

PROPOSED EXPANSION TO WAL-MART #2616-04
 O'FALLON POINTE CENTRE
 O'FALLON, MISSOURI 63366
 BY: WAL-MART REAL ESTATE BUSINESS TRUST
 BENTONVILLE, AR.

REVISIONS	BY

DRAWN BY CER
 CHECKED BY DMW
 DATE 05/30/2008
 SCALE 1" = 60'
 JOB No. 06-107
 SHEET NUMBER

ES-3A

EDDS 8059

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
TEMPORARY CONSTRUCTION EXITS												
TEMPORARY CONTROL MEASURES												
SEDIMENT CONTROL BASINS												
STRIP & STOCKPILE TOPSOIL												
ROUGH GRADE												
STORM FACILITIES												
SITE CONSTRUCTION												
PERMANENT CONTROL STRUCTURES												
FOUNDATION / BUILDING CONSTRUCTION												
FINISH GRADING												
LANDSCAPING/SEED/FINAL STABILIZATION												
HIGHWAY IMPROVEMENTS												

ALL EROSION & SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY AFTER ONSITE INSPECTION BY THE ISSUING AUTHORITY.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

ACREAGE SUMMARY (IN ACRES)

TOTAL PROJECT AREA	25 ACRES
WAL-MART DEMISE AREA	18 ACRES
ON-SITE DISTURBED AREA	18 ACRES
OFF-SITE DISTURBED AREA	1 ACRE
TOTAL DISTURBED (NET MATCH NO)	19 ACRES
IMPERVIOUS AREA AT COMPLETION	21 ACRES
PERVIOUS AREA AT COMPLETION	4 ACRES

MULCHING SCHEDULE Ds1

MULCHING MATERIAL	RATE/ACRE
DRY STRAW OR HAY	2.5 TONS
WOOD WASTE, CHIPS, SAWDUST, OR BARK	6 TO 9 TONS (2 TO 3" DEEP)

FERTILIZATION REQUIREMENTS Ds4

SPECIES	FERTILIZER (N-P-K)	RATE (lbs/AC)	NITROGEN TOP DRESSING RATE (lbs/AC)
FESCUE	6-12-12	1,500	50-100
KENTUCKY BLUEGRASS			

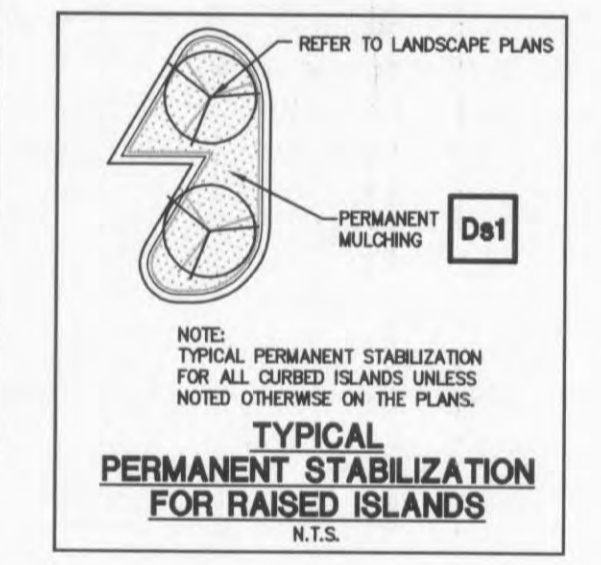
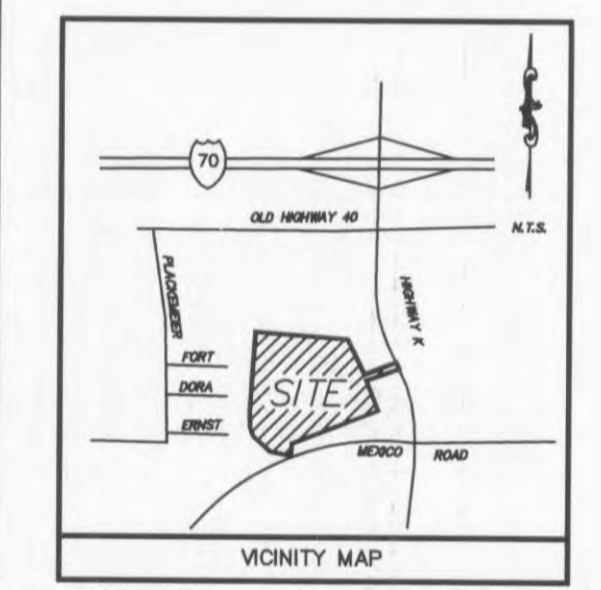
NOTE: APPLY LIME AT THE RATE OF 1 TON/ACRE

