UTILITY INFORMATION WATER OWNER ST. CHARLES PWSD NO. 2 REPRESENTATIVE JEFF BLECKMAN, P.B. ADDRESS 100 WATER DRIVE P.O. BOX 370 O'FALLON, MO. 63366-0370 PHONE (636) 561-3737 EXT. 120 SEWER OWNER ST. CHARLES PWSD NO. 2 REPRESENTATIVE JEFF BLECKMAN, P.E. ADDRESS 100 WATER DRIVE P.O. BOX 370 O'FALLON, MO. 63366-0370 ELECTRIC OWNER QUIVRE RIVER ELECTRIC COOPERATIVE, INC. REPRESENTATIVE ADDRESS P.O. BOX 160 TROY, MO 63379 PHONE (636) 327-5282 OWNER ST. CHARLES GAS COMPANY ADDRESS 1 WESTBUREY SQUARE, BLDG. D ST. CHARLES, MO. 63301 PHONE TELEPHONE OWNER VERIZON MIDWEST REPRESENTATIVE CARL OWENS ADDRESS 680 PARR RD. BLDG. AA WENTZVILLE, MO. PHONE (636) 332-7392 CABLE OWNER CHARTER COMMUNICATIONS REPRESENTATIVE RANDY HENDE ADDRESS 4282 SHORELINE DRIVE EARTH CITY, MO. 63045 PHONE (314) 738-0091 CITY OF LAKE SAINT LOUIS DIRECTOR OF COMMUNITY DEVELOPMENT STEVE SCHERTEL ADDRESS 1000 LAKE SAINT LOUIS BOULEVARD, SUITE 16 LAKE SAINT LOUIS, MISSOURI 63367 CITY ADMINISTRATOR PAUL MARKWORTH PHONE (636) 625-1200 STATE AND FEDERAL AGENCIES

MISSOURI DEPARTMENT OF TRANSPORTATION

REPRESENTATIVE JIM GREMAND

PHONE (636) 240-5277

SITE DEVELOPMENT PLANS FOR SHOPPES AT LAKE SAINT LOUIS AND Schnucks

IN THE CITY OF LAKE SAINT. LOUIS ST. CHARLES COUNTY, MISSOURI

OWNER/DEVELOPER SCHNUCK MARKETS, INC.

P.O. BOX 46928 11420 LACKLAND ROAD, ST. LOUIS, MO. 63146-6928 TELEPHONE (314) 994-9900

LAKE SAINT LOUIS, MISSOURI

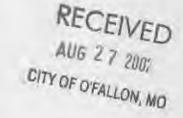
B.F.A. PROJECT No. 98-2394



CONSULTANTS-ENGINEERS-SURVEYORS

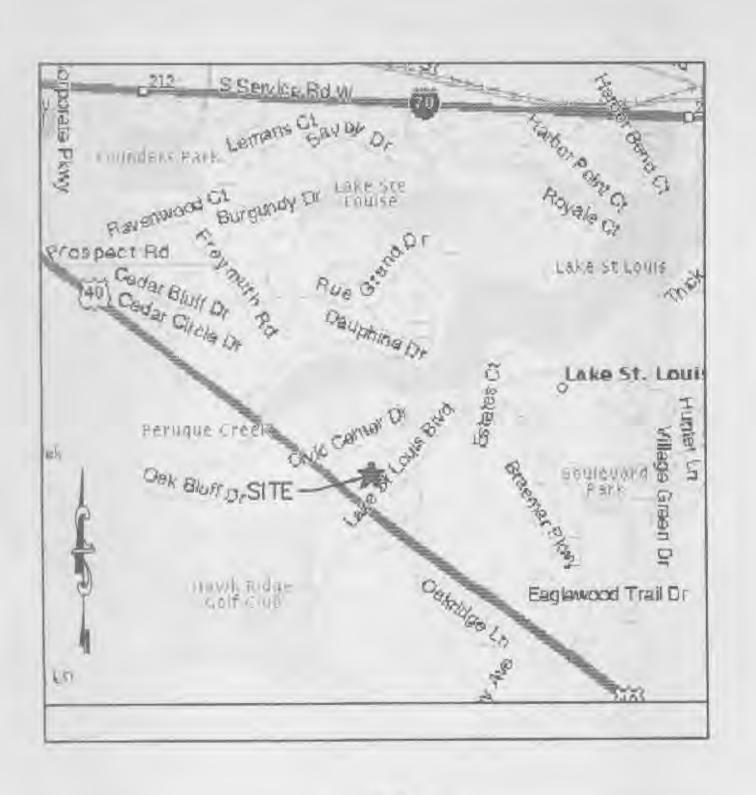
103A ELM STREET WASHINGTON, MISSOURI 63090 TELEPHONE (636) 239-4751

JUNE, 2002



SITE DEVELOPMENT PLANS SHEET TITLE	SHEET, NO.
TOPOGRAPHIC & OUTBOUNDARY SURVEY	1
DEMOLITION PLAN	2
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EROSION CONTROL PLAN	4
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DETAIL SHEET	15
DETAIL SHEET	16
PRECAST DROP INLET SHEET	17

* NOTE SHEET 7 HAS BEEN DESIGNED & PROVIDED BY OTHERS

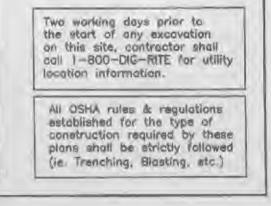


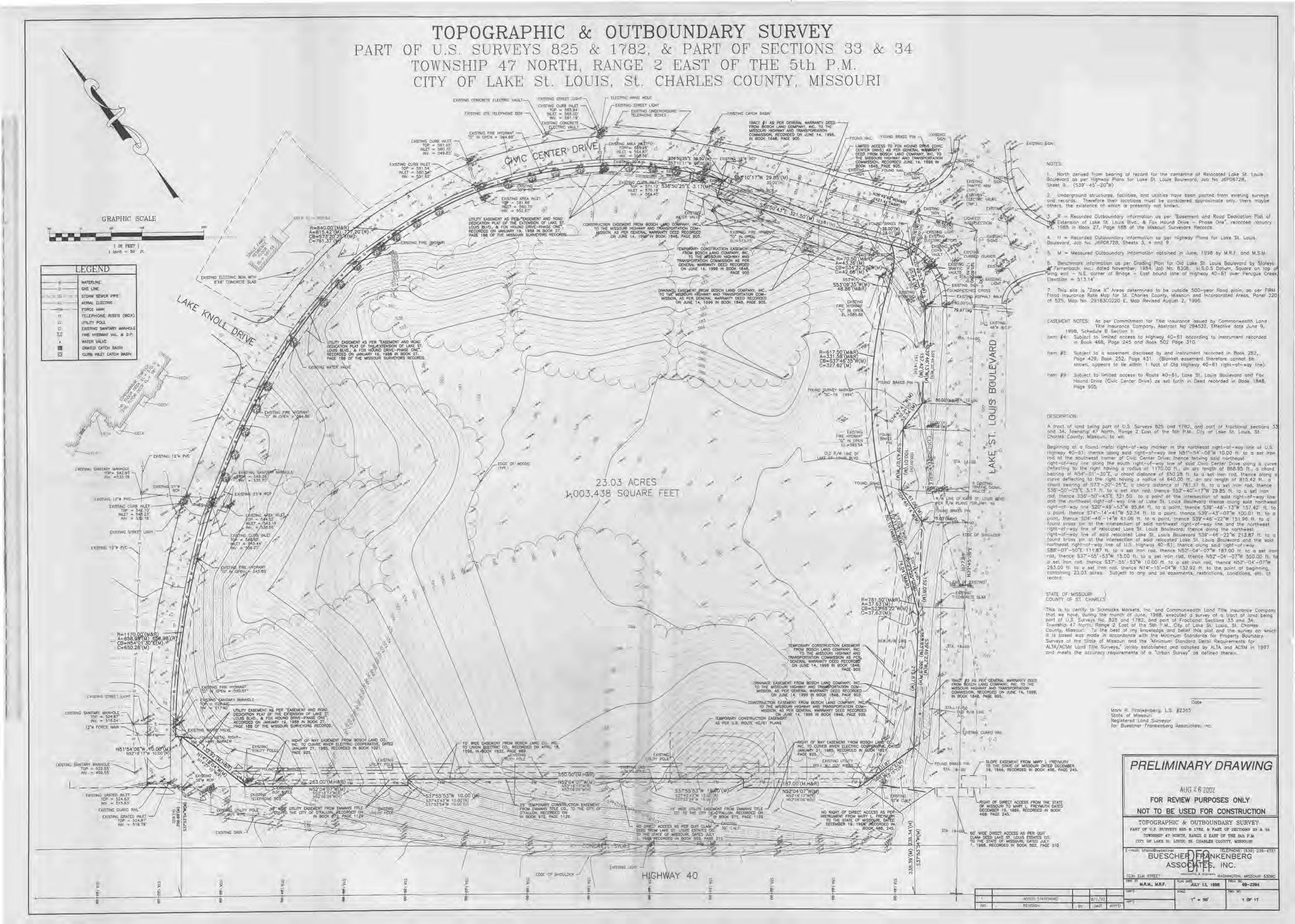


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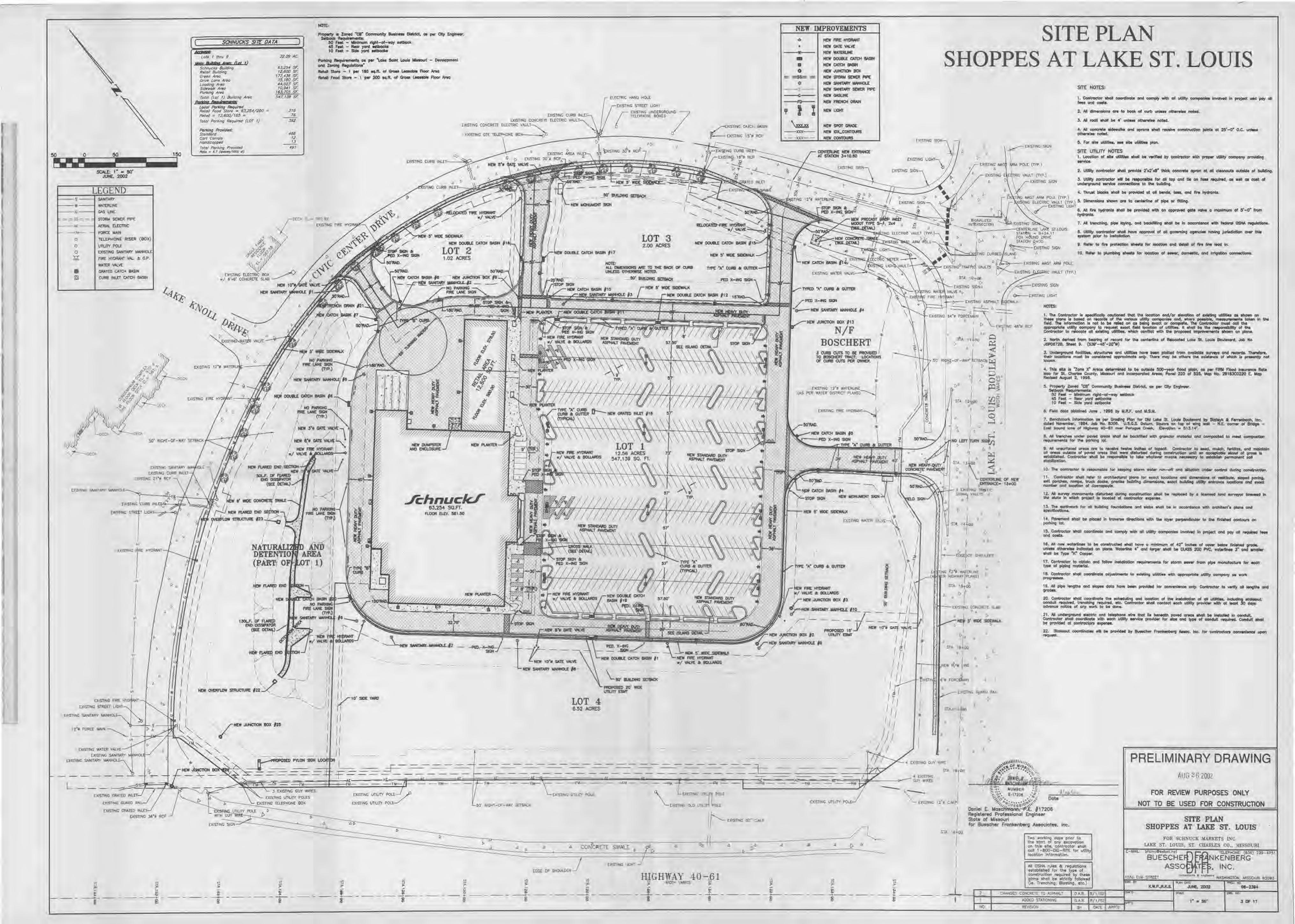
FOR REVIEW PURPOSES ONLY
NOT TO BE USED FOR CONSTRUCTION

