

LEGEND				
CLEAN-OUT	MANHOLE	EXISTING SANITARY SEWER		
HYDRANT	GATE VALVE	EXISTING WATER MAIN		
INLET	RYCB	MANHOLE	CB	EXISTING STORM SEWER
				EXISTING BURIED CABLES
				EXISTING GAS MAIN
UTILITY POLE	GUY POLE	GUY WIRE		EXISTING OVERHEAD LINES
EXISTING LIGHT POLE	EXISTING SIGN			
C.O.	MANHOLE	PR. SANITARY SEWER		
HYDRANT	GATE VALVE	PROPOSED WATER MAIN		
INLET	RYCB	MANHOLE	CB	PROPOSED STORM SEWER
COMPACT TO 95% MAX. DENSITY				PR. SAND BACKFILL
				UTILITY CROSSING
A				PR. TOP OF CURB ELEVATION
TC 600.00				PROPOSED GUTTER ELEVATION
GU 600.00				PR. TOP OF WALK ELEVATION
TW 600.00				PR. TOP OF PAVEMENT ELEV.
TP 600.00				PROPOSED FINISH GRADE
FG 600.00				PROPOSED CONTOUR
600				PROPOSED SWALE
				PR. DRAINAGE DIRECTION
				PROPOSED INLET FILTER
				DRAINAGE AREA LIMITS
				PROPOSED SILT FENCE
				LIMITS OF SOIL DISRUPTION

DEMOLITION LEGEND	
	INDICATES LIMITS OF COMPLETE BUILDING REMOVAL AND DEMOLITION.
	INDICATES LIMITS OF COMPLETE ASPHALT PAVEMENT REMOVAL AND DEMOLITION.
	INDICATES LIMITS OF COMPLETE CONCRETE PAVEMENT REMOVAL AND DEMOLITION.
	INDICATES REMOVAL OF EXISTING CONCRETE CURB & GUTTER.

LEGEND	
	LIMITS OF BLOOMFIELD TOWNSHIP

### DEMOLITION NOTES

DEMOLITION OF SITE IMPROVEMENTS SHALL BE ALLOWED ONLY AFTER AN APPROVED ALL DEMOLITION SHALL BE IN ACCORDANCE WITH MUNICIPAL (LOCAL, COUNTY, & STATE) REQUIREMENTS.

PERMIT HAS BEEN SECURED FROM THE PUBLIC AGENCY HAVING JURISDICTION OVER SAID DEMOLITION.

FOR ANY DEMOLITION WITHIN PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL PAY FOR, AND SECURE, ALL NECESSARY PERMITS AND LIKEWISE SHALL ARRANGE FOR ALL SITE INSPECTIONS.

SITE DEMOLITION INCLUDES THE COMPLETE REMOVAL OF SITE IMPROVEMENTS AND OFF-SITE DISPOSAL. DEBRIS SHALL BE TRANSPORTED TO AN APPROPRIATE DISPOSAL FACILITY THAT IS LICENSED FOR THAT TYPE OF DEBRIS.

THE CONTRACTOR SHALL COORDINATE TRUCK ROUTES WITH THE MUNICIPALITY PRIOR TO COMMENCEMENT OF SITE DEMOLITION. ALL TRUCKS SHALL BE TARPED OR PROPERLY SECURED TO CONTAIN DEMOLITION DEBRIS PRIOR TO LEAVING SITE.

EXISTING ON-SITE UNDERGROUND UTILITIES AND BUILDING SERVICES HAVE BEEN INDICATED BASED UPON THE BEST AVAILABLE UTILITY RECORDS AND/OR ON-SITE INSPECTION. NO GUARANTEE IS MADE BY THE DESIGN ENGINEER, AS TO THE COMPLETENESS OR ACCURACY OF UTILITY DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF UTILITY INFORMATION (THE DESIGN ENGINEER MAKES NO GUARANTEE NOR ASSUMES ANY LIABILITY AS TO THE COMPLETENESS AND/OR ACCURACY OF UTILITY DATA).

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO SITE DEMOLITION.

\* THE CONTRACTOR SHALL NOTIFY MISS DIG (1-800-482-7171) A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO THE START OF THE SITE DEMOLITION.

ALL UTILITY METERS SHALL BE REMOVED BY THE APPROPRIATE UTILITY COMPANY.

THE DEMOLITION CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD ANY SUSPICIOUS MATERIAL BE FOUND. HAZARDOUS MATERIAL IS NOT EXPECTED TO BE FOUND ON-SITE.

WHERE EXISTING BUILDINGS ARE REMOVED, BASEMENT FLOOR SLABS, FOUNDATION WALLS AND FOOTINGS SHALL BE COMPLETELY REMOVED AND BACK FILLED WITH MDOT CLASS II GRANULAR MATERIAL AND BE MACHINE COMPACTED TO A MINIMUM OF 98% OF MATERIALS MAXIMUM DENSITY.

AREAS OF DEMOLISHED BUILDINGS SHALL BE ROUGH GRADED TO THE GRADES INDICATED ON THE PLANS PITCHED OR CROWNED TO DIRECT DRAINAGE TOWARDS EXISTING DRAINAGE STRUCTURES.

EXISTING LOOSE CONSTRUCTION MATERIAL, INCLUDING THE UNDEVELOPED EASTERN PORTION OF THE SITE, SHALL BE REMOVED AND DISPOSED OF.

NO UTILITY POLES ARE PLANNED TO BE REMOVED. ALL UTILITY POLES SHALL BE PROTECTED AND THEIR PROTECTION SHALL BE COORDINATED WITH THE UTILITY COMPANY.