STRUCTURAL PRACTICES - PHASE III

CODE	PRACTICE	MAP SYMBOL	DESCRIPTION
CoA	CONSTRUCTION EXIT		A crushed stone pool located at the construction exit to provide a place for removing mud from tires thereby protecting public streets.
CoB	TRUCK WASH OFF AREA		An area with a steel ribbed rock used for scraping and washing mud off of vehicles tires and undercarriages prior to exiting the site.
Fr	FILTER RING		A temporary stone barrier constructed at storm drain inlets and pond outlets.
Rt	TEMPORARY SEDIMENT BASIN RETROFIT		A device or structure placed in front of a permanent structure to serve as a temporary sediment filter.
Sd1A	SEDIMENT BARRIER SILT FENCE		A silt fence barrier to prevent localized disturbance. The barriers are usually temporary and inexpensive.
Sd1B	SEDIMENT BARRIER SILT DIKE		A silt fence barrier placed on existing pavement to prevent localized disturbance. The barriers are usually permanent and can be recycled/reused.
Sd2A	FILTER SEDIMENT FILTER		An inlet sediment filter for fumes created by placing concrete blocks, wire mesh and aggregate around the perimeter of the flume to filter runoff before entering the flume.
Sd2C	FILTER SACKS		A below grade geotextile insert for graded media which traps sediment in stormwater runoff while allowing water to pass through.
Sd2D	CURB INLET SEDIMENT FILTER		An inlet sediment filter for curb inlets created by placing geotextile, wire mesh and gravel in front of the inlet to filter runoff before entering the storm sewer system.
Sd2E	SILT FENCE INLET PROTECTION		An inlet sediment trap created by constructing a silt fence with cross brace supports around all four sides of the structure.
Sd2F	J-HOOK CURB TRAP		Wattles, Eco-Blocks, etc. installed around the gutter to prevent sediment from entering the storm drain inlet.
St	STORM DRAIN OUTLET PROTECTION		A panel or sheet section of riprap placed at the outlet of a storm drain outlet to prevent sediment from the concentrated runoff.

VEGETATIVE PRACTICES - PHASE III

CODE	PRACTICE	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (BY MULCHING ONLY)		Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retaining cover.
Ds4	DISTURBED AREA STABILIZATION (W/ SODDING)		A permanent vegetative cover using sod.



SOIL SERIES LEGEND

HU HARVESTER-URBAN LAND COMPLEX 2 TO 9 PERCENT SLOPES (ENTIRE SITE)

EROSION CONTROL LEGEND

- PROPERTY LINE
- LIMITS OF DISTURBANCE
- GRADE BREAK
- CONTOUR ELEVATIONS
- STORM DRAIN
- DIRECTION OF OVERLAND FLOW
- SILT FENCE/SILT DIKE (IN PAVEMENT)
- TEMP. CONSTRUCTION STAGING AREA

- PERMANENT SODDING
- PERMANENT MULCHING

LIMITS OF CONSTRUCTION

- SEE PHASING PLAN FOR ACTIVITIES TO OCCUR WITHIN EACH STAGE.
- I LOC PHASE I LIMITS OF CONSTRUCTION
 - II LOC PHASE II LIMITS OF CONSTRUCTION

OWNER-

THE O'FALLON DEVELOPMENT, L.L.C.
 2127 INNERBELT BUSINESS CENTER DR.
 SUITE 200
 ST. LOUIS, MISSOURI 63114
 CONTACT: MR. DARREN RIDENHOUR
 (314) 429-0900
 (314) 429-0999

BORROW & DISPOSAL INFORMATION

BORROW SITE NAME:	DISPOSAL SITE NAME:
BORROW SITE ADDRESS:	DISPOSAL SITE ADDRESS:
BORROW SITE PERMIT HOLDER:	DISPOSAL SITE PERMIT HOLDER:
BORROW SITE PERMIT:	DISPOSAL SITE PERMIT:
BORROW SITE PERMITTING AGENCY:	DISPOSAL SITE PERMITTING AGENCY:

NOTES: 1) CONTRACTOR SHALL FILL IN BORROW AND DISPOSAL INFORMATION ABOVE.
 2) BORROW AND DISPOSAL INFORMATION IS NEEDED FOR SOIL FILL AND SPOIL MATERIALS ONLY.
 3) CONTRACTOR SHALL STATE "NOT REQUIRED FOR THIS PROJECT" IF ONE OR BOTH ARE NOT REQUIRED FOR PROJECT.

