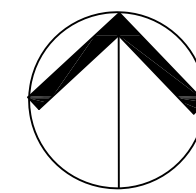


## BENCH MARKS

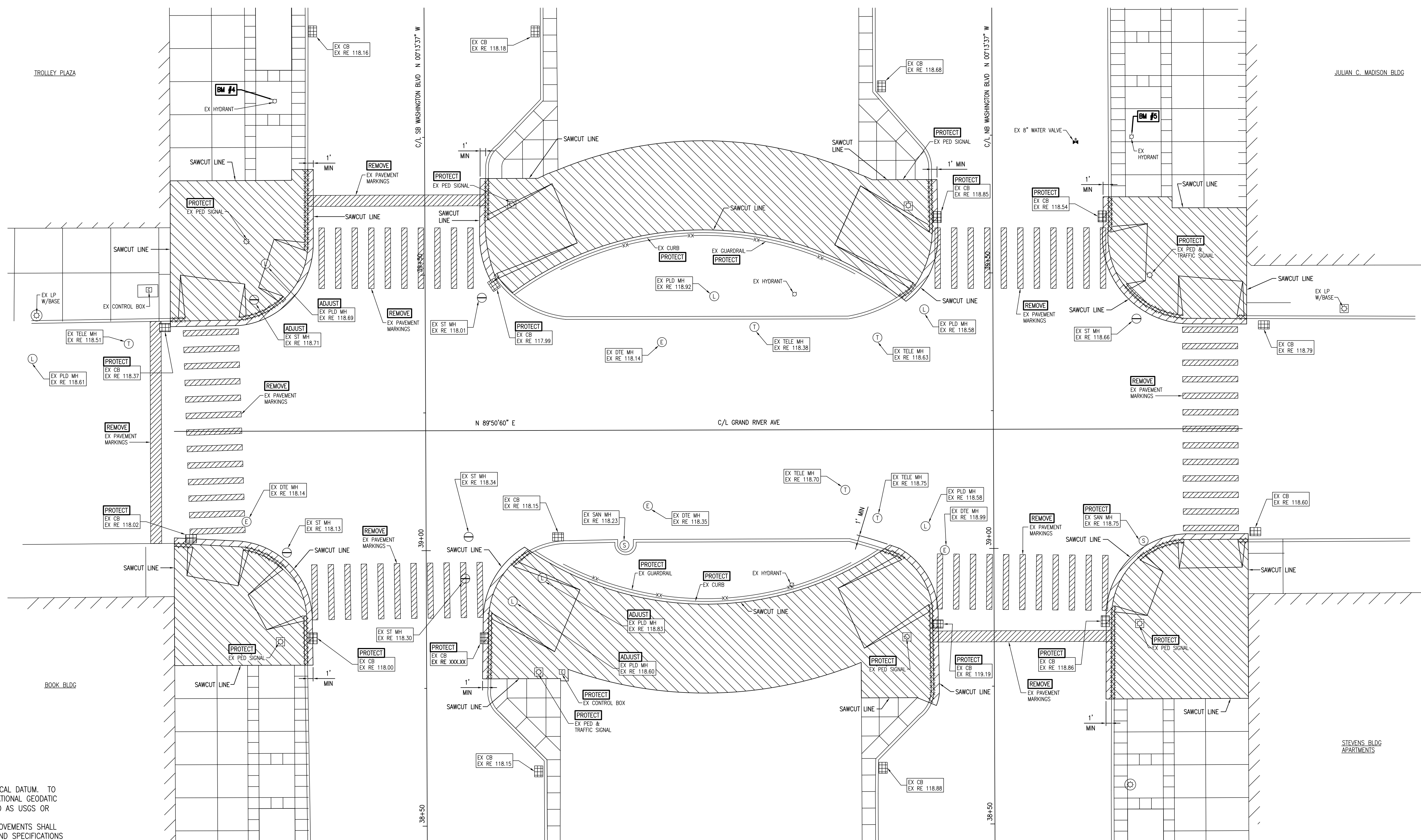
BM #4 ELEV 121.23  
ARROW ON HYDRANT LOCATED AT THE  
NORTHWEST CORNER OF GRAND RIVER  
AVE AND WASHINGTON BLVD

BM #5 ELEV 121.55  
ARROW ON HYDRANT LOCATED AT THE  
NORTHEAST CORNER OF GRAND RIVER  
AVE AND WASHINGTON BLVD



SCALE: 1" = 10'-0"

0' 10' 20' 30'