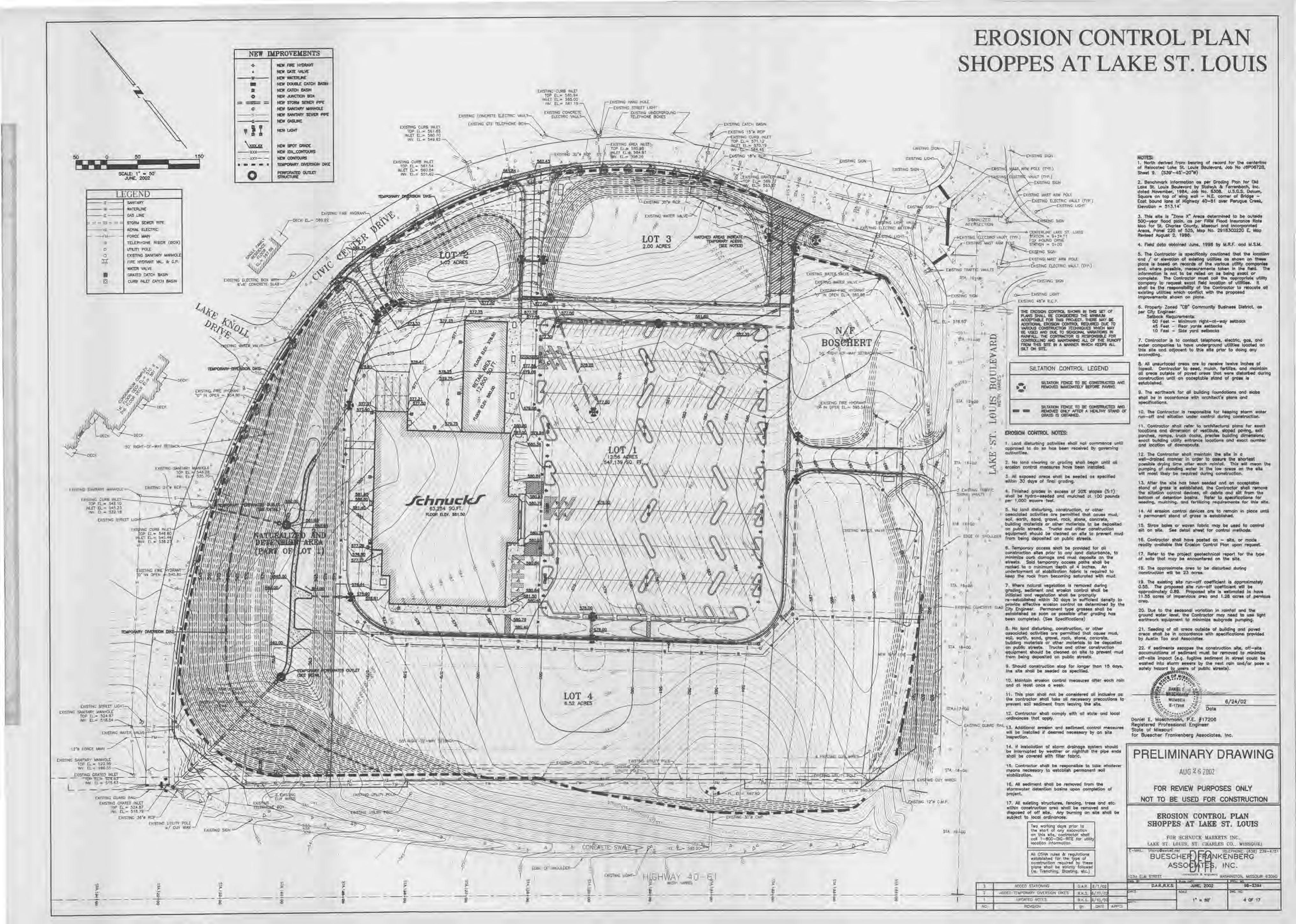


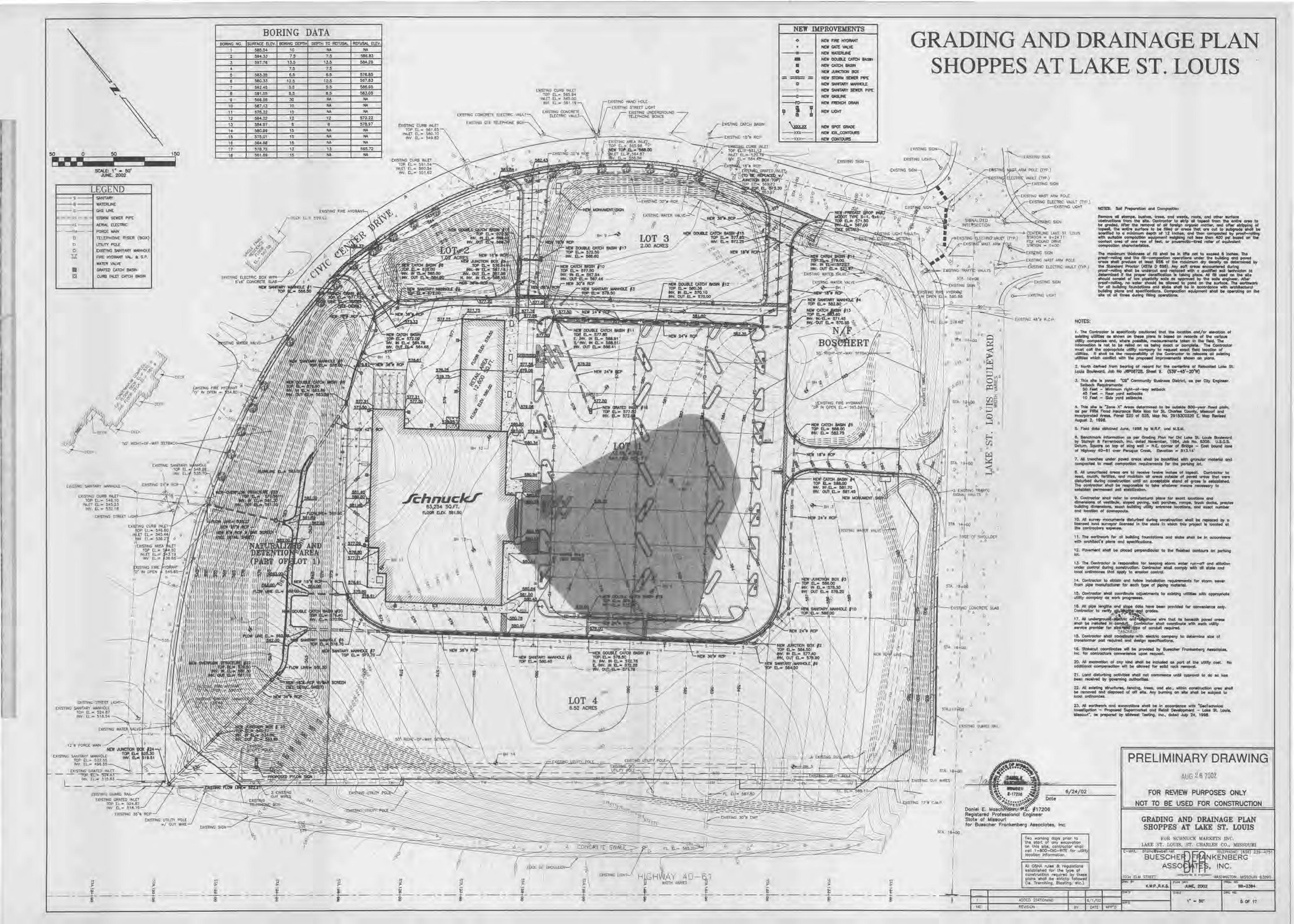


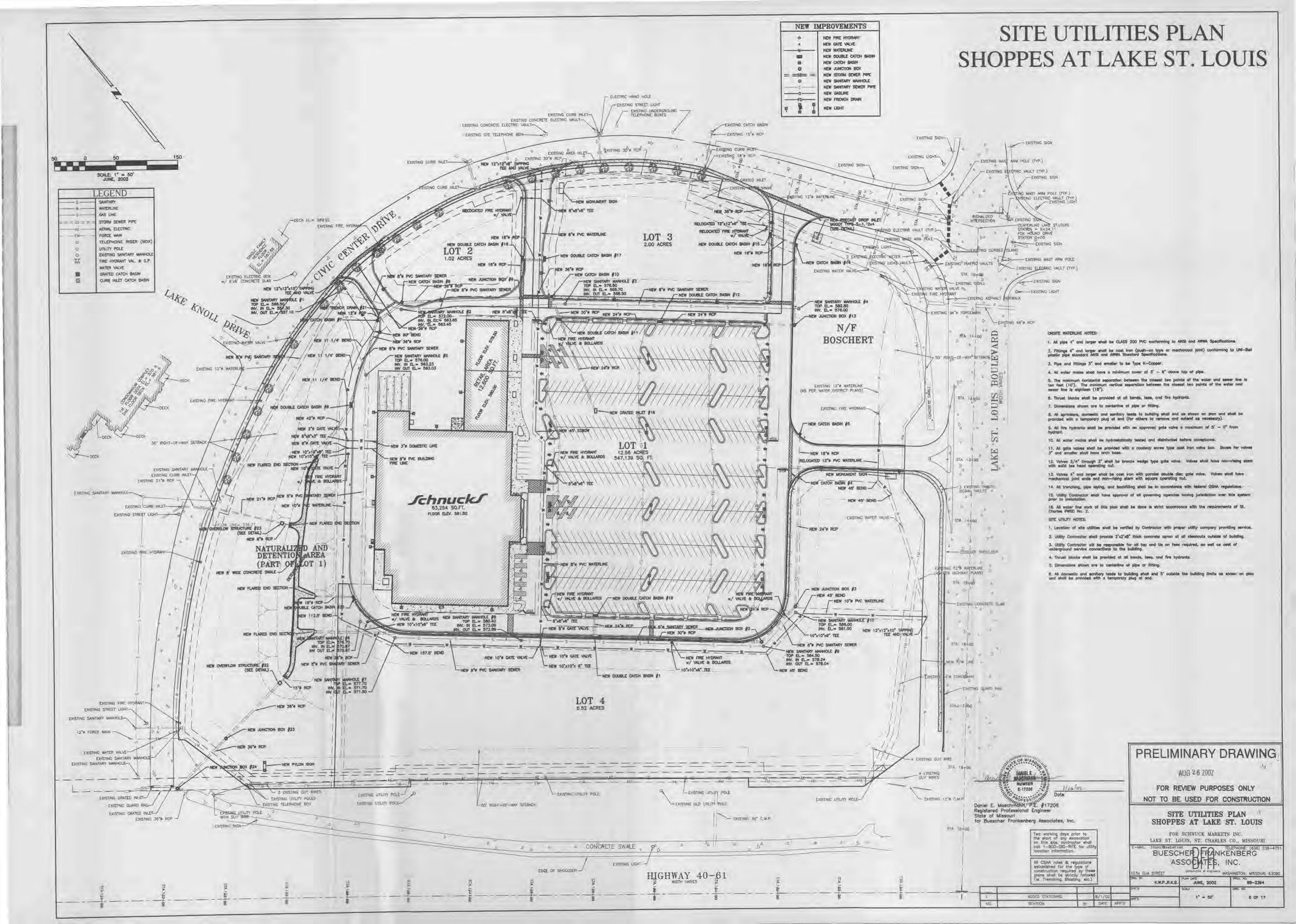
DEMOLITION PLAN SHOPPES AT LAKE ST. LOUIS EXISTING CONGRETE ELECTRIC VAULT - EXISTING STREET LIGHT -- ELECTRIC HAND HOLE -EXISTING STREET LIGHT EXISTING UNDERGROUND TELEPHONE BOXES EXISTING GTE TELEPHONE BOX --EXISTING CATCH BASIN EXISTING CONCRETE EXISTING FIRE HYDRANT -"O" IN OPEN = 564.88" TOP = 57 % 12' (TO BE RELOCATED) (TO BE REMOVED)/ EXISTING GRATED INLET-(TO BE REPLACED WITH GRAPHIC SCALE (TO REMAIN) (TO BE REMOVEE) INTERSECTION (IN FEET) 1. The Contractor is specifically contioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and, where passible, measurements taken in the field. The information is not to be relied on as being exact or complete. The Contractor must call the appropriate utility company to request exact field location of utilities. It shall be the responsibility of the Contractor to relocate all existing utilities, which conflict with the proposed improvements shown on plans. 1 meh = 50 ft EXISTING ELECTRIC BOX WITH 6'X6' CONCRETE SLAB LEGEND Benchmark information as per Grading Plan for Old Lake St. Louis Boulevord by Stolwyk & Ferrenbach, Inc. dated November, 1984, Job No. 8303. U.S.G.S. Datum, Square on top of wing wall — N.E. corner of Bridge — East bound lane of Highway 40—81 over Perugue Creek, Elevation = 513.14" WATERLINE GAS LINE EMISTING TREES (TO BE REMOVED) North derived from bearing of record for the centerline of Relocated Lake St. Louis Boulevard, Job No. J6P0672B, Sheet 9, (\$39"-45"-20"W) = = SS = = = STORM SEWER PIPE - EXISTING SIGN AERIAL ELECTRIC 4. Field data obtained June 1998 by M.R.F. and M.S.M. Property Zoned "CB" Community Business District, as per City Engineer. Setback Requirements: 50 Feet - Minimum right-of-way setback 45 Feet - Rear yards setbacks 10 Feet - Side yard setbacks EXISTING SANITARY MANHOL FIRE HYDRANT VAL. & G.P. This site is "Zone X" Areas determined to be outside 500-year flood plain, as per FIRM Flood Insurance Rate Map for St. Chorles County, Missouri and incorporated Areas, Panel 220 of 525, Map No. 29183C0220 E, Map Revised August WATER VALVE GRATED CATCH BASIN CURB INLET CATCH BASIN Contractor shall notify all utility companies having underground utilities on site or in right—of—way prior to excavation. Contractor shall contact utility lacating company and locate all utilities prior to grading stort. 6. Site grading shall not proceed until erasion control measures have been 9. The contractor is responsible for keeping storm water run-off and sitation under control during construction. 10. Land disturbing activities shall not commence until approval to do so has seen received by governing authorities. 11. All existing structures, unless otherwise noted to remain, fencing, trees, and stc. within the construction area shall be removed and disposed of aff site. Any burning an site shall be subject to local and state Specifications. "O" IN OPEN = \$54.80" 12. All demolition, disposal, etc. fees are to be paid by the contractor. 13. Contractor is responsible for all underground utilities that are required to be (TO BE REMOVED) . removed and relocated. FIRE HYDRANT 14. Contractor shall refer to the grading plan for additional clarification of trees which are to remain. Trees that are to be saved shall be protected by placing construction fencing at the drip line of the trees. Construction fencing shall be placed prior to doing any excevation. (TO BE REMOVED) 15. It shall be the Contractors responsibility to keep must and silt an-site and off the streets. Contractor shall establish a construction access wash down area at each construction access location. All temporary backflow preventors, meters, valves, etc required shall be provided by the contractor. SANITARY EXISTING 12" OFFIC WATERLINE (TO BE RELOCATED) MANHOLE 18. Contractor shall coordinate the relocation of signs, light poles, etc. that are within the highway improvements work area with the Missouri Department of Transportation and the City of Lake Saint Louis. FOUND BRASS EXISTING 21"6 (TO BE REMOVED) 17. Contractor shall be responsible for traffic control, necessary barricades, construction fence, temporary signage, etc., necessary to facilitate customer and truck traffic, and insure customer safety. PER TOW PLANS FOR HAY 40 TOP = 546.10' 18. All utilities providing service to the adjacent property owners shall be relocated, remarked, and/or reinstalled and hooked—up in a manner to not to cause disruption. of service. Contractor is responsible for all temporary utilities, sanitary sewer, storm sewer structures, etc. necessary to maintain service throughout each phase - EDGE OF SHOULDER 19. Contractor shall sawcut existing pavement, concrete, curb and gutter at limits of removal. Contractor shall provide a smooth transition from existing surfaces to - END OF EXISTING > ACUARD RAIL " IN OPEN # 545.85 E-17206 Daniel E. Maschmann, P.E. #17208 Registered Professional Engineer (NO BE REMOVED) for Buescher Frankenberg Associates, Inc. STING FIRE HYDRANT NN OPEN - 550.57" EXISTING STREET LIGHT EXISTING SANITARY MANHOLE EXISTING TELEPHONE BOX EXISTING SANITARY MANHOLE -TOP = 524.87'INV. = 518.54' 12" FORCE MAIN -EXISTING DILLIV POLES UTILITY POLE PRELIMINARY DRAWING EXISTING SANITARY MANHOLE -AUG 26 2002 FOR REVIEW PURPOSES ONLY NOT TO BE USED FOR CONSTRUCTION EXISTING GUARD RAIL" EXISTING GRATED INLET -TOP = 524.87' INV: = 518.79' DEMOLITION PLAN SU CHIP (TO BE REMOVED) SHOPPES AT LAKE ST. LOUIS EXISTING SIGN FOR SCHNUCK MARKETS INC. LAKE ST. LOUIS, ST. CHARLES CO., MISSOURI 4 CONSPETE SWALE EXISTING LIEHT -EDGE OF SHOULDER -DAR. RKS.