REFER TO PLAN SHEET ES-4 FOR GENERAL NOTES, MAINTENANCE NOTES, SITE DATA & QUAD MAP

OFF-SITE RUN-ON ACREAGE SUMMARY

OFF-SITE DRAINAGE AREA	ACREAGE	AVERAGE SLOPE	MAXIMUM SLOPE	COVER TYPE
AREA 1 (NORTH OF SITE)	25 AC.	4.00%	16.67%	WOODED

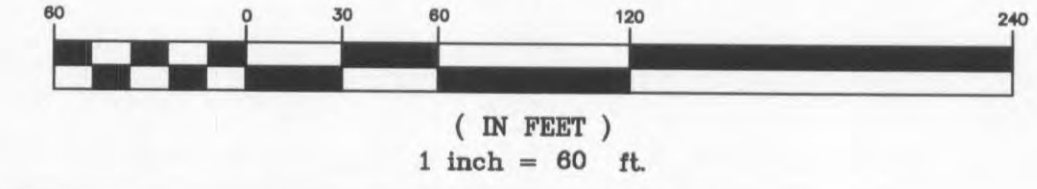
DEVELOPER: WAL-MART REAL ESTATE BUSINESS TRUST
 2001 SE 10TH STREET
 BENTONVILLE, AR 72716
 479-273-4000

SITE OPERATOR/GENERAL CONTRACTOR:
 SUPERINTENDENT:

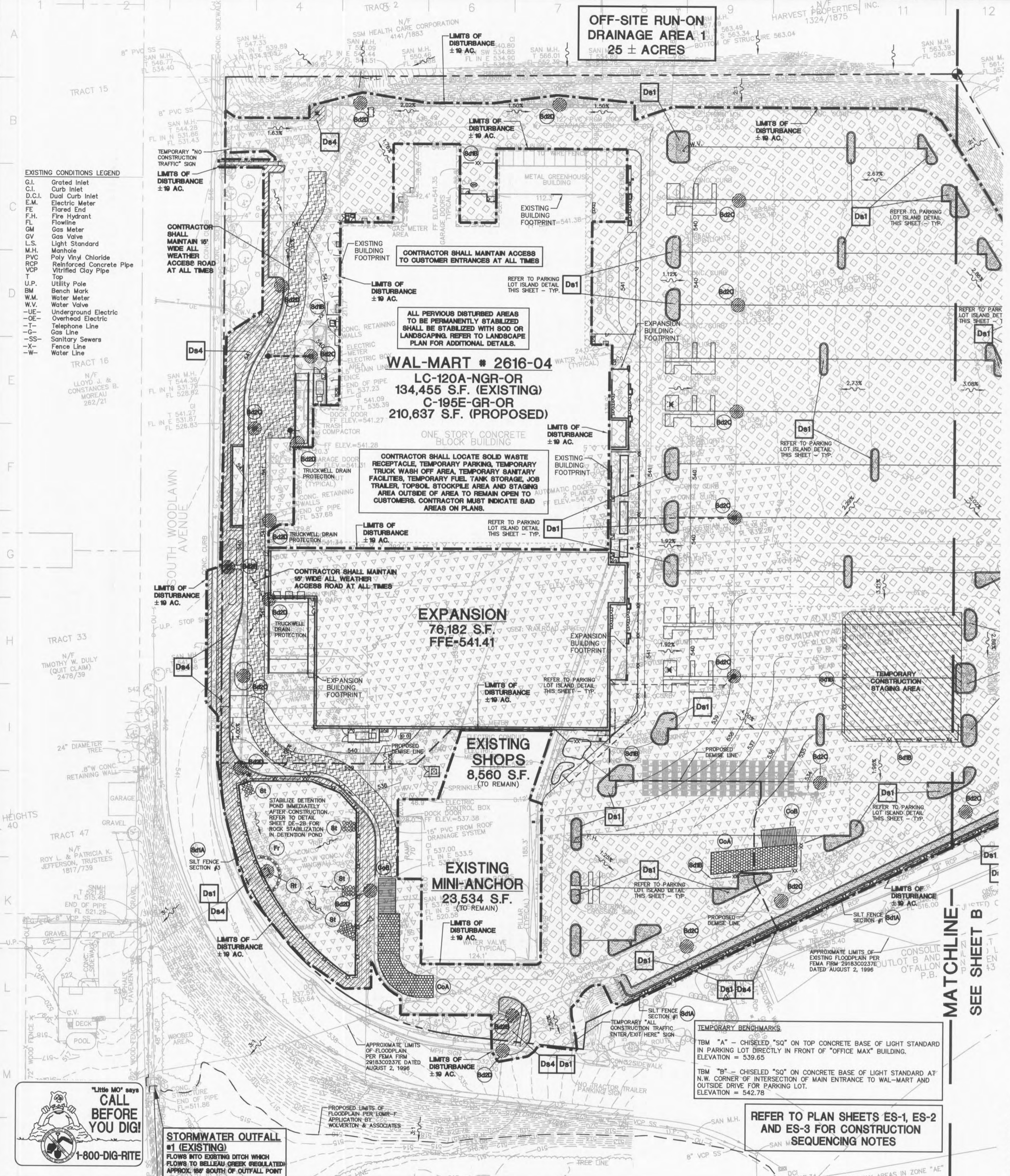
PLANNING AND DEV. DEPT. FILE NO.: 00-109.02
 DATE OF PLANNING APPROVAL: 09/06/2007

