

## GENERAL NOTES

MSD WATER MANAGEMENT #7748

ALL WORK PERFORMED ON THIS PROJECT SHALL CONFORM TO THE KENTUCKY TRANSPORTATION CABINET'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, UNLESS SHOWN OTHERWISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL FEDERAL, STATE AND LOCAL PERMITS NECESSARY TO PERFORM AND COMPLETE THE PROJECT AS SHOWN ON THESE PLANS.

CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ADDITIONAL INFORMATION FOR STAKING THE PROJECTS LINES AND GRADES AS SHOWN ON THESE PLANS WILL BE PROVIDED UPON REQUEST.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES SUCH THAT ACCESS TO WORK AREAS OR SCHEDULE CONFLICTS DO NOT INTERRUPT OR DELAY THE PROJECT'S SCHEDULE.

THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND TO COORDINATE ALL CONNECTIONS WITH UTILITY COMPANIES.

ALL OUTDOOR LIGHTING SHALL BE DIRECTED DOWN AND AWAY FROM ANY RESIDENTIAL PROPERTIES.

ALL STORM SEWER PIPE SHALL BE A MINIMUM OF 12" DIAMETER.

ALL CULVERTS UNDER PAVING HAVING LESS THAN 12" OF COVER SHALL BE CONCRETE ENCASED.

RING ALL CATCH BASINS WITH STONE BAGS DURING GRADING OPERATIONS.

ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE METROPOLITAN SEWER DISTRICT'S STANDARD SPECIFICATIONS.

DENSE GRADED AGGREGATE BASE SHALL BE COMPACTED IN SEPARATE LAYERS.

ASPHALT CONCRETE SHALL BE CLASS I, TYPE A, COMPACTED DEPTH AS SHOWN ON PLANS.

ALL SUBGRADES SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR. THE UPPER 12" OF FILL BENEATH PAVEMENTS SHALL BE COMPACTED TO 100% MOISTURE CONTENT SHALL BE WITHIN +3% TO -1% OF OPTIMUM.

TACK COAT SHALL BE APPLIED AT THE RATE OF 0.1 GALS. PER SQ. YARD WITH INSTALLATION OF SURFACE ASPHALT WHEN FINAL PAVING HAS BEEN DELAYED FROM THE BINDER INSTALLATION.

SANITARY SEWER SERVICE IS AVAILABLE TO THIS SITE BY CONNECTION THROUGH REC. NO. 12,272 AND IS TREATED AT THE JEFFERSON TOWN WASTEWATER TREATMENT PLANT.

THE CONTRACTOR SHALL SLOPE ALL FINISH GRADES TO PROVIDE POSITIVE DRAINAGE. FLAT AND PONDING AREAS WILL NOT BE ACCEPTABLE.

DIMENSIONS SHOWN HEREON ARE FROM THE FACE OF CURBS OR WALLS UNLESS SHOWN OTHERWISE.

SIDEWALKS SHALL BE A MINIMUM 4" THICK WITH 6" X 6" W.W.F. ON A 4" D.G.A. BASE. SIDEWALKS AT DRIVEWAYS SHALL HAVE A MINIMUM THICKNESS OF 6". A FINE BROOM FINISH SHALL BE PROVIDED WITH CONTROL JOINTS SPACED AT 5' INTERVALS AND EXPANSION JOINTS AT 25' INTERVALS, AT ALL BENDS AND WHERE ADJUTING RIGID STRUCTURES.

THE CONTRACTOR SHALL PROVIDE A COMPACTED DEPTH OF 6" TOPSOIL OVER ALL PVIOUS AREAS ON THE PROJECT.

THE SUBJECT PROPERTY IS NOT LOCATED IN THE 100 YEAR FLOOD PLAIN. THIS DETERMINATION WAS MADE BY A PERSONAL REVIEW OF FLOOD MAP #21111C0180 D DATED FEBRUARY 2, 1994.

HANDICAP RAMP TO COMPLY WITH ADA REQUIREMENTS.

THE PROPERTY CONTAINS 1.265 ACRES.

THE PROPERTY IS CURRENTLY ZONED C-2.

