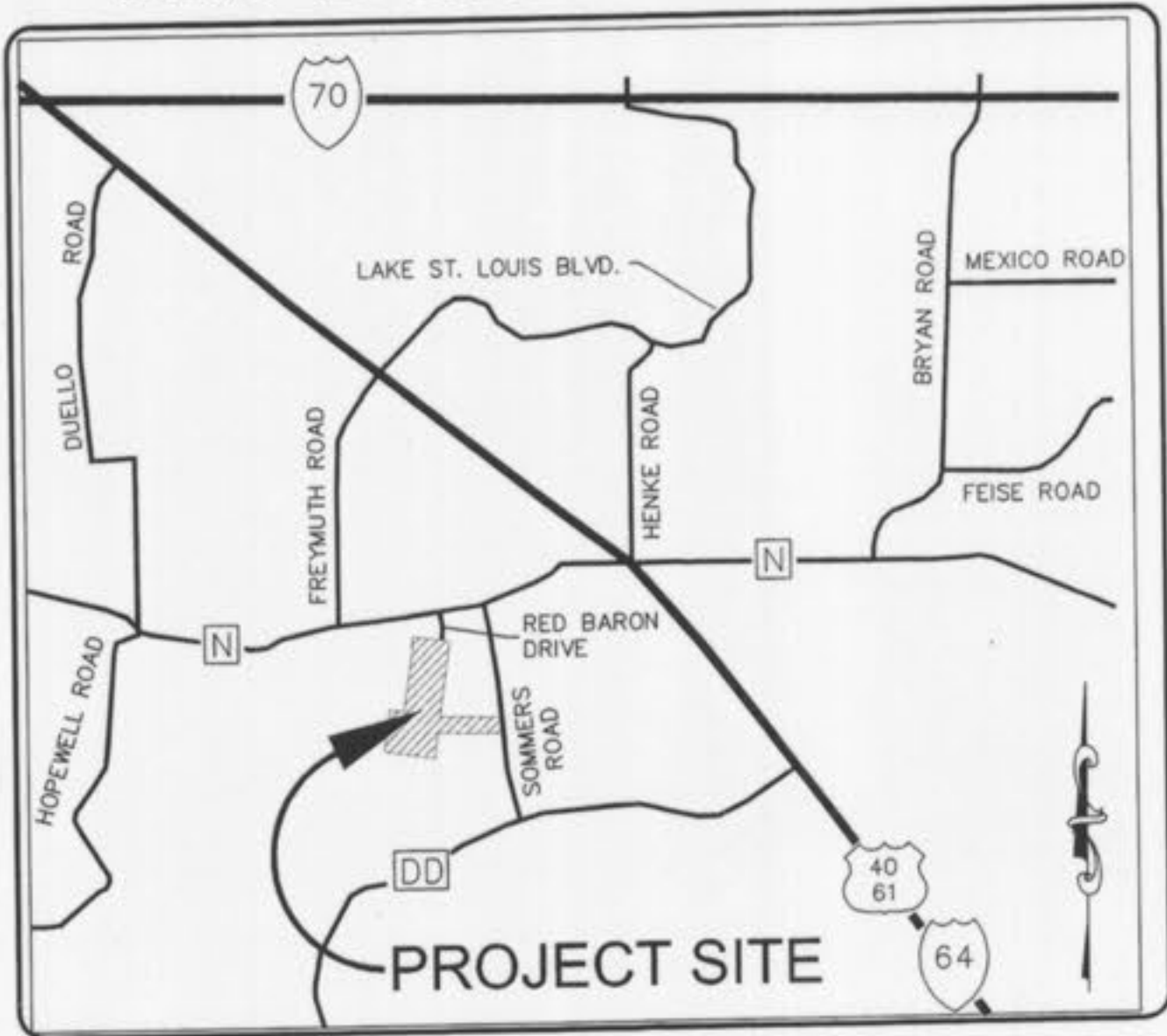


COUNTRYSHIRE

A Tract of Land Being a Part of U.S. Survey 931, and a Part of the South 1/2 of Fractional Section 10, Township 46 North, Range 2 East, St. Charles County, Missouri

IMPROVEMENT PLANS AS-BUILT PLANS



LOCATION MAP NOT TO SCALE

DEVELOPMENT NOTES:

- 1) GROSS AREA OF SITE: 114.52 ACRES
 - 2) EXISTING ZONING: "R-1 & R-3 P.U.D."
 - 3) CURRENT OWNER: CMB RHODES, L.L.C. P.O. Box 511038 St. Louis, MO 63151-1038
 - 4) BUILDING SETBACK REQUIREMENTS FOR SINGLE-FAMILY DETACHED LOTS:
FRONT YARD 20'
SIDE YARD 6' (0 FEET FOR ATTACHED UNITS)
REAR YARD 15'
 - 5) SEE TYPICAL LOT DETAILS FOR ATTACHED RESIDENTIAL SETBACK REQUIREMENTS.
 - 6) LOT DATA:
A) TOTAL UNITS PROPOSED: 592
B) SEE TYPICAL LOT DETAILS FOR AREA AND DIMENSION REQUIREMENTS.
C) 60' MIN. "A" LOTS ~ 125
50' MIN. "B" LOTS ~ 151
25' MIN. "D" DUPLEX ~ 114
24' MIN. "E" VILLAS ~ 85
20' MIN. "C" TOWN HOMES ~ 116
TOTAL = 592 LOTS/UNITS
 - 7) R-1 P.U.D.
A) SITE AREA: 66.72 AC.
B) R.O.W. AREA: 16.19 AC.
C) NET AREA: 70.53 ACRES
D) ALLOWABLE LOTS: $70.53 \text{ AC.} \times 43,560 \text{ SF./AC.} / 10,000 \text{ SF.} = 307 \text{ LOTS}$
 - 8) R-3 P.U.D.
A) SITE AREA: 27.80 ACRES
B) R.O.W. AREA: 7.23 AC.
C) NET AREA: 20.52 ACRES
D) ALLOWABLE UNITS: $20.52 \text{ AC.} \times 43,560 \text{ SF./AC.} / 2,500 \text{ SF.} = 357 \text{ UNITS}$
 - 9) COMBINED INFORMATION: ALLOWABLE UNITS IN P.U.D.: 307 + 357 = 664 UNITS
 - 10) PRIOR TO ISSUANCE OF BUILDING PERMITS FOR MORE THAN 30% OF THE TOTAL UNITS, BUILDING PERMITS FOR ALL RECREATIONAL FACILITIES SHALL BE PULLED AND PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR 40% OF THE TOTAL UNITS, ALL RECREATIONAL AMENITIES SHALL OPEN FOR USE OR ESCROW FUNDS FOR THE AMENITY PACKAGE MAY BE UTILIZED.
 - 11) NO PARKING WILL BE ALLOWED ALONG COLLECTOR ROAD AND CUL-DE-SACS STREETS.
 - 12) AVERAGE SINGLE FAMILY DETACHED LOT SIZE: 7,220 SQ.FT.
 - 13) 10 SMALLEST LOTS:
1 ~ LOT 239C = 2,200 SQ.FT.
2 ~ LOT 242C = 2,218 SQ.FT.
3 ~ LOT 245C = 2,220 SQ.FT.
4 ~ LOT 246C = 2,220 SQ.FT.
5 ~ LOT 255C = 2,220 SQ.FT.
6 ~ LOT 266C = 2,220 SQ.FT.
7 ~ LOT 269C = 2,220 SQ.FT.
8 ~ LOT 270C = 2,220 SQ.FT.
9 ~ LOT 273C = 2,220 SQ.FT.
10 ~ LOT 274C = 2,220 SQ.FT.
 - 14) ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT VIA COUNTRYSHIRE DRIVE ENTRANCE ON SOMMERS ROAD.
 - 15) DESIGN SPEED FOR THE COLLECTOR ROAD SHALL BE 35 MPH WITH A MAXIMUM SUPER ELEVATION OF .4%.
 - 16) LAKES WILL BE MAINTAINED TO A MINIMUM OF TEN (10') FEET DEEP UNTIL TURNED OVER TO THE HOMEOWNER'S ASSOCIATION. DETENTION WILL BE PROVIDED WITH PHASE ONE.
 - 17) APPROVAL OF THE RECREATIONAL AMENITIES ARE TO BE PART OF THESE IMPROVEMENT PLANS. THE RECREATIONAL AMENITIES OF BOTH COUNTRYSHIRE AND COUNTRYSHIRE ADDITION WILL BE MUTUALLY SHARED BETWEEN BOTH DEVELOPMENTS. THE PROPOSED RECREATIONAL AMENITY DETAILS ARE INCLUDED WITH THIS IMPROVEMENT PLAN THAT INDICATES THE SIZE AND LOCATION OF THE RECREATIONAL FEATURES TO BE INSTALLED.
 - 18) NO SLOPES SHALL EXCEED 3 (horizontal) to 1 (vertical), UNLESS JUSTIFIED BY GEOTECHNICAL REPORT WHICH HAS BEEN ACCEPTED AND APPROVED BY THE CITY OF OFALLON.
 - 19) NO CONSTRUCTION IN PHASE 3 SHALL BE STARTED UNTIL AFTER COMPLETION OF THE IMPROVEMENTS TO THE HWY. DD AND SOMMERS ROAD INTERSECTION AS RECOMMENDED BY M&OT AND THE APPROVED TRAFFIC STUDY.
 - 20) THIS AREA IS IN NEED OF AN EMERGENCY SIREN PER THE CITY'S EMERGENCY MANAGEMENT PLAN. IN CONJUNCTION WITH THE DEVELOPMENT OF THIS PROJECT, AN EMERGENCY SIREN SHALL BE PROVIDED AS REVIEWED AND APPROVED BY THE POLICE CHIEF.
 - 21) THE IMPROVEMENTS REQUIRED TO SOMMERS ROAD SHALL INCLUDE A SUFFICIENTLY SIZED LEFT TURN LANE AS RECOMMENDED BY THE CITY'S TRAFFIC CONSULTANT. NO MORE THAN 235 BUILDING PERMITS WILL BE ALLOWED PRIOR TO THE COMPLETION OF THESE IMPROVEMENTS AS RECOMMENDED IN THE APPROVED TRAFFIC STUDY. AT THE COMPLETION OF THE DEVELOPMENT, THE DEVELOPER SHALL CONTACT THE CITY OF LAKE ST. LOUIS TO DETERMINE IF A CONNECTION TO RED BARON IS FEASIBLE. IF SO, THE DEVELOPER SHALL BE RESPONSIBLE FOR MAKING THE CONNECTION.
 - 22) ALL STREETS SHALL COMPLY WITH MINIMUM CITY REQUIREMENTS.
 - 23) PAUL RENAUD BOULEVARD WILL HAVE A 35 MPH DESIGN SPEED AND A POSTED SPEED OF 30 MPH AND PARKING WILL BE PROHIBITED ON BOTH SIDES.
 - 24) NO ON-STREET PARKING WILL BE ALLOWED ON THE CUL-DE-SACS.
 - 25) ALL COMMON GROUND AREAS SHALL BE COMMON GROUND AND UTILITY EASEMENTS.
 - 26) THE DEVELOPER SHALL CONTRIBUTE MONEY EQUAL TO THE COST OF IMPROVING THE WEST HALF OF THE SITE'S SOMMERS ROAD FRONTAGE TO HALF OF A 30 FOOT WIDE PAVEMENT SECTION WITH AN OFF-STREET BIKE PATH.
 - 27) THE DEVELOPER SHALL CONTRIBUTE MONEY EQUAL TO THE COST OF ADDING A RIGHT TURN LANE ON WESTBOUND HIGHWAY DD AT THE SOMMERS ROAD INTERSECTION, THE EXTENT OF WHICH WILL NEED TO BE DETERMINED BY M&OT.
 - 28) THE PETITIONER SHALL INCORPORATE ALL TRANSPORTATION IMPROVEMENTS RECOMMENDED BY M&OT, ST. CHARLES COUNTY HIGHWAY DEPARTMENT AND THE CITY'S TRAFFIC CONSULTANT.
 - 29) ALL EXISTING STRUCTURES TO BE REMOVED UNLESS OTHERWISE NOTED.
- THIS SITE IS IN THE FOLLOWING UTILITY SERVICE AREAS:
PUBLIC WATER SUPPLY DISTRICT NO.2
A&T BROADBAND
CUIVRE RIVER ELECTRIC COMPANY
LACLEDE GAS COMPANY
CENTURYTEL
DUCKETT CREEK SEWER DISTRICT
- NOTE: ALL UTILITIES SHALL BE LOCATED UNDERGROUND

TREE ORDINANCE

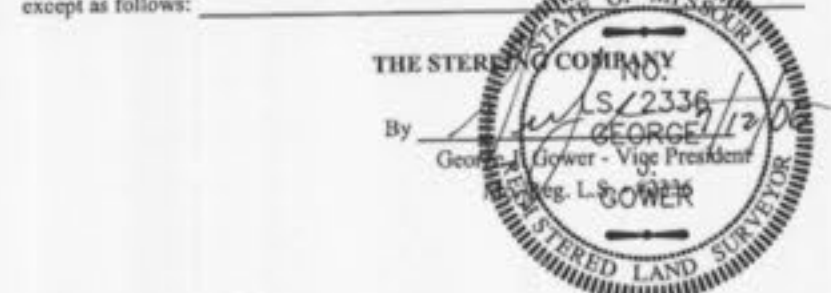
Existing trees = 10.94 acres
Trees removed = 9.78 acres
Trees required = 15 trees per acre
15 trees X 9.78 acres = 147 trees required
Trees proposed = 147 trees
147 trees proposed = 147 trees required
Complied with Ordinance

Detailed Landscape Plan submitted as separate sheet.