PHASE III - SITE MAP EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN

GRAPHIC SCALE



OFF-SITE RUN-ON DRAINAGE AREA 1 25 ± ACRES



- ### EXISTING CONDITIONS LEGEND
- G.I. Gated Inlet
 - C.I. Curb Inlet
 - D.C.I. Dual Curb Inlet
 - E.M. Electric Meter
 - F.E. Flored End
 - F.H. Fire Hydrant
 - FL. Flowline
 - GM. Gas Meter
 - GV. Gas Valve
 - L.S. Light Standard
 - M.H. Manhole
 - P.V.C. Poly Vinyl Chloride
 - RCP. Reinforced Concrete Pipe
 - VCP. Vitritified Clay Pipe
 - T. Top
 - U.P. Utility Pole
 - B.M. Bench Mark
 - W.M. Water Meter
 - W.V. Water Valve
 - U.E. Underground Electric
 - O.E. Overhead Electric
 - T.L. Telephone Line
 - G.L. Gas Line
 - S.S. Sanitary Sewers
 - F.L. Fence Line
 - W.L. Water Line

CONTRACTOR SHALL MAINTAIN 10' WIDE ALL WEATHER ACCESS ROAD AT ALL TIMES

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CONTRACTOR SHALL PERMANENTLY STABILIZED ALL PERVIOUS DISTURBED AREAS TO BE PERMANENTLY STABILIZED WITH SOIL OR LANDSCAPING. REFER TO LANDSCAPE PLAN FOR ADDITIONAL DETAILS.

CONTRACTOR SHALL LOCATE SOLID WASTE RECEPTACLE, TEMPORARY PARKING, TEMPORARY TRUCK WASH OFF AREA, TEMPORARY SANITARY FACILITIES, TEMPORARY FUEL TANK STORAGE, JOB TRAILER, TOPSOIL, STOCKPILE AREA AND STAGING AREA OUTSIDE OF AREA TO REMAIN OPEN TO CUSTOMERS. CONTRACTOR MUST INDICATE SAID AREAS ON PLANS.

TEMPORARY BENCHMARKS
 TBM "A" - CHISELED "SQ" ON TOP CONCRETE BASE OF LIGHT STANDARD IN PARKING LOT DIRECTLY IN FRONT OF "OFFICE MAX" BUILDING. ELEVATION = 539.65
 TBM "B" - CHISELED "SQ" ON CONCRETE BASE OF LIGHT STANDARD AT N.W. CORNER OF INTERSECTION OF MAIN ENTRANCE TO WAL-MART AND OUTSIDE DRIVE FOR PARKING LOT. ELEVATION = 542.78

REFER TO PLAN SHEETS ES-1, ES-2 AND ES-3 FOR CONSTRUCTION SEQUENCING NOTES

"Little MO" says CALL BEFORE YOU DIG!
 1-800-DIG-RITE

STORMWATER OUTFALL #1 (EXISTING)
 FLOWS INTO EXISTING DITCH WHICH FLOWS TO BELLEAU CREEK (REGULATED APPROX 1/2 MILE SOUTH OF OUTFALL POINT)

PROPOSED LIMITS OF FLOODPLAIN PER FEMA APPLICATION BY WOLVERTSON & ASSOCIATES