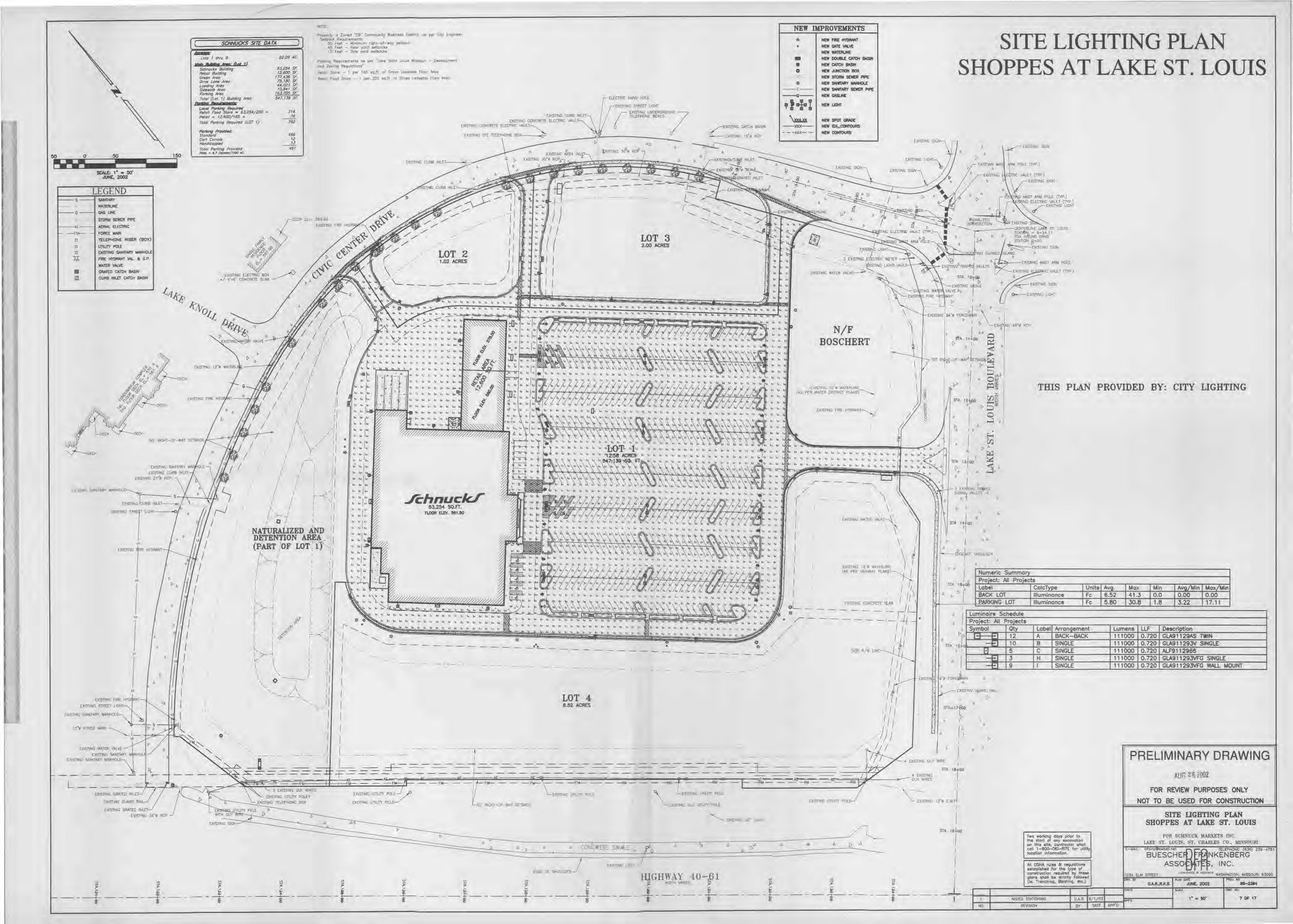
BY DATE APP'D









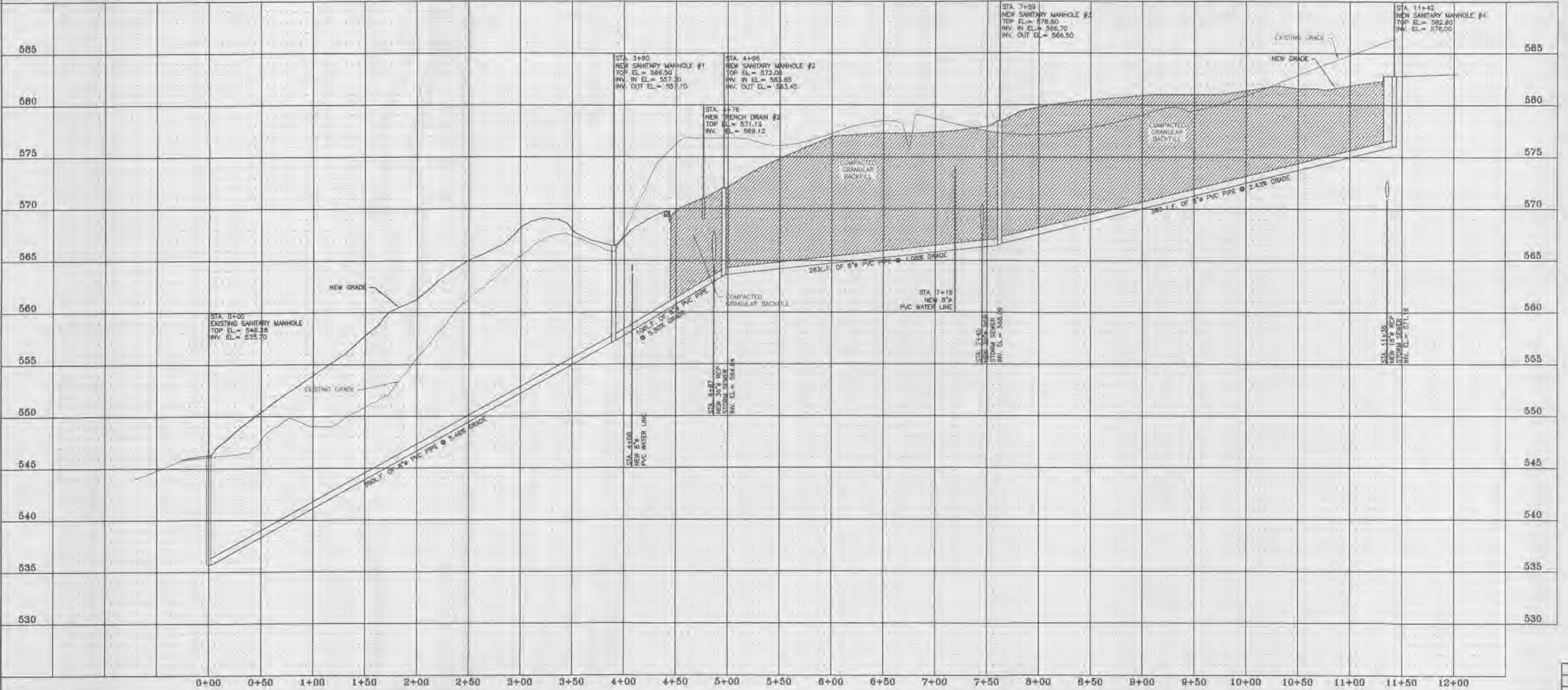




SANITARY SEWER PLAN AND PROFILE SHOPPES AT LAKE ST. LOUIS



LEGEND	
SANITARY	
WATERLINE	
GAS LINE	
STORM SEWER PIPE	
AERIAL ELECTRIC	
FORCE MAIN	
TELEPHONE RISER (BOX	
UNILITY POLE	
EXISTING SANITARY MANHOL	
FIRE HYDRANT VAL. & G.P.	
WATER VALVE	
GRATED CATCH BASIN	
CURB INLET CATCH BASIN	





NOTES

I. The Contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and, where passible, measurements taken in the field. The information is not to be relied on as being exact or complete. The Contractor must call the appropriate utility company to request exact field location of utilities. It shall be the responsibility of the Contractor to relocate all existing utilities, which conflict with the proposed improvements shown on plans:

2. North derived from bearing of record for the centerline of Relocated Lake St. Louis Boulevard, Job No. J6P06728, Sheet 9. (\$39"-45"-20"W)

 This site is Zoned "CB" Community Business District, as per City Engineer. Setback Requirements
 Feet — Minimum right—of—way setback

4. This Site is "Zone X" Areas determined to be outside 500-year flood plain, as per FIRM Flood Insurance Rate Map for St. Charles County, Missouri and Incorporated Areas , Panel 220 of 525, Map No. 2918300220 E, Map Revised August 2, 1996.

5. Field data obtained June, 1998 by M.R.F. and M.S.M.

45 Feet - Rear yard setbacks 10 Feet - Side yard setbacks

6. Benchmark information as per Grading Plan for Old Lake St. Lauis Boulevard by Stalwyk & Ferrenbach, Inc. dated November, 1984, Job No. 8308. U.S.G.S. Datum, Square on top of wing wall — N.E. corner of Bridge — East bound lane of Highway 40—61 over Parague Greek, Elevation = 513.14

7. Contractor is to contact telephone, electric, gas, and water companies to have underground utilities located on this site and adjacent to this site prior to doing any excavating.

B. All trenches under paved areas shall be backfilled with granular moterial and compacted to meet compaction requirements for the parking lot.

9. All unsurfaced areas are to receive twelve inches of topsail. Contractor to seed, mulch, fertilize, and maintain all areas outside of paved areas that were disturbed during construction until an acceptable stand of grass is established. The contractor shall be responsible to take

whatever means necessary to establish permanent soil stabilization.

10. The contractor is responsible for keeping starm water run—off and siltation under control during construction.

11. Contractor shall refer to architectural plans for exact locations and dimensions of vestibule, slaped paving, exit parches, ramps, truck docks, precise building dimensions, exact building utility entrance locations and exact number and location of downspouts.

12. All survey monuments disturbed during construction shall be replaced by a licensed land surveyor licensed in the state this project is located.

13. All existing structures, unless otherwise noted to remain, fencing, trees, and etc., within construction area shall be removed and disposed of off site. Any burning on site shall be subject to local ordinances and Lowe's specifications.

14. It shall be the contractors responsibility to keep all mud and silt on-site and off of streets.

Contractor shall establish a construction access wash down area at each construction access location.

15. All pipe lengths and slape data have been provided for convenience only. Contractor to verify all lengths and grades.



PRELIMINARY DRAWING

AUG 2 6 2002 FOR REVIEW PURPOSES ONLY NOT TO BE USED FOR CONSTRUCTION

SANITARY SEWER PLAN & PROFILE
SHOPPES AT LAKE ST. LOUIS
FOR SCHNUCK MARKETS INC.

Two working days prior to the start of any excavation on this site, contractor shall call 1-800-BIC-RITE for utility location information

All OSHA rules & regulations established for the type of Telephone (636) 255

All OSHA rules & regulations and the type of Telephone (636) 255

BUESCHEF FRANKENBERG

ASSOCIATES, INC.

10.56 ELM STREET

DAR, R.K.S.