FOLLOWING EXPOSURE OF THE SANITARY SEWER CONNECTION, CONTRACTOR SHALL CONTACT LEISA CALLOWAY AT MSD 540-6212 TO VERIFY SANITARY SEWER SERVICE.

CONSTRUCTION APPROVAL REQUIRED FROM MSD'S INDUSTRIAL WASTE DEPARTMENT FOR THE PROPOSED CAR WASH.

SITE IS SUBJECT TO MSD'S REGIONAL FACILITY FEE.

## INCREASE IN IMPERVIOUS AREA

PREDEVELOPED IMPERVIOUS AREA = 5,594 SQ. FT.  
DEVELOPED IMPERVIOUS AREA = 39,651 SQ. FT.  
INCREASE IN IMPERVIOUS AREA = 34,057 SQ. FT.

## UTILITY PROTECTION NOTE

ALL UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. INDIVIDUAL SERVICE LINES ARE NOT SHOWN. PRIOR TO ANY EXCAVATION, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY PROTECTION CENTER, BUD PHONE 1-800-752-6007, WHICH WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF THE BELOW GROUND UTILITIES. THE CONTRACTOR OR SUBCONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT.

## EROSION PREVENTION and SEDIMENT CONTROL

THE APPROVED EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLAN SHALL BE IMPLEMENTED PRIOR TO ANY LAND-DISTURBING ACTIVITY ON THE CONSTRUCTION SITE. ANY MODIFICATIONS TO THE APPROVED EPSC PLAN MUST BE REVIEWED AND APPROVED BY MSD'S PRIVATE DEVELOPMENT REVIEW OFFICE. EPSC BMP'S SHALL BE INSTALLED PER THE PLAN AND MSD STANDARDS. DETENTION BASINS, IF APPLICABLE, SHALL BE CONSTRUCTED FIRST AND SHALL PERFORM AS SEDIMENT BASINS DURING CONSTRUCTION UNTIL THE CONTRIBUTING DRAINAGE AREAS ARE SEEDS AND STABILIZED. ACTIONS MUST BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO PUBLIC ROADWAYS. SOIL TRACKED ONTO THE ROADWAY SHALL BE REMOVED DAILY. SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, SWALES AND CATCH BASINS. STOCKPILES SHALL BE SEDED, MULCHED AND ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE. ALL STREAM CROSSINGS MUST UTILIZE LOW-WATER CROSSING STRUCTURES PER MSD STANDARD DRAWING ER-02. WHERE CONSTRUCTION OR LAND DISTURBANCE ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF A SITE, TEMPORARY SITE STABILIZATION MEASURES SHALL BE REQUIRED AS PRACTICABLE, BUT NO LATER THAN 14 CALENDAR DAYS AFTER THE ACTIVITY HAS CEASED. SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE OR CATCH BASIN.

## TREE PRESERVATION NOTE

CONSTRUCTION FENCING SHALL BE ERECTED PRIOR TO ANY GRADING OR CONSTRUCTION ACTIVITIES TO PROTECT THE EXISTING TREE STANDS AND THEIR ROOT SYSTEMS FROM COMPACTION. THE FENCING SHALL ENCLOSE THE ENTIRE AREA BENEATH THE TREE CANOPY AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IS COMPLETED. NO PARKING, MATERIAL STORAGE, OR CONSTRUCTION ACTIVITIES ARE TO BE PERMITTED WITHIN THESE PROTECTED AREAS.

## LANDSCAPING SUMMARY

VEHICULAR USE AREA ----- 24,644 SQ.FT.  
REQUIRED INTERIOR LANDSCAPING ----- 1,232 SQ.FT.  
PROVIDED INTERIOR LANDSCAPING ----- 1,653 SQ.FT.

