKED BY	APPROVED
PLAN		
GRADE		
ESTIMATE		
DESCRIPTION	DR	CHK
REVISIONS	DATE	DATE

CITY OF DETROIT  
CITY ENGINEERING DIVISION - D.P.W.  
BUREAUS OF STREETS AND HIGHWAYS  
FOR

**WEST PARKWAY CULVERT OVER ROUGE RIVER**

**CULVERT H PILE DETAILS**

SHEET	OF	SHEETS
CONTRACT	NO.	
ASSIGNMENT	NO.	
DATE		