STREET TREES
1 tree shall be provided at a rate of one (1) per lot and Two (2) per corner lot.

As of _____, I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured. The results of these measurements are shown on this set of Final Measurement Plans. Since the v-pix locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing _____ easements except as follows:



EXISTING	LEGEND	PROPOSED
542	CONTOURS	(542)
536	SPOT ELEVATIONS	(536)
	CENTER LINE	
	BUILDINGS, ETC.	
	TREE LINE	
	FENCE	
	STORM SEWERS	
	SANITARY SEWERS	
	CATCH BASIN	
	AREA INLET	
	GRATED INLET	
	STORM MANHOLE	
	SANITARY MANHOLE	
	FLARED END SECTION	
	CLEANOUT	
	LATERAL CONNECTION	
	UTILITY OR POWER POLE	
	FIRE HYDRANT	
	TEST HOLE	
	PAVEMENT	
2"	GAS MAIN & SIZE	(2")
6"W	WATER MAIN & SIZE	(6"W)
T	TELEPHONE	(T)
E	ELECTRIC (U) UNDERGROUND	(E)
OWW	ELECTRIC (O) OVERHEAD	(OWW)
€	FLOW LINE	€
	TO BE REMOVED	TBR
TC	TOP OF CURB	(TC)
	SWALE	
X	LIGHT STANDARD	X
T	STREET SIGN	T
P.S.	PARKING STALLS	P.S.
€	YARD LIGHT	€

INDEX OF SHEETS	
1.1-1.2	COVER SHEET
2.1-2.5	GRADING PLANS
3.1-3.5	SITE PLANS
4.1-4.11	STREET PROFILES
5.1-5.8	SANITARY SEWER PROFILES
5.9	SANITARY ZONE OF INFLUENCE
6.1-6.6	STORM SEWER PROFILES
6.7-6.8	STORM ZONE OF INFLUENCE
7.1-7.5	DRAINAGE AREA MAPS
8.1	HYDRAULIC CALCULATIONS
9.1	LATERAL INFORMATION
10.1-10.3	OUTFALL STRUCTURE DETAILS
11.1-11.2	DETENTION BASIN SECTIONS
12.1	OFFSITE ROAD IMPROVEMENTS
13.1-13.3	WARPING DETAILS
14.1-14.2	TRAFFIC CONTROL PLAN
15.1-15.5	WATER DISTRIBUTION PLANS
16.1-16.5	LANDSCAPE PLANS
17.1-17.5	IMPROVEMENT SWPPP
R1	RECREATION AREA & DETAILS
SC1	SILTATION CONTROL DETAILS
WD1	WATER DETAILS
CD1-CD2	ST. CHARLES COUNTY DETAILS
CD3	PAVEMENT DETAILS
CD4-CD7	MSD CONSTRUCTION DETAILS
CD8-CD11	DCSD CONSTRUCTION DETAILS

SURVEYORS CERTIFICATION
This is to certify that we have, during the month of April 2003, at the request of CMB RHODES, L.L.C., prepared a Revised Area Plan of "Countryshire" A tract of land being a part of U.S. Survey 931 and a part of the south 1/2 of the Fractional Section 10, Township 46 North, Range 2 East, St. Charles County, Missouri. This plan is not a survey and does not meet the Missouri Minimum Standards for Property Boundary Surveys (10 CSR 30-2 and 4 CSR 30-16 effective date December 30, 1994).

