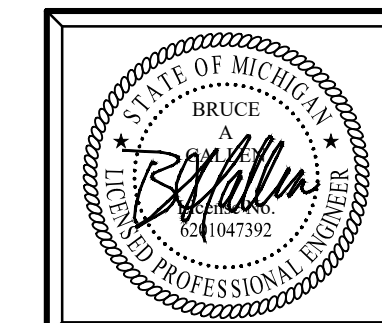


BENCH MARKS:

- BM 1 ARROW ON HYDRANT ON NORTH SIDE OF KERCHEVAL AVE 45± WEST OF BALDWIN ST. Elevation: 605.56 ft. (NAVD 88)
- BM 2 ARROW ON HYDRANT AT NORTHWEST CORNER OF KERCHEVAL AVE AND TOWNSEND ST. Elevation: 605.28 ft. (NAVD 88)



Plan Prepared By:
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For protection of underground utilities, the CONTRACTOR shall dial 1-800-482-7171 OR 811 a minimum of three working days, excluding Saturdays, Sundays and holidays, 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 the utility owners who may not be part of the "MISS DIG" alert system.

STORM STRUCTURE NOTES

STORM SEWER LENGTHS PROVIDED ARE MEASURED FROM CENTER OF STRUCTURE. RIM ELEVATIONS ARE MEASURED AT EDGE OF METAL.

STORM SEWER SHALL BE WATER-TIGHT, SOLID-WALL HDPE OR APPROVED EQUAL, UNLESS INDICATED ON THE PLANS.

MANHOLES AND CATCH BASINS SHALL BE IN ACCORDANCE WITH MDOT STANDARD SPECIFICATIONS. CATCH BASINS SHALL INCLUDE 2-FT SUMP.

ALL EXISTING CATCH BASINS TO REMAIN SHALL BE CLEANED AND INSPECTED TO VERIFY OPERABILITY.

CONNECTIONS TO MANHOLES SHALL BE MADE WITH A RESILIENT CONNECTOR FOR PIPE DIAMETERS 24 INCHES OR LESS.

MANHOLE RIM ELEVATIONS SHALL BE SET 1/4" BELOW PLAN GRADE.

CATCH BASIN RIM ELEVATIONS SHALL BE SET 1 3/8" BELOW PLAN GRADE.

THE UNDERGROUND SYSTEM SHALL INCLUDE INSPECTION PORTS ON EACH ROW.

ALL CURB DIMENSIONS ARE MEASURED FROM EDGE OF METAL.

THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATION AND DEPTH OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONFLICTS IN GRADES SHALL BE REPORTED TO ENGINEER AND ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO OWNER.

SESC NOTES

TOTAL DISTURBED AREA: 42,841 SFT (0.98 ACRES)

ADDITIONAL EROSION CONTROL MEASURES NOT SHOWN ON THE SITE PLAN MAY BE NECESSARY AS SITE WORK PROGRESSES. PERMITTEE IS RESPONSIBLE FOR ALL MEASURES NECESSARY TO PREVENT OFFSITE SEDIMENTATION.

GEOTEXTILE SILT FENCE AND ALL CATCH BASIN PROTECTION MEASURES SHALL BE PROPERLY PLACED AS SHOWN ON PLANS AND AS NEEDED TO RETAIN SOILS ONSITE. PERIODIC MAINTENANCE AND INSPECTION OF SESC MEASURES IS REQUIRED FOR PROPER EFFECTIVENESS.

STABILIZE SITE AS SOON AS POSSIBLE.

CONSTRUCTION IS ANTICIPATED TO BEGIN 2025 WITH SUBSTANTIAL SITEWORK COMPLETION NO LATER THAN 2026.

EROSION CONTROL MEASURES

KEY	SESC MEASURE	SYMBOL	WHERE USED
1	Seeding		When bare soil is exposed, temporarily or permanently, to erosive forces from wind and/or water on flat areas, mild slopes, grassed waterways and spillways, diversion ditches and dikes, borrow and stockpile areas, and spoil piles.
2	Mulch		On flat areas, slopes, grassed waterways and spillways, diversion ditches and dikes, borrow and stockpile areas, and spoil piles when areas are subject to raindrop impact, and erosive forces from wind or water.
4	Trees, Shrubs, Vines and Ground Cover		When bare soil or recently vegetated slopes are exposed to erosive forces from wind and/or water.
5	Perimeter Sediment Control Measures (Silt Fence, Straw Wattles, etc.)		As a temporary measure used to capture sediment from sheet flow. May also divert small volumes of sheet flow to protected outlets.
7	Storm Drain Inlet Protection		Around the entrance to a catch basin or an inlet that will capture runoff from an earth change activity.
28	Stone Construction Access		At locations where construction equipment will enter and exit the drain easement and tracking of soil is anticipated.

*SESC MEASURES SHALL COMPLY WITH MICHIGAN ASSOCIATION OF COUNTY DRAIN COMMISSIONERS SESC MANUAL SPECIFICATIONS

PRELIMINARY - NOT FOR CONSTRUCTION

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NO.	ISSUANCE / REVISION	BY	DATE
1.	SITE PLAN REVIEW	B.A.C.	07/31/25
REVISED IN ACCORDANCE WITH CONSTRUCTION RECORDS			

7737 KERCHEVAL
A PROPOSED MIXED USE DEVELOPMENT
CITY OF DETROIT, MI 48202
WAYNE COUNTY, MICHIGAN
GRADING, DRAINAGE, AND SESC PLAN

DRAWN BY L.B.C.	DATE JULY '25
ENGINEER B.A.C.	DATE JULY '25
EDIT L.B.C.	DATE JULY'25
SCALE DRAWING 1:1	PLOT SCALE 1:1
PROJECT 025 BUTZEL INFILL	
SHEET NO.	C2.0

DATE OF PLAN: 07-31-25