PLAN DATE JUNE, 2002

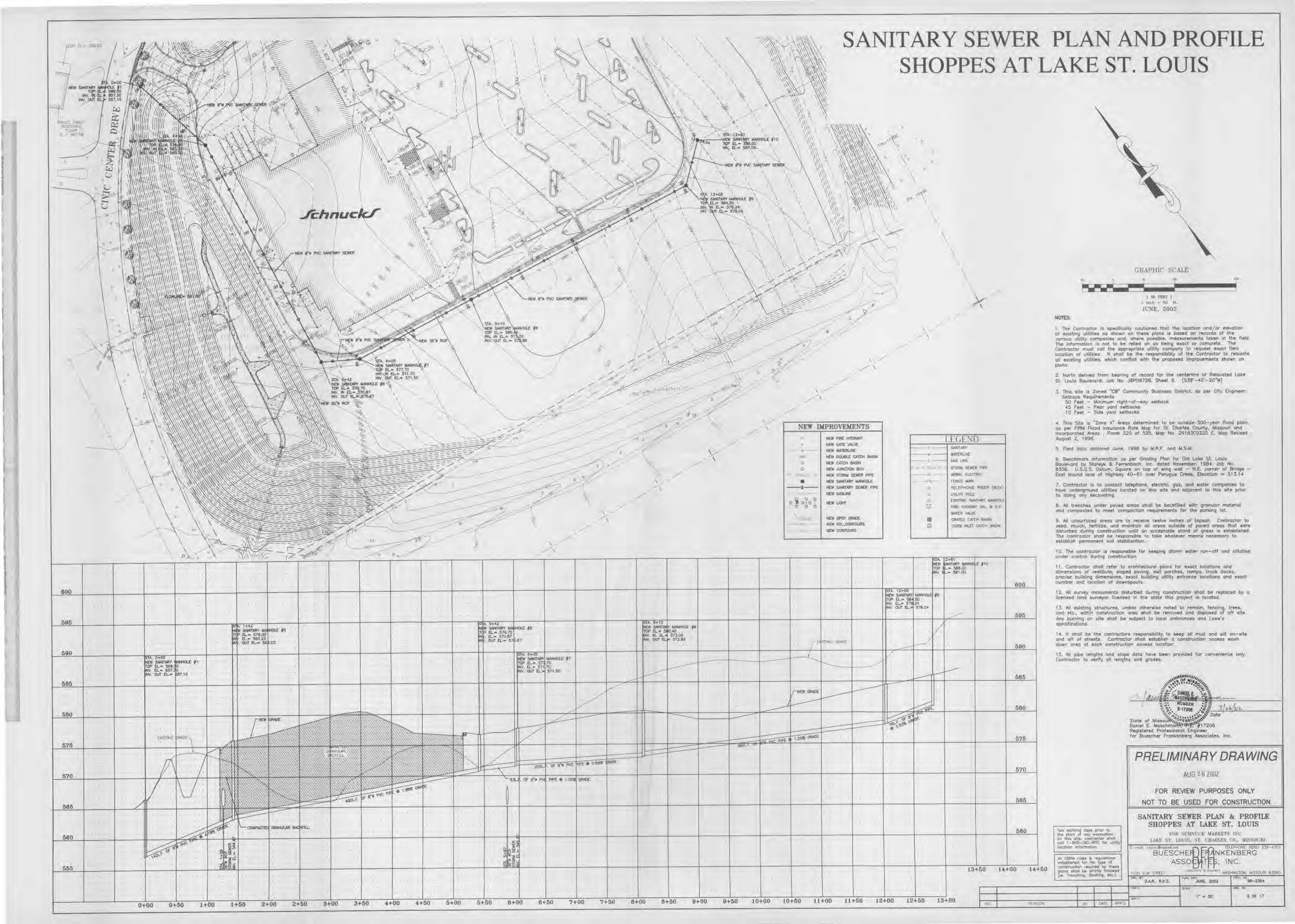
PROJ NO. 98-2394

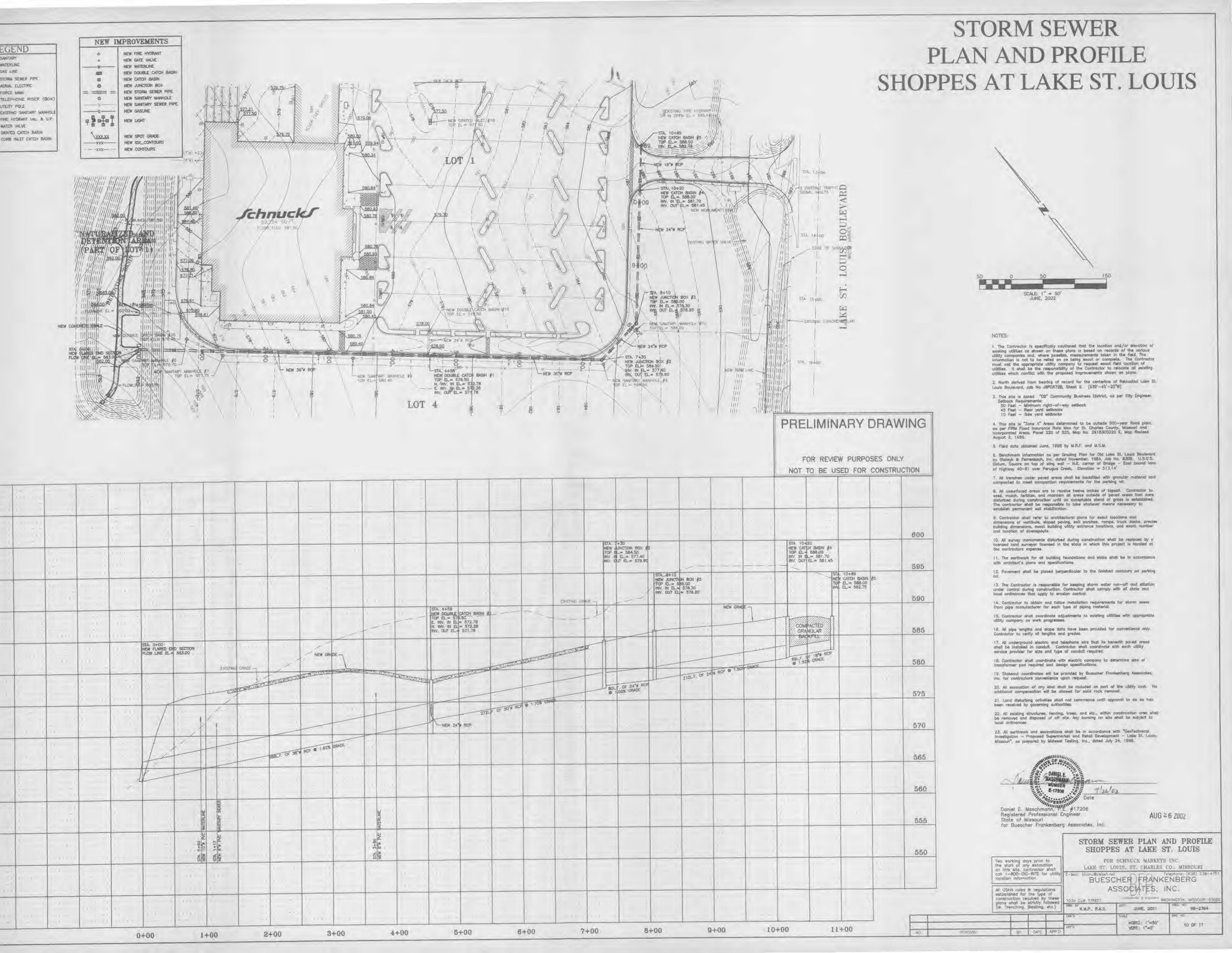
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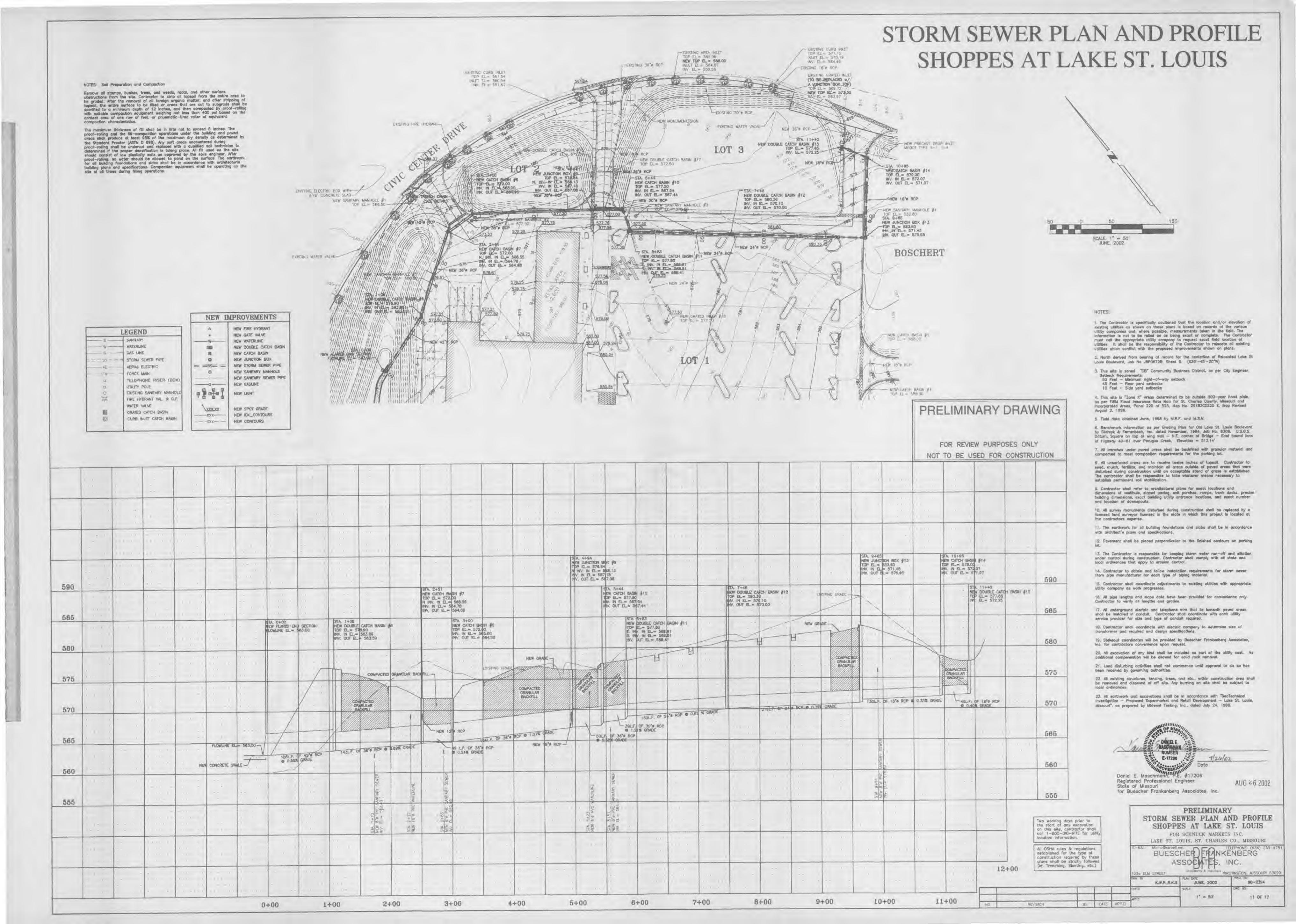
APP'S 1" = 50" R QF 17