## PARKING SUMMARY

PARKING SPACES REQUIRED ----- 42  
(CAR WASH: 24 SPACES; RETAIL: 18 SPACES)  
PARKING SPACES PROVIDED ----- 46 INCL. 2 HC  
PARKING SPACES PROVIDED

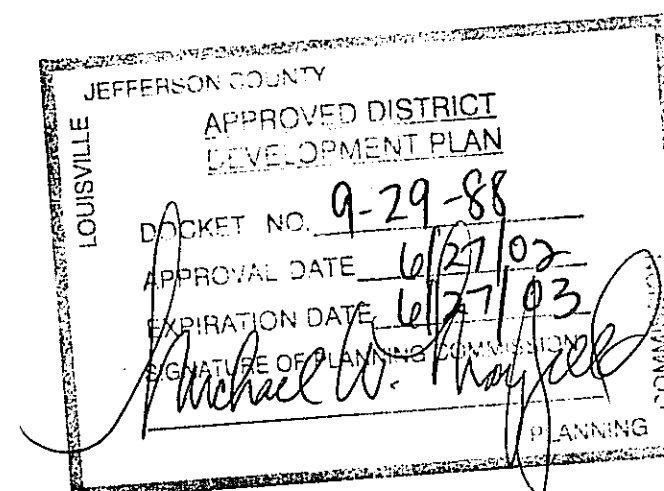
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JUN 26 2002

PLANNING & DEVELOPMENT SERVICES

## NOTICE

PERMITS SHALL BE ISSUED **LOCATION MAP** ONLY IN CONFORMANCE WITH THE BINDING ELEMENTS OF THIS DISTRICT DEVELOPMENT PLAN. N.T.S.



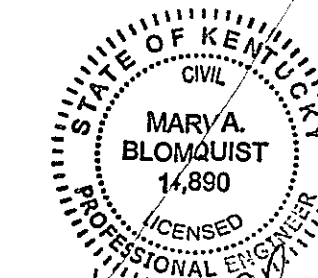
## LEGEND

- + 40.00 EX. SPOT ELEVATION
- STMMH SANITARY/STORM SEWER
- 440 EXISTING CONTOURS
- EXIST. DRAINAGE FLOW
- FENCELINE
- OE OVERHEAD ELECTRIC
- FIP FOUND IRON PIN
- STMMH SEWER/STORM MANHOLE
- SPKN/SIP EXISTING TREE
- LP SET P.K. NAIL/IRON PIN
- UP LIGHT STANDARD
- UP UTILITY POLE
- 440 FIRE HYDRANT
- TRAFFIC SIGN
- PIPE POST/BOLLARD
- 440 PROPOSED CONTOURS
- 40.00 PROPOSED SPOT ELEVATIONS
- MEB MATCH EXISTING GRADE
- PROPOSED DRAINAGE FLOW

## PRELIMINARY APPROVAL DEVELOPMENT PLAN

SHALL COMPLY WITH ORDINANCE #28

CONDITIONS:  
BY: *[Signature]*  
DATE: 6/26/02  
JEFFERSON COUNTY PUBLICWORKS



'REVISED'

'DETAILED DISTRICT DEVELOPMENT PLAN' FOR

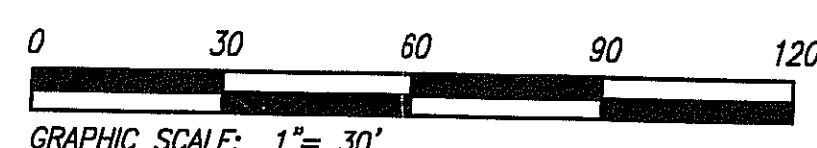
WASH-N-SHINE CAR WASH  
RETAIL BUILDING

TAX BLOCK 44 LOT NO. 474  
3840 SO. HURSTBOURNE PARKWAY  
LOUISVILLE, KENTUCKY 40299

NO. 1  
SHEETS IN SET 1

## EROSION CONTROL LEGEND

- SILT FENCE MSD STD DWG EF-09-01
- [Symbol] = STONE BAG CURB INLET PROTECTION MSD STD DWG EF-04-00
- [Symbol] STABILIZED CONSTRUCTION ENTRANCE MSD STD DWG ER-01-01



BLOMQUIST DESIGN GROUP, LLC  
10529 TIMBERWOOD CIRCLE SUITE "E"  
LOUISVILLE, KENTUCKY 40223  
PHONE: 429.0105 FAX: 429.6861  
EMAIL: MARVBDG@AOL.COM

REVISIONS	SCALE:
1. MAB 7/21/02	1" = 30'
DRWN: MAB	
CKD: MAB	
DATE: JUNE 26, 2002	