AN INDEPENDENT ELECTRICAL COMPANY SHALL BE HIRED BY THE OWNER TO ENSURE THAT ALL ELECTRICAL SYSTEMS THROUGHOUT THE SITE ARE INACTIVE.

WATER AND SEWER SERVICES TO DEMOLISHED BUILDINGS SHALL HAVE ALL VERTICAL COMPONENTS REMOVED DOWN TO THE HORIZONTAL LINE AND BE CAPPED / BULKHEADED.

THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL MUNICIPALITY TO VERIFY THAT ON-SITE WATER MAINS ARE TURNED OFF.

### SOIL EROSION CONTROL

INSTALL SILT FENCE PER DETAIL (SP-2) OR SIMILAR APPROVED SILT BARRIER ALONG PROPERTY LINES AND AROUND SENSITIVE NATURAL FEATURES AS INDICATED ON THE PLANS.

INSTALL LOW POINT INLET FILTERS PER DETAIL (SI-2) OR SIMILAR APPROVED EQUAL ON ALL CATCH BASIN STRUCTURES AS INDICATED ON THE PLANS.

COMMENCE BUILDING PAVEMENT DEMOLITION PER PLAN.

COMMENCE ROUGH GRADING OF DEMOLISHED BUILDING SITES PER PLAN.

STABILIZE ALL DISTURBED AREAS AFTER DEMOLITION.

REMOVE ALL REMAINING TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ONCE PERMANENT MEASURES ARE ESTABLISHED.

WHENEVER POSSIBLE, THE SITE SHALL BE GRADED TO WITHIN SIX INCHES (6") OF THE PROPOSED FINISH GRADE PRIOR TO INSTALLATION OF UNDERGROUND FACILITIES.

STAGING OF PROPOSED WORK SHALL BE COMPLETED BY THE CONTRACTOR AS REQUIRED TO ENSURE PROGRESSIVE STABILIZATION OF DISTURBED AREAS.

**SOIL EROSION MAINTENANCE**

ALL SOIL EROSION SHALL BE CONTAINED ON SITE.

THE SOIL EROSION CONTROLS WILL BE MAINTAINED WEEKLY AND AFTER EVERY STORM EVENT BY THE OWNER.

ANY EROSION CONTROL MEASURES DAMAGED BY THE CONTRACTORS OPERATION SHALL BE REPLACED THE SAME WORKING DAY.

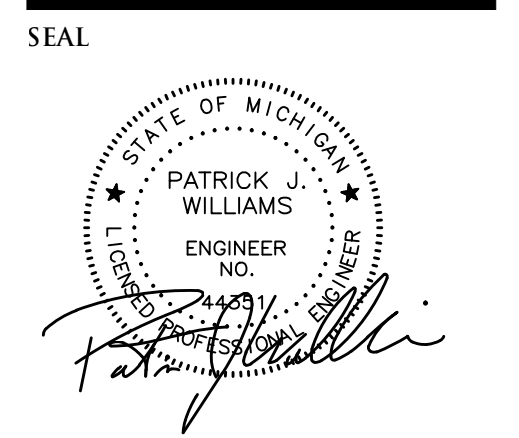
THE OWNER SHALL OBTAIN OR CAUSE HIS CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS, PAY ALL PERMIT FEES AND POST ALL BONDS TO EACH AND ALL GOVERNMENT AGENCIES HAVING JURISDICTION OVER EROSION CONTROL MEASURES ON THIS PROJECT.

UNTIL ALL DISTURBED AREAS HAVE BEEN RE-ESTABLISHED WITH VEGETATION, THE DEVELOPER IS RESPONSIBLE FOR INSPECTING AFTER EACH HEAVY RAIN, ALL SEDIMENT TRAPS AND FILTERS. IF INSPECTION INDICATES THAT THE SEDIMENT HAS ACCUMULATED TO WITHIN 1 OR 2 INCHES OF THE INVERT OF THE OUTLET PIPE, THE STRUCTURE IS TO BE COMPLETELY CLEANED OF THE SEDIMENT.

UPON COMPLETION OF EACH STORM STRUCTURE, THE CONTRACTORS SHALL INSTALL THE REQUIRED SEDIMENT CONTROL DEVICES AS SHOWN ON THE PLAN.



NOWAK & FRAUS ENGINEERS  
46777 WOODWARD AVE.  
PONTIAC, MI 48342-5032  
TEL. (248) 332-7931  
FAX. (248) 332-8257



PROJECT  
Village at Bloomfield

CLIENT  
REDICO  
One Towne Square,  
Suite 1600  
Southfield, MI 48076  
Phone: (248) 784-6486

PROJECT LOCATION  
Part of the W. 1/2 of Section 5,  
T. 2N., R. 10E., and part of the  
NE 1/4 of Section 6, T. 2N., R.  
10E., Bloomfield Township, The  
City of Pontiac and Bloomfield  
Township (conditionally  
transferred to The City of  
Pontiac) Oakland County,  
Michigan

SHEET  
Building and Pavement  
Demolition Plan and  
Soil Erosion Plan



DATE ISSUED / REVISED  
05-12-17 Bids / Permits

DRAWN BY:  
A. Wiseman  
DESIGNED BY:  
A. Wiseman  
APPROVED BY:  
P. Williams

DATE:  
April 3, 2017  
SCALE: 1" = 40'

NFE JOB NO. A116-21  
SHEET NO. C-12