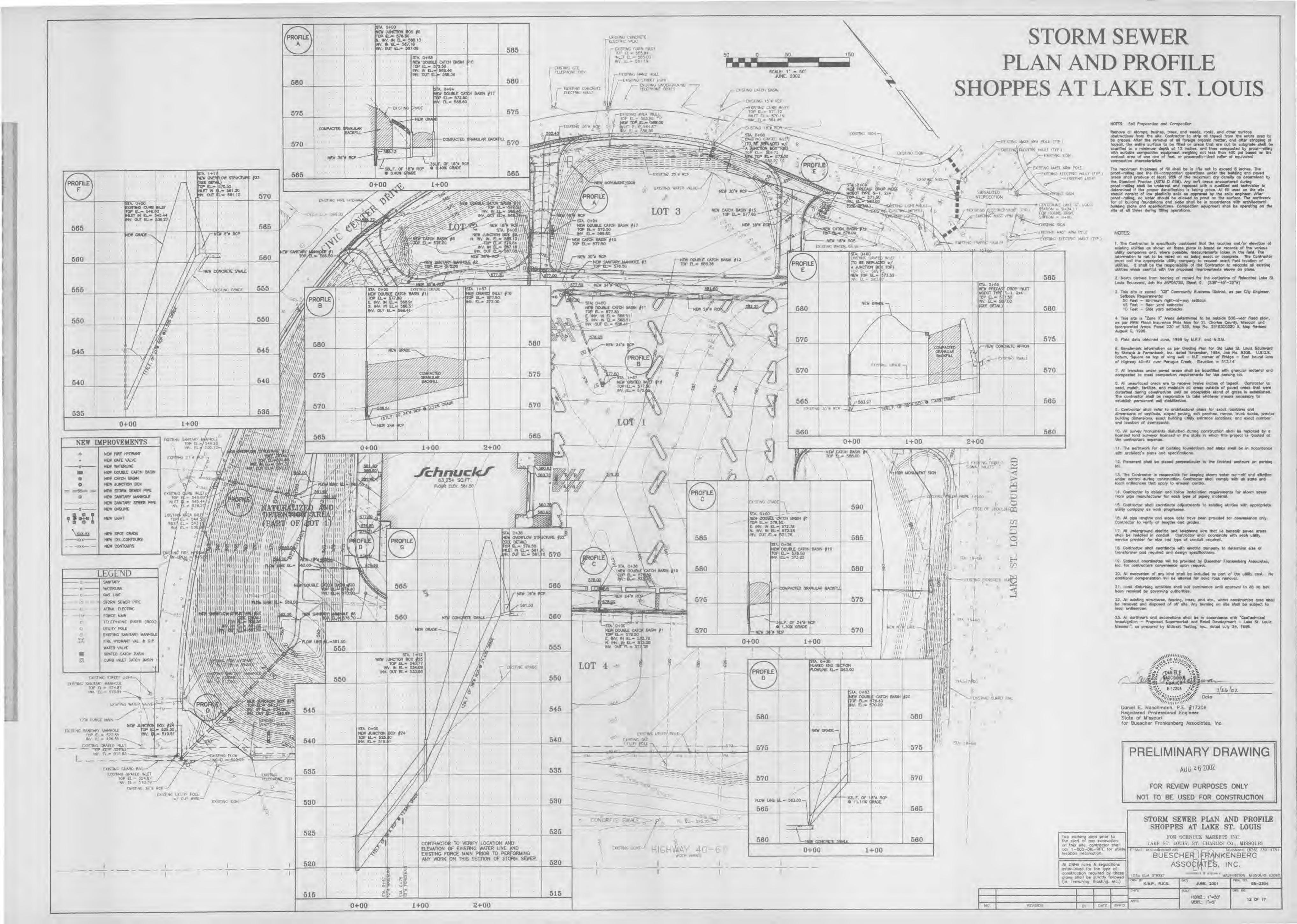
REVISION BY DATE APP'D

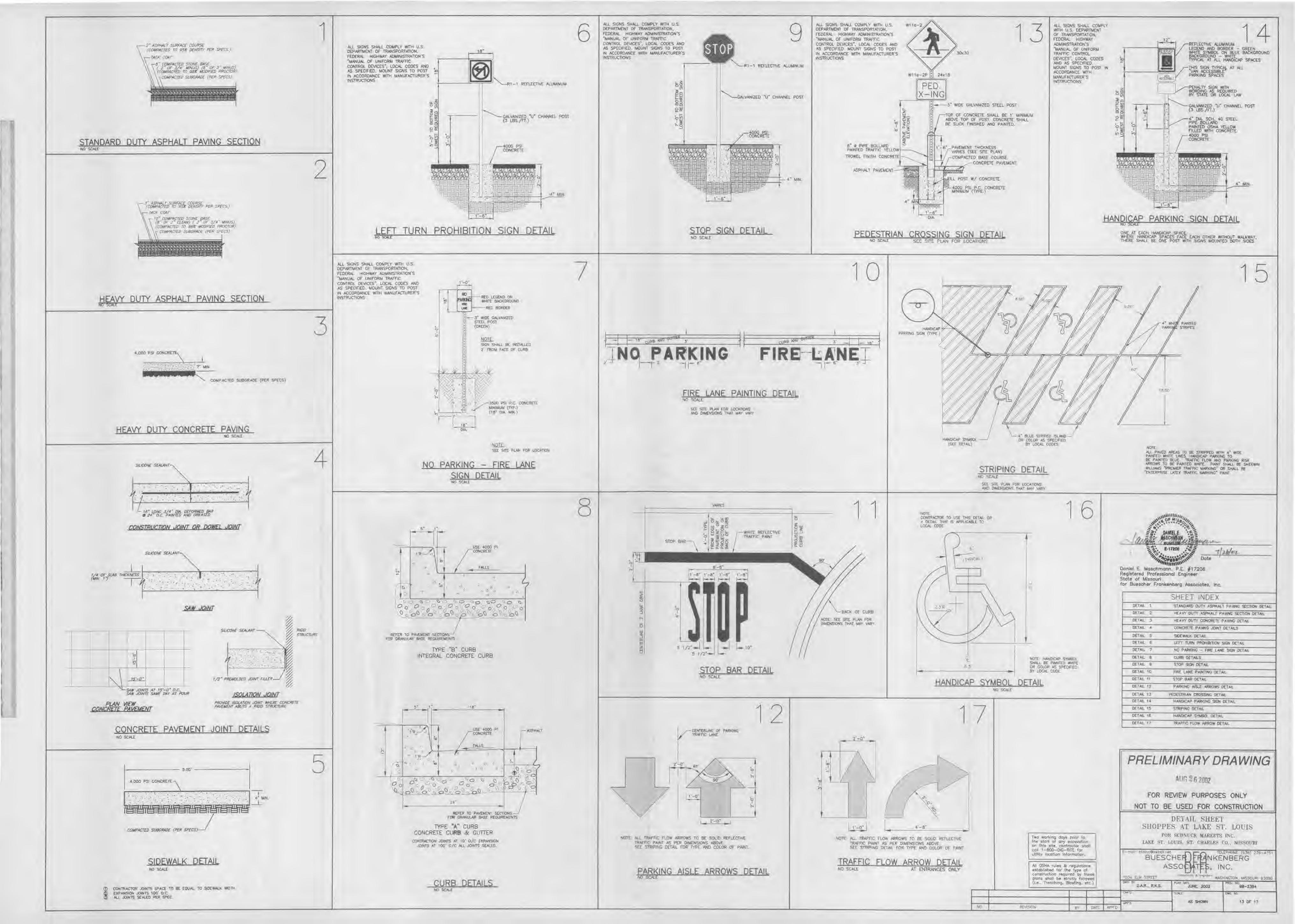
construction required by these plans shall be strictly followed (le. Trenching, Blasting, etc.)