George J. Gower - Vice President
MO. Reg. L.S. - #2336

THE STERLING COMPANY

- ### GENERAL NOTES:
1. AS DETERMINED BY GRAPHIC PLOTTING ONLY, THE SURVEYED TRACT IS LOCATED IN ZONE "X", NOTED AS "OTHER AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN" AS DEPICTED ON FLOOD INSURANCE MAP NO. 29183C0220 F, EFFECTIVE DATE MARCH 17, 2003.
 2. ALL UTILITIES SHALL BE INSTALLED UNDERGROUND AND WILL BE COVERED BY EASEMENTS ON RECORD PLAT.
 3. ALL COMMON GROUND AREAS, INCLUDING THE ISLANDS WITHIN THE STREETS SHALL BE MAINTAINED BY THE SUBDIVISION ASSOCIATION.
 4. SOIL EROSION CONTROL TO BE IN COMPLIANCE WITH CITY OF OFALLON CODE GRADING REGULATIONS.
 5. SILTATION CONTROL SHALL BE INSTALLED AND PLACED PER ST. CHARLES COUNTY SOIL AND WATER CONSERVATION DISTRICT EROSION AND SEDIMENT CONTROL GUIDELINES.
 6. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE SOIL COMPACTION TESTS TO THE CITY'S ENGINEERING DEPARTMENT AS REQUIRED.
 7. UNDERGROUND FACILITIES AND UTILITIES HAVE BEEN SHOWN BASED ON RECORD DRAWINGS AND VISIBLE EVIDENCE FOUND. NO WARRANTY IS MADE REGARDING THE COMPLETENESS OR ACCURACY OF SUCH INFORMATION. DETERMINE THE EXACT LOCATION OF UNDERGROUND FACILITIES AND UTILITIES, AND PRESERVE SAME FROM DAMAGE. CONTRACTORS SHALL COMPLY WITH UTILITY LOCATION LAWS. CALL MISSOURI ONE AT (1-800-DIG-RITE) FOR UTILITY LOCATIONS, AND PROVIDE THREE DATES NOTICE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES ASSOCIATED WITH CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND FACILITIES AND UTILITIES.
 8. A 10' WIDE PUBLIC UTILITY EASEMENT SHALL BE PROVIDED BEHIND ALL PUBLIC RIGHT-OF-WAYS. EASEMENTS SHALL ALSO BE PROVIDED FOR STORM SEWERS TO BE MAINTAINED BY THE CITY OF OFALLON.
 9. STORM WATER DETENTION TO BE PROVIDED WITH THE INITIAL PHASE OF THE DEVELOPMENT.
 10. DEVELOPMENT TO BE CONSTRUCTED IN THREE PHASES. (AS SHOWN ON SHEET 1.2)
 11. PROPOSED PLAN WILL MEET ALL TREE PRESERVATION ORDINANCE REQUIREMENTS.
 12. ALL LANDSCAPING AND SCREENING WILL BE IN ACCORDANCE WITH ARTICLE X OF THE ZONING CODE.
 13. PRIOR TO ISSUANCE OF BUILDING PERMITS FOR MORE THAN THIRTY PERCENT (30%) OF THE TOTAL UNITS, BUILDING PERMITS FOR ALL OF THE RECREATIONAL AMENITIES SHALL BE PULLED. PRIOR TO ISSUANCE OF MORE THAN FORTY PERCENT (40%) OF THE TOTAL UNITS, ALL RECREATIONAL AMENITIES SHALL BE OPEN FOR USE.
 14. THIS DEVELOPMENT SHALL COMPLY WITH ARTICLE XII OF THE ZONING CODE.
 15. A 20' EASEMENT SHALL BE PROVIDED AROUND THE 25 YEAR HIGHWATER IN ALL DETENTION BASINS. NO 100 YEAR HIGHWATER ELEVATION SHALL ENCRUSH ANY LOT.
 16. AN UNDISTURBED DRAINAGE EASEMENT SHALL BE PROVIDED FOR ALL NATURAL UNDISTURBED STREAM PRESERVATION AREAS ON THE RECORD PLAT.
 17. THE PETITIONER IS AWARE IN AGREEMENT THAT THE CITY WILL NOT WAIVE OR ASSUME THE COST FOR ANY WATER OR SEWER CONNECTION FEES (TAP FEES) IN CONJUNCTION WITH THIS PROPOSED DEVELOPMENT.
 18. A SIGN SHALL BE PROVIDED AT THE TERMINUS OF ALL STREET STUBS WHICH READS: "STREET EXTENSION FOR FUTURE DEVELOPMENT."
 19. DRIVEWAY LOCATIONS SHALL NOT INTERFERE WITH THE SIDEWALK ACCESSIBLE RAMPS.
 20. ALL PROPOSED PAVILIONS OR PLAYGROUND AREAS WILL NEED A SEPARATE PERMIT FROM THE BUILDING DIVISION.
 21. CITY APPROVAL OF THE CONSTRUCTION SITE PLANS DOES NOT MEAN THAT SINGLE FAMILY AND MULTI FAMILY DWELLING UNITS CAN BE CONSTRUCTED ON THE LOTS WITHOUT MEETING THE BUILDING SETBACKS, AS REQUIRED BY THE ZONING CODE.
 22. ALL PROPOSED FENCING REQUIRES A SEPARATE PERMIT THROUGH THE PLANNING DEPARTMENT.
 23. A 5/8" TRASH BAR SHALL BE PROVIDED IN ALL INLETS.
 24. HANDICAP RAMPS SHALL BE PROVIDED WHERE THE SIDEWALKS TERMINATE AT ALL INTERSECTIONS, CURB-CUTS AND CUL-DE-SACS. CROSSWALKS WILL BE STRIPED ACROSS ALL INTERSECTIONS AND CURB-CUTS TO CONNECT THE SIDEWALK AND HANDICAP RAMPS.
 25. ALL COMMON GROUND AREAS SHALL BE COVERED BY AN EASEMENT TO THE CITY OF OFALLON.
 26. ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD WATER DISTRIBUTION SYSTEM SPECIFICATIONS OF PUBLIC WATER SUPPLY DISTRICT NO. 2 OF ST. CHARLES COUNTY, AS APPROVED BY THE MISSOURI DEPARTMENT OF NATURAL RESOURCES REVIEW NO. 61996-04.
 27. WATER SUPPLY TO INDIVIDUAL UNITS MUST MEET CURRENT I.B.C. WATER DISTRIBUTION CODE AS ADOPTED BY THE CITY OF OFALLON.
 28. ALL GRADING SHALL BE WITHIN 12" OF FINISHED GRADE BEFORE ANY WATER MAIN CONSTRUCTION SHALL BEGIN.
 29. THE CUTOFF PIPE OF ALL WET BASINS SHALL BE BACKFILLED WITH BENTONITE PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATION.
 30. ALL AREA INLETS ARE TO BE OPEN ON ALL FOUR SIDES UNLESS NOTED OTHERWISE.
 31. DRIVEWAY LOCATIONS SHOWN ON PLANS ARE TO BE CONSIDERED APPROXIMATE ONLY. FINAL DRIVEWAY LOCATION SHALL BE AS APPROVED ON INDIVIDUAL PLOT PLANS.

DUCKETT CREEK SANITARY DISTRICT CONSTRUCTION NOTES

1. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATION SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF IMPROVEMENTS.
 2. GAS, WATER, AND OTHER UNDERGROUND UTILITIES SHALL NOT CONFLICT WITH THE DEPTH OR HORIZONTAL LOCATION OF EXISTING OR PROPOSED SANITARY AND STORM SEWERS, INCLUDING HOUSE LATERALS.
 3. ALL EXISTING SITE IMPROVEMENTS SHOWN TO REMAIN, THAT ARE DISTURBED, DAMAGED, OR DESTROYED SHALL BE REPAIRED OR REPLACED TO CLOSELY MATCH PRE CONSTRUCTION CONDITIONS.
 4. ALL FILL INCLUDING PLACES UNDER PROPOSED STORM AND SANITARY SEWER LINES, AND PAVED AREAS INCLUDE TRENCH BACKFILLS WITHIN AND OFF THE ROAD RIGHT-OF-WAY SHALL BE COMPACTED TO 90 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED AASHTO COMPACTION TEST, ASTM D1557. ALL TESTS SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS. THE COMPACTED FILL SHALL BE FREE OF RUTTING AND SHALL BE NON-YIELDING AND NON-PUMPING DURING PROOF ROLLING AND COMPACTION.
 5. THE CONTRACTOR SHALL PREVENT ALL STORM SURFACE WATER, MUD, AND CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER SYSTEM.
 6. ALL SANITARY SEWER FLOW LINES AND TIPS BUILT WITHOUT ELEVATIONS FURNISHED BY THE ENGINEER WILL BE THE RESPONSIBILITY OF THE SEWER CONTRACTOR.
 7. EASEMENTS SHALL BE PROVIDED FOR ALL SANITARY SEWERS, STORM SEWERS, AND ALL UTILITIES ON THE RECORD PLAT.
 8. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE CURRENT CONSTRUCTION STANDARDS OF DUCKETT CREEK SANITARY DISTRICT.
 9. THE DUCKETT CREEK SANITARY DISTRICT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO CONSTRUCTION FOR COORDINATION AND INSPECTION.
 10. ALL SANITARY SEWER BUILDING CONNECTIONS SHALL BE DESIGNED SO THAT THE MINIMUM VERTICAL DISTANCE FROM THE LOW POINT OF THE BASEMENT TO FLOW LINE OF THE SANITARY SEWER AT THE CORRESPONDING BUILDING CONNECTION SHALL NOT BE LESS THAN THE DIAMETER OF THE PIPE PLUS THE VERTICAL DISTANCE OF 2-1/2 FEET.
 11. ALL SANITARY SEWER MANHOLES SHALL BE WATERPROOFED ON THE EXTERIOR IN ACCORDANCE WITH MISSOURI DEPT. OF NATURAL RESOURCES SPECIFICATION 10 CSR-8.120(7)(E).
 12. ALL PVC SANITARY SEWER PIPE IS TO BE SDR-35 OR EQUAL WITH "CLEAN" 1/2 INCH TO 1 INCH GRANULAR STONE BEDDING UNIFORMLY GRADED. THIS BEDDING SHALL EXTEND FROM 4 INCHES BELOW THE PIPE TO SPRINGLINE OF PIPE. IMMEDIATE BACKFILL OVER PIPE SHALL CONSIST OF SAME SIZE "CLEAN" OR "MINUS" STONE FROM SPRINGLINE OF PIPE TO 6 INCHES ABOVE THE TOP OF PIPE.
 13. ALL SANITARY AND STORM SEWER TRENCH BACKFILLS SHALL BE WATER JETTED. GRANULAR BACKFILL WILL BE USED UNDER PAVEMENT AREAS.
 14. ALL PIPES SHALL HAVE POSITIVE DRAINAGE THROUGH MANHOLES. NO FLAT INVERT STRUCTURES ARE ALLOWED.
 15. ALL CREEK CROSSINGS SHALL BE LINED WITH RIP-RAP AS DIRECTED BY DISTRICT INSPECTORS.
 16. BRICK SHALL NOT BE USED ON SANITARY SEWER MANHOLES.
 17. EXISTING SANITARY SEWER SERVICE SHALL NOT BE INTERRUPTED.
 18. MAINTAIN ACCESS TO EXISTING RESIDENTIAL DRIVEWAYS AND STREETS.
 19. PRE-MANUFACTURED ADAPTERS SHALL BE USED AT ALL PWD TO DIP CONNECTIONS. RUBBER BOOT/AISSON TYPE COUPLING WILL NOT BE ALLOWED.
 20. ANY PERMITS, LICENSES, EASEMENTS, OR APPROVALS REQUIRED TO WORK ON PUBLIC PROPERTIES OR ROADWAYS ARE THE RESPONSIBILITY OF THE DEVELOPER.
 21. "TYPE H" LOCK-TYPE COVER AND LOCKING DEVICE (LOCK-LUGS) SHALL BE USED WHERE LOCK-TYPE COVERS ARE REQUIRED.
 22. THE ADDITIONAL SANITARY FLOW FROM THIS DEVELOPMENT IS ESTIMATED AT 222,000 GALLONS PER DAY.
- NOTE:**
★ - DENOTES LOTS SUBJECT TO STREET CREEP
- SOIL TESTING:**
SOILS TESTING SHALL BE PERFORMED ON STREET SUBGRADE AREAS TO VERIFY COMPLIANCE WITH CITY OF OFALLON REQUIREMENTS. IF SOIL TESTS INDICATE EXISTING SUBGRADE IS INADEQUATE APPROPRIATE MEASURES WILL BE TAKEN, AS APPROVED BY THE CITY OF OFALLON.
- FLOOD NOTE:**
FLOOD PLAIN DOES NOT EXIST ON THIS SITE PER F.J.R.M. MAP NO. 29183C0220 E DATED AUGUST 2, 1996.
- PROJECT BENCHMARK**
"50' CUT WEST END OF SOUTHERN HEADWALL LOCATED AT THE SOUTHWEST INTERSECTION OF SOMMERS ROAD AND STATE HIGHWAY "N"; 36.5' EAST OF SOMMERS ROAD AND 14' SOUTH OF CENTERLINE OF STATE HIGHWAY "N".
ELEVATION = 607.22

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo.

NO.	12	311
P.H.		
M.S.D.		
SHEET		
OF		

PREPARED FOR:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
8055 NEW BALMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314)-487-0440 FAX 487-9944
E-Mail: Sterling@sterling-eng-sur.com

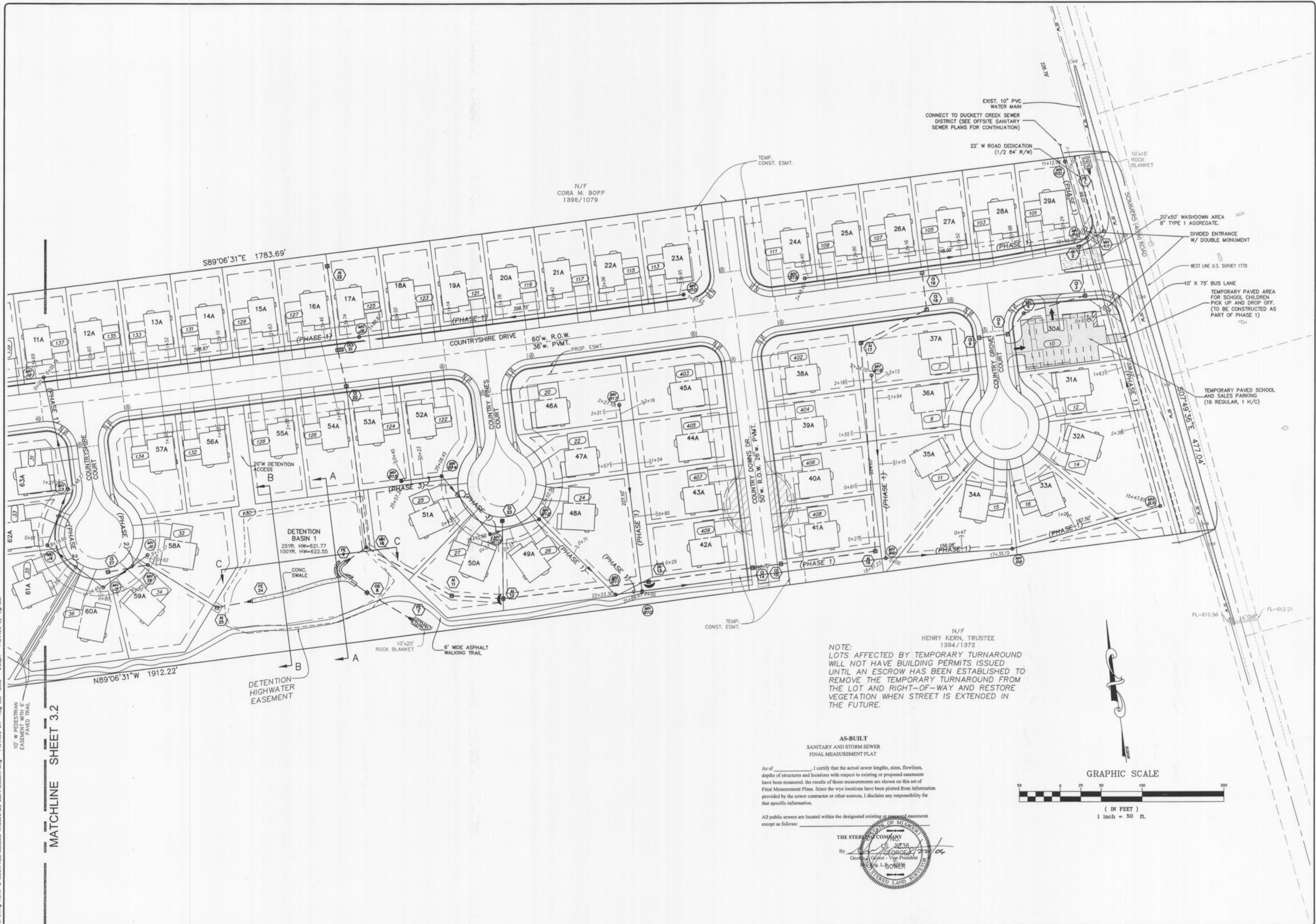
DRAWN:	DESIGNED:	CHECKED:

COUNTRYSHIRE

SHEET TITLE: COVER SHEET

Drawing name: G:\S\CD\PROJ\0212311\mde\as-bult\311\311.dwg Printed on: Aug 22, 2006 - 3:58pm Printed by: dglpdr

MATCHLINE SHEET 3.2

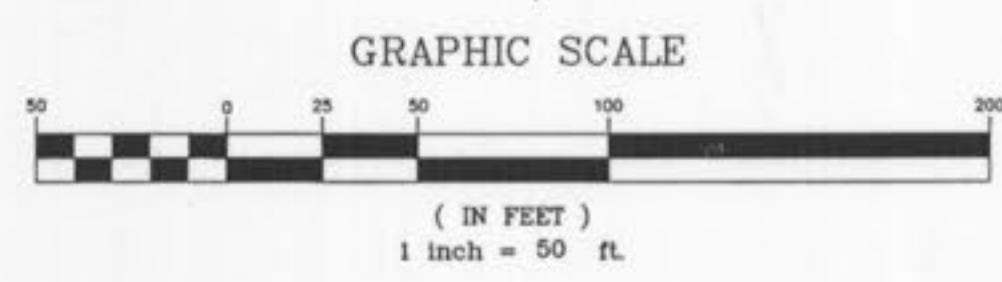
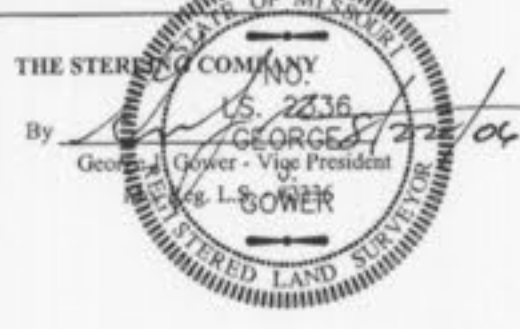


NOTE:
 LOTS AFFECTED BY TEMPORARY TURNAROUND
 WILL NOT HAVE BUILDING PERMITS ISSUED
 UNTIL AN ESCROW HAS BEEN ESTABLISHED TO
 REMOVE THE TEMPORARY TURNAROUND FROM
 THE LOT AND RIGHT-OF-WAY AND RESTORE
 VEGETATION WHEN STREET IS EXTENDED IN
 THE FUTURE.

AS-BUILT
 SANITARY AND STORM SEWER
 FINAL MEASUREMENT PLAT

As of _____, I certify that the actual sewer lengths, sizes, flowlines,
 depths of structures and locations with respect to existing or proposed easements
 have been measured, the results of those measurements are shown on this set of
 Final Measurement Plans. Since the v-pix locations have been plotted from information
 provided by the sewer contractor or other sources, I disclaim any responsibility for
 that specific information.

All public sewers are located within the designated existing _____ easements
 except as follows: _____

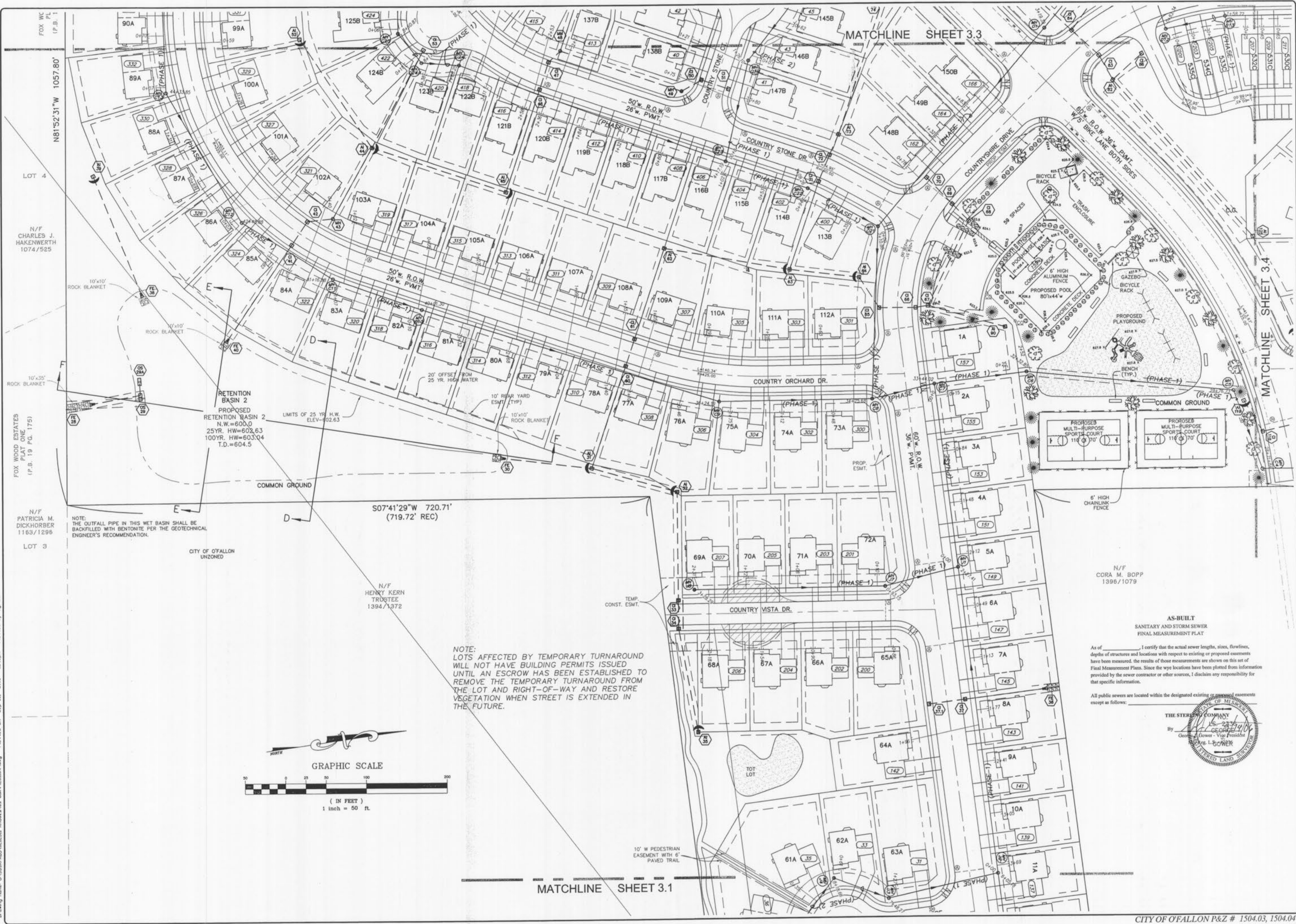


ISSUE	REMARKS/DATE
10	CITY COMMENTS/02-03-06
11	CITY COMMENTS/02-15-06
3	DCSD COMMENTS/09-25-05
4	DCSD COMMENTS/10-13-05
5	DCSD AND CITY COMMENTS/11-14-05
6	CITY COMMENTS/11-22-05
7	CITY COMMENTS/12-30-05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

PREPARED FOR:
CMB RHODES, L.L.C.
 P.O. Box 511038
 St. Louis, MO 63151-1038
 (314) 487-6717

PREPARED BY:
THE STERLING CO.
 ENGINEERS & SURVEYORS
 5055 NEW BAUMGARTNER ROAD
 ST. LOUIS, MISSOURI 63129
 (314) 487-0440 FAX 487-6944
 E-Mail: Sterling@sterling-eng-survey.com

PROJECT:	COUNTRYSHIRE		
DRAWN:	G.S.	DESIGNED:	J.C.M.
CHECKED:		CHECKED:	
SHEET TITLE:	SITE PLAN		
NO.	02	12	311
M.S.D.			SHEET
P#			3.1
OF			

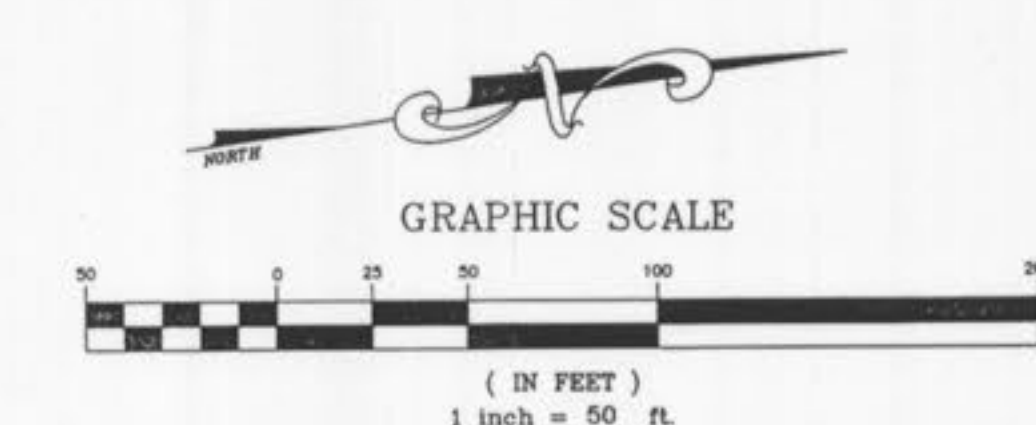


FOX WC PL (P.B. 1)
 N81°52'31"W 1057.80'
 LOT 4
 N/F CHARLES J. HAKENWERTH 1074/525
 10'x10' ROCK BLANKET
 10'x10' ROCK BLANKET
 10'x35' ROCK BLANKET
 FOX WOOD ESTATES PLAT ONE (P.B. 19 PG. 175)
 N/F PATRICIA M. DICKHORBER 1163/1296
 LOT 3
 CITY OF O'FALLON UNZONED
 N/F HENRY KERN TRUSTEE 1394/1372
 N/F CORA M. BOPP 1396/1079

NOTE: THE OUTFALL PIPE IN THIS WET BASIN SHALL BE BACKFILLED WITH BENTONITE PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATION.

RETENTION BASIN 2
 PROPOSED RETENTION BASIN 2
 N.W.=600.0
 25YR. HW=602.63
 100YR. HW=603.04
 T.D.=604.5
 LIMITS OF 25 YR. H.W. ELEV.=102.63

NOTE: LOTS AFFECTED BY TEMPORARY TURNAROUND WILL NOT HAVE BUILDING PERMITS ISSUED UNTIL AN ESCROW HAS BEEN ESTABLISHED TO REMOVE THE TEMPORARY TURNAROUND FROM THE LOT AND RIGHT-OF-WAY AND RESTORE VEGETATION WHEN STREET IS EXTENDED IN THE FUTURE.

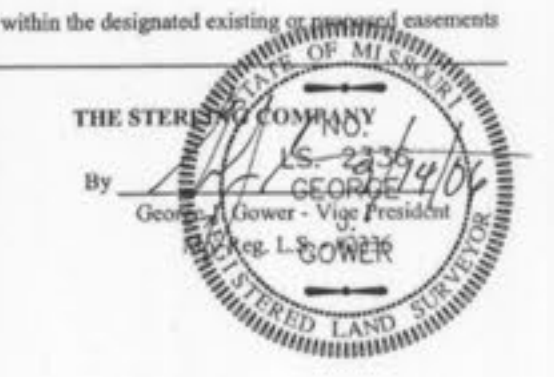


MATCHLINE SHEET 3.1

MATCHLINE SHEET 3.3

MATCHLINE SHEET 3.4

AS-BUILT
 SANITARY AND STORM SEWER
 FINAL MEASUREMENT PLAT
 As of _____ I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.
 All public sewers are located within the designated existing _____ easements except as follows: _____



ISSUE	REMARKS/DATE
10	CITY COMMENTS/02-03-06
11	CITY COMMENTS/02-15-06
3	DCSD COMMENTS/09-29-05
4	DCSD COMMENTS/10-19-05
5	DCSD AND CITY COMMENTS/11-14-05
6	CITY COMMENTS/11-22-05
7	CITY COMMENTS/12-30-05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

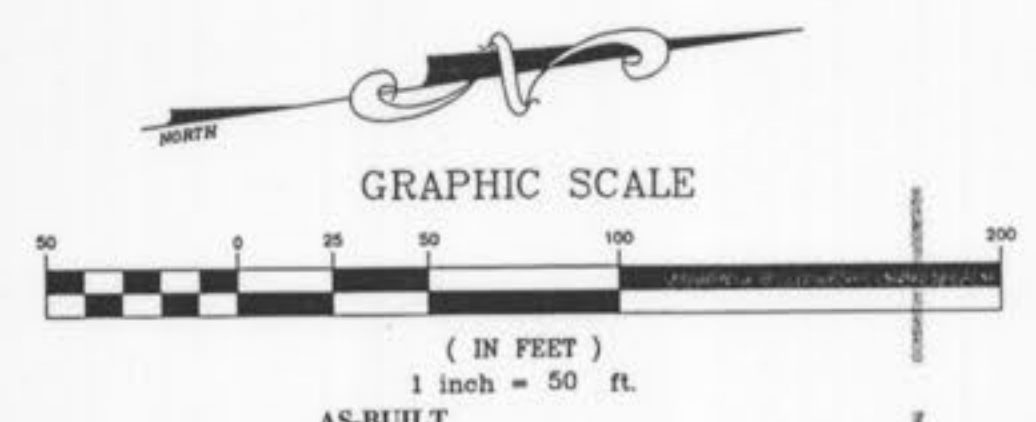
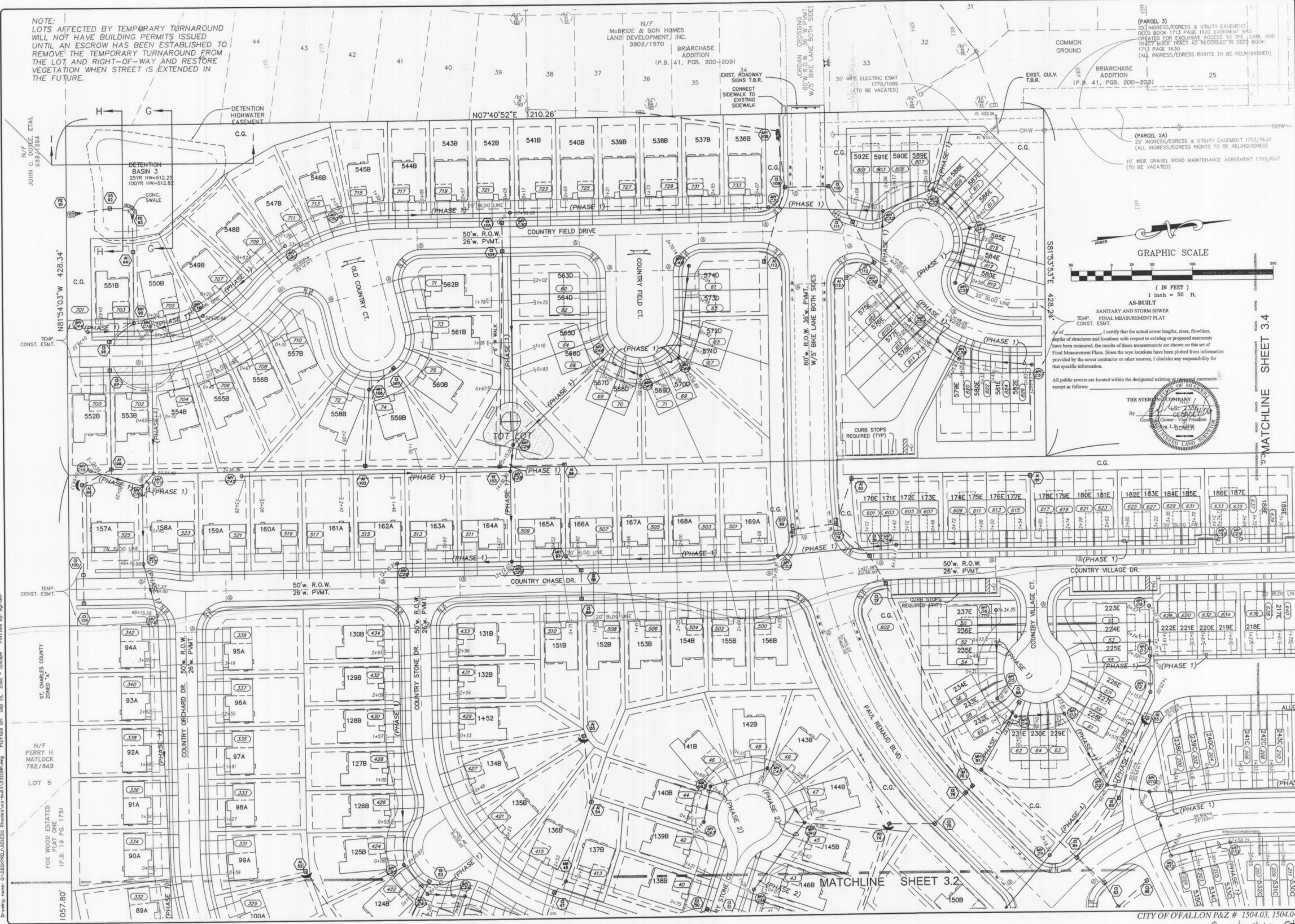
PREPARED FOR:
CMB RHODES, L.L.C.
 P.O. Box 511038
 St. Louis, MO 63151-1038
 (314) 487-6717

PREPARED BY:
THE STERLING CO.
 ENGINEERS & SURVEYORS
 3035 NEW BALMARTNER ROAD
 ST. LOUIS, MISSOURI 63129
 (314) 487-0440 FAX 487-8944
 E-Mail: Sterling@sterling-eng-sur.com

DRAWN: G.S.	DESIGNED: J.C.M.	CHECKED:
PROJECT: COUNTRYSHIRE		
NO. 02	12	311
M.S.D.	SHEET	
P#	32	
SHEET TITLE: SITE PLAN		