## GENERAL NOTES

1. THE ELEVATIONS SHOWN ARE CITY OF DETROIT VERTICAL DATUM. TO CONVERT THE ELEVATION VALUES SHOWN TO THE NATIONAL GEODATIC VERTICAL DATUM OF 1929 (COMMONLY REFERRED TO AS USGS OR USC & GS DATUM), ADD 479.755'.
2. ALL MATERIALS AND WORKMANSHIP FOR R.O.W. IMPROVEMENTS SHALL MEET THE STANDARDS, REGULATIONS, ORDINANCES AND SPECIFICATIONS OUTLINED IN THE CITY OF DETROIT ENGINEERING DEPARTMENT STANDARDS AND SPECIFICATIONS FOR PAVING AND RELATED CONSTRUCTION.
3. SOD ALL LAWN AREAS WHICH ARE DISTURBED DURING CONSTRUCTION. IF A DISTURBED AREA CANNOT BE PERMANENTLY STABILIZED IMMEDIATELY AFTER AN EARTH CHANGE OR IF ACTIVITY CEASES FOR MORE THAN 30 DAYS, TEMPORARY SEEDING SHALL BE IMPLEMENTED WITHIN 5 DAYS.
4. REFER TO THIS SHEET FOR ON-SITE DEMOLITION.
5. FOR PROTECTION OF UNDERGROUND UTILITIES, THE CONTRACTOR SHALL DIAL 1-800-482-7171 A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO EXCAVATION IN THE VICINITY OF UTILITY LINES. ALL "MISS DIG" PARTICIPATING MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE PART OF THE "MISS DIG" ALERT SYSTEM.
6. CONSTRUCTION SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
7. A MINIMUM OF ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON WASHINGTON BLVD AND GRAND RIVER AVE DURING CONSTRUCTION.
8. CONTRACTOR IS RESPONSIBLE FOR AVOIDING ANY CONFLICT BETWEEN THE PROPOSED CONSTRUCTION AND THE EXISTING UTILITIES.
9. PAVEMENT AREAS AND CURB REMOVAL SHALL BE EXTENDED WHEN THE ADJACENT PAVEMENT AREA OR CURB LENGTH IS LESS THAN 6 FEET IN LENGTH OR WITHIN 6 FEET OF AN EXISTING JOINT.
10. ALL PAVEMENT REMOVALS AND CURB REMOVALS SHALL BE SAWCUT FULL DEPTH.
11. CONTRACTOR SHALL REMOVE THE EXISTING STOP BARS AND CROSSWALKS PER SECTION 812 OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION. PAYMENT FOR WORK SHALL BE INCLUDED IN THE PAY ITEM "REM SPEC MRKG".

REMOVAL QUANTITIES  
THIS SHEET

305	FT	CURB, REM, MODIFIED
610	SYD	SIDEWALK, REM
43	CYD	EXCAVATION, EARTH, MODIFIED
921	SFT	REM SPEC MRKG
4	EA	DR STRUCTURE COVER, ADJ, CASE 2, MODIFIED

NOTES: a) CURB, REM, MODIFIED INCLUDES REMOVAL OF EXISTING PAVEMENT ADJACENT TO CURB AND HMA SURFACING OVER THE PAVEMENT.  
b) REMOVAL OF EXPOSED AGGREGATE CONCRETE IS INCLUDED IN PAYMENT FOR "SIDEWALK, REM".

## LEGEND

	CONCRETE/PAVER REMOVAL
	HMA OVER CONCRETE REMOVAL
	CURB, REM, MODIFIED

## DEMOLITION PLAN

GRAND RIVER AVE & WASHINGTON BLVD  
ADA HANDICAP RAMPS - DETROIT, MICHIGAN

SHEET NO.  
119

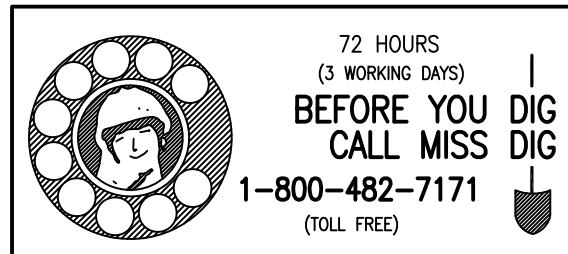
DATE  
07/09/09

SCALE  
1" = 10'

JOB NO.  
C0720

DESIGN UNIT  
HIMES

SHEET NO.  
R-16



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REVISION #	DATE
#1 For Review	03/17/08

07/09/09  
C0720