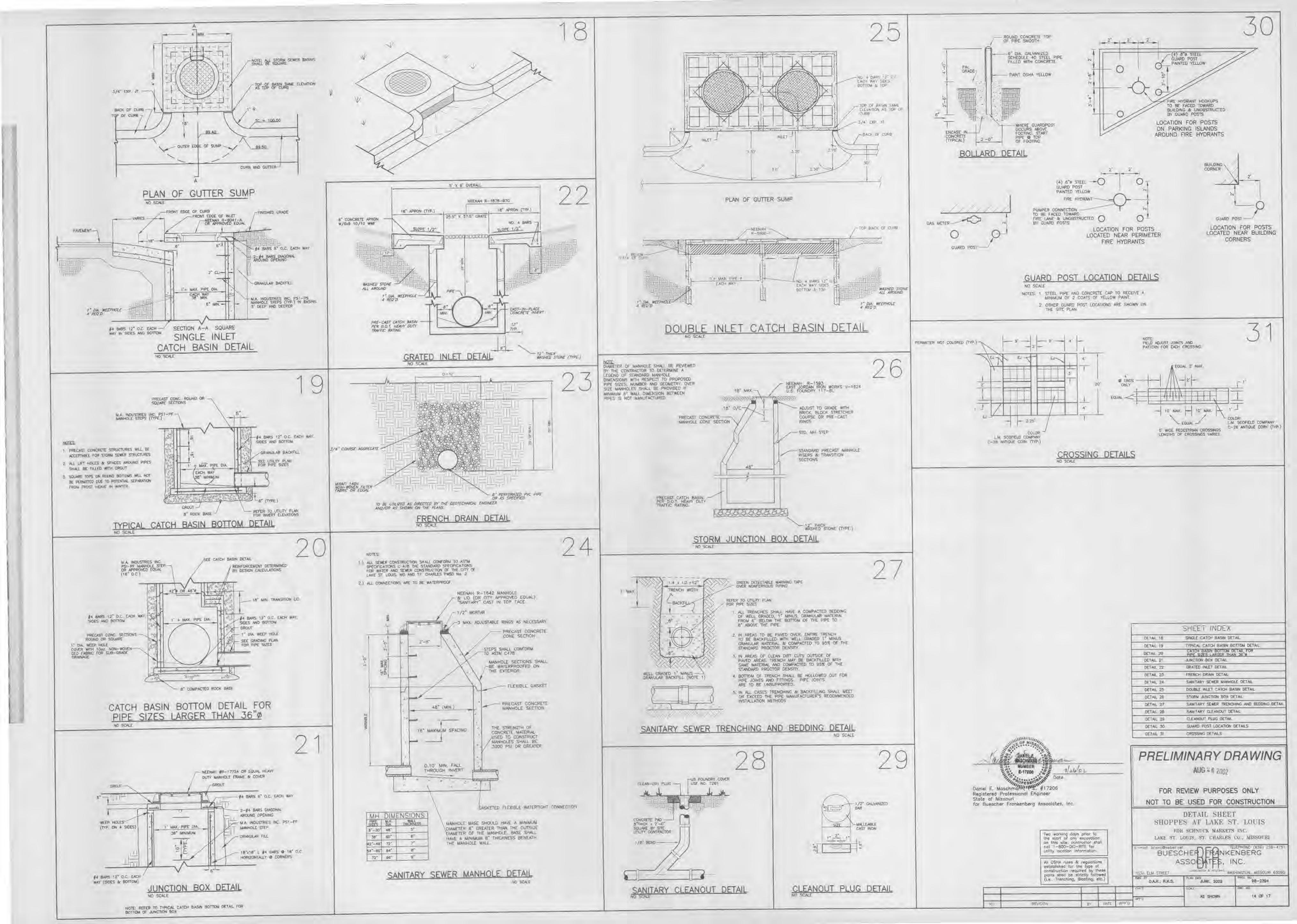


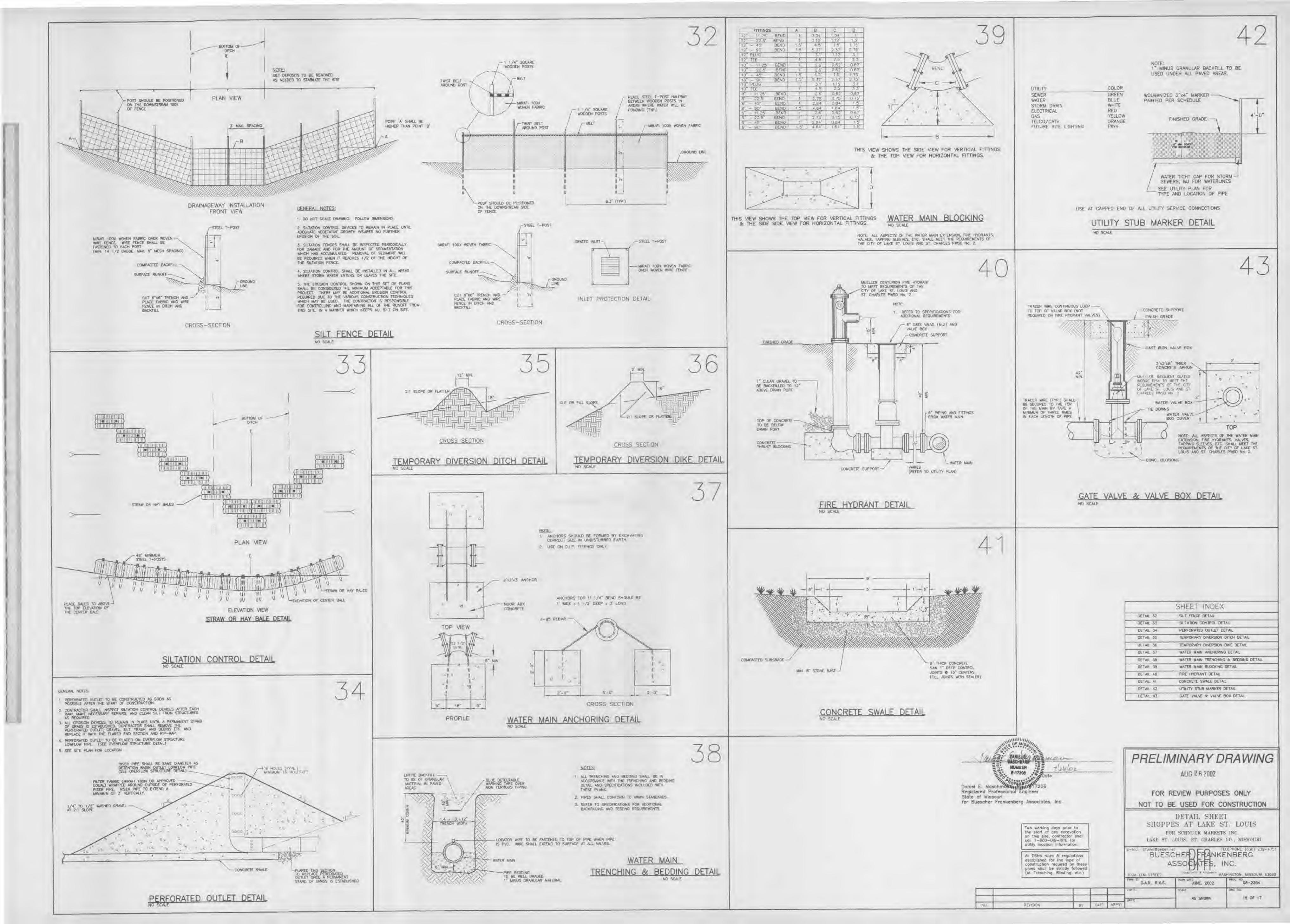


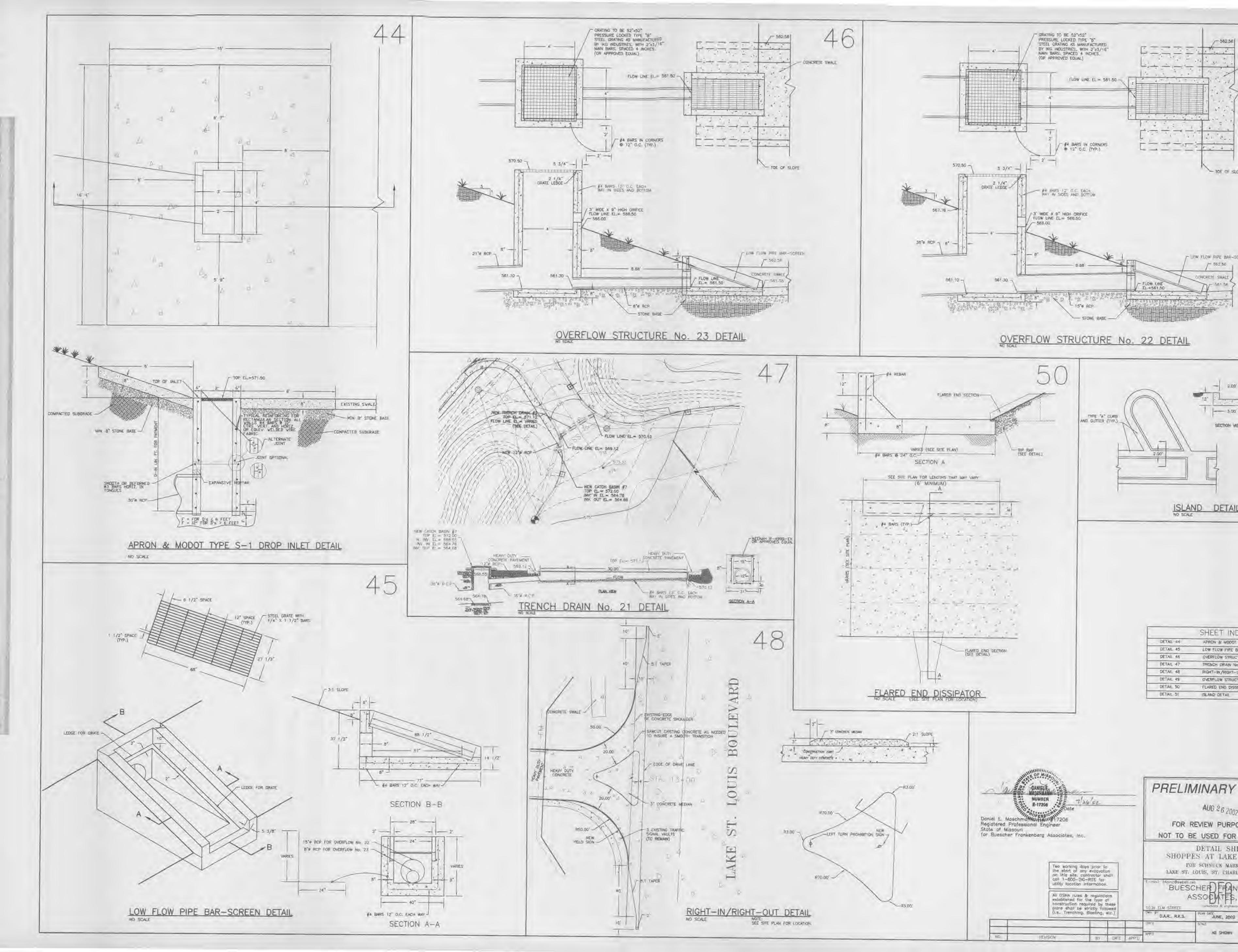


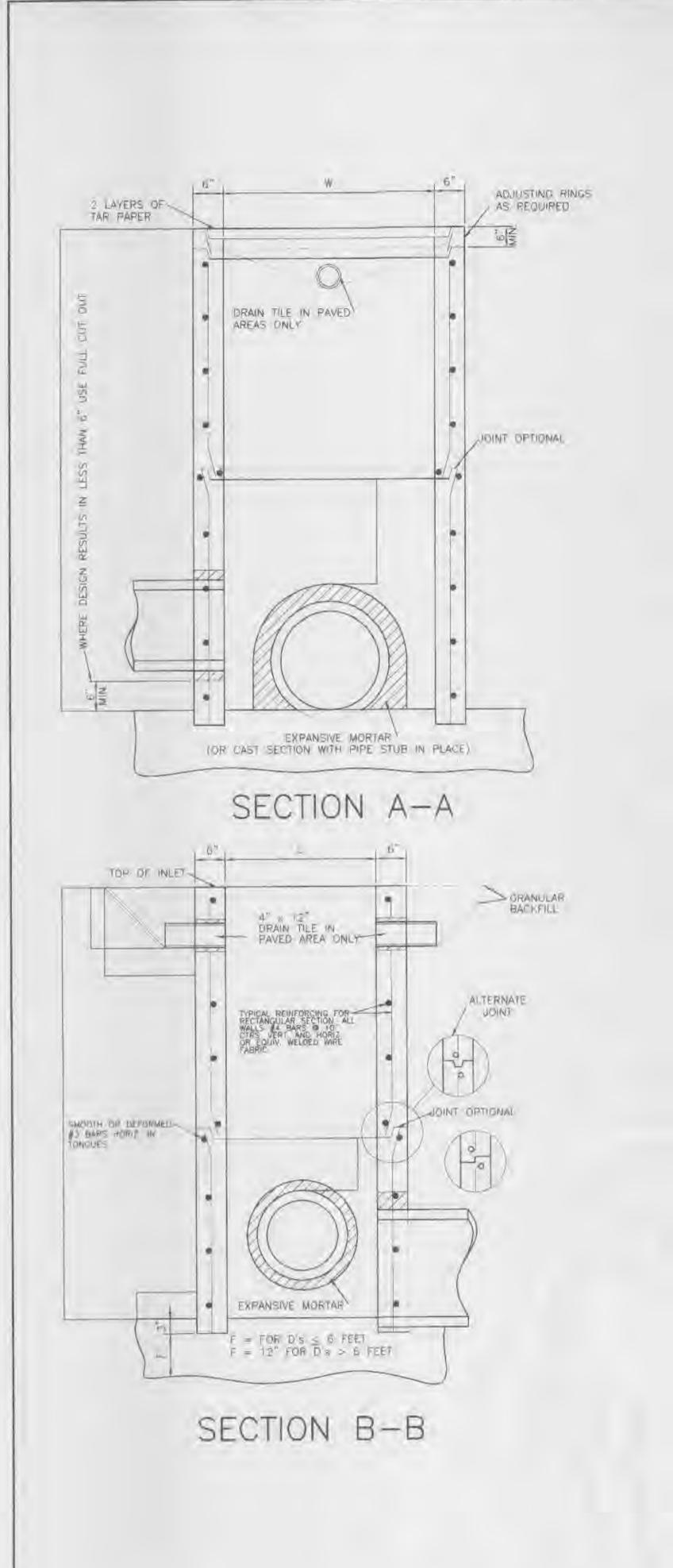


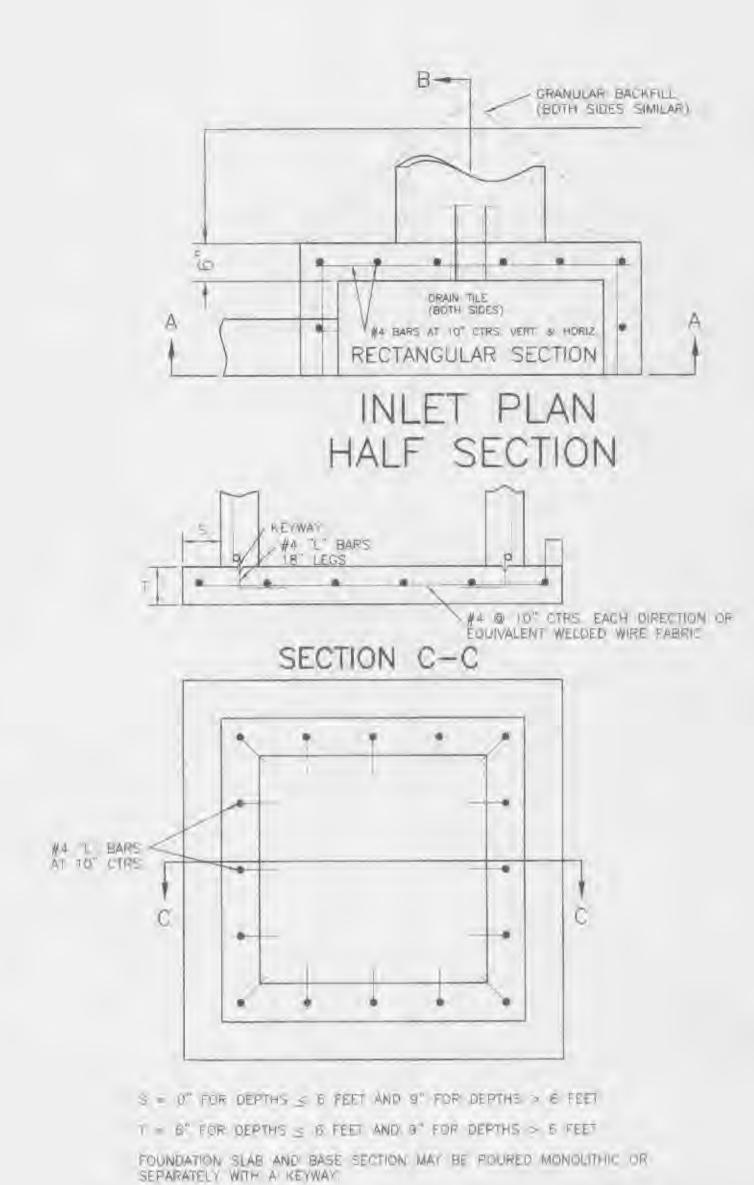


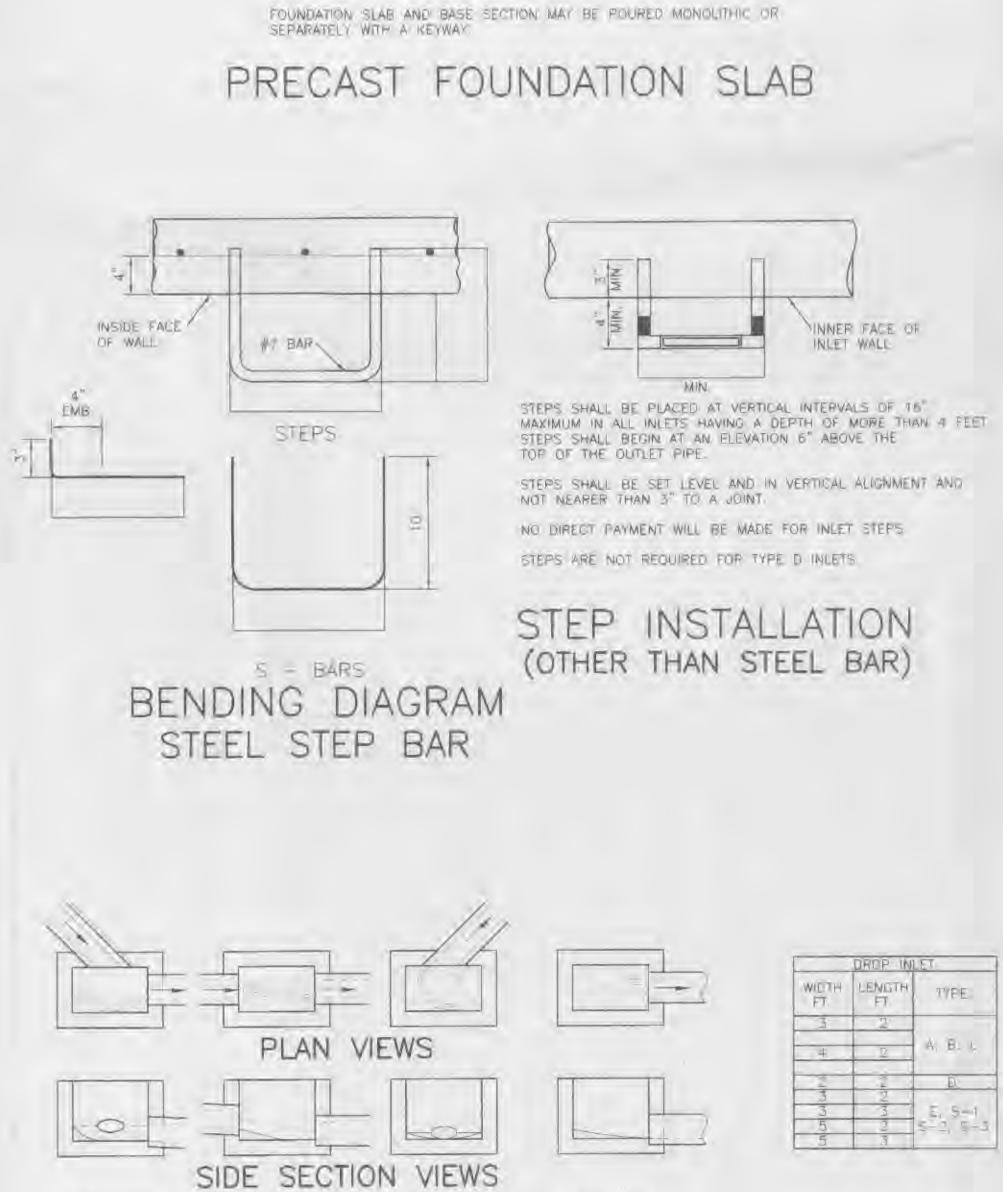






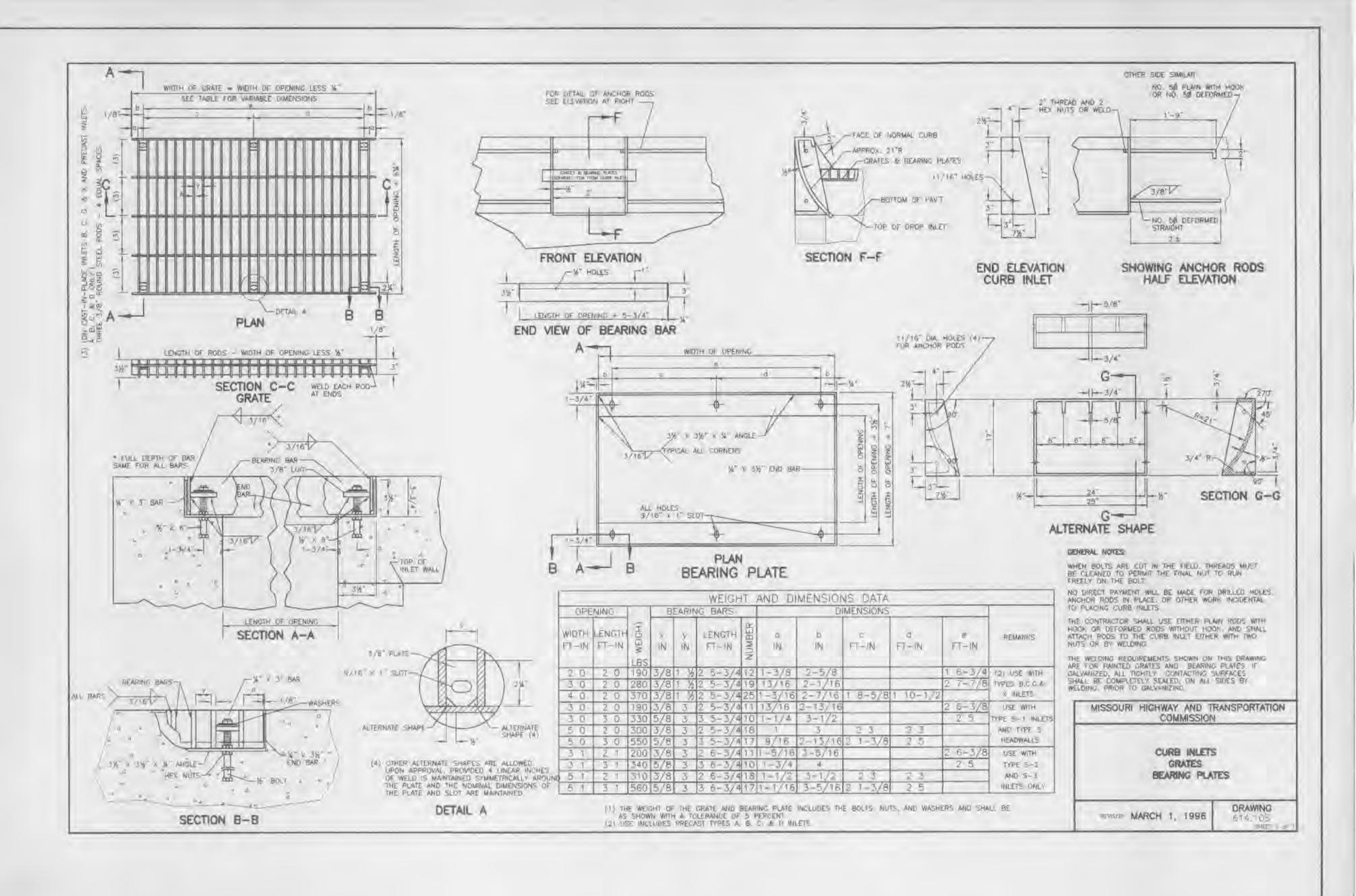


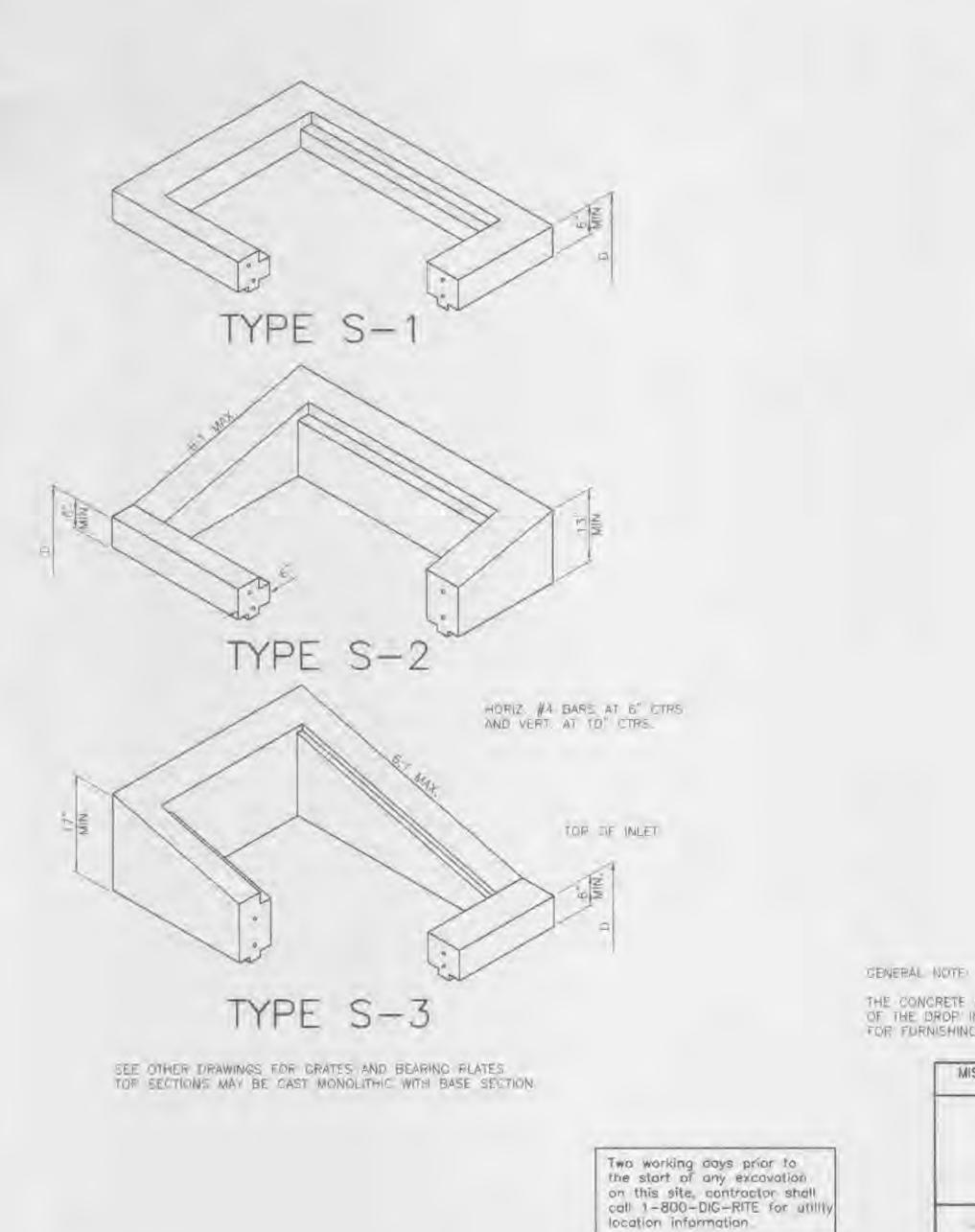




END SECTION VIEWS

TYPICAL INVERTS





All OSHA rules & regulations

(le. Trenching, Blasting, etc.)

established for the type of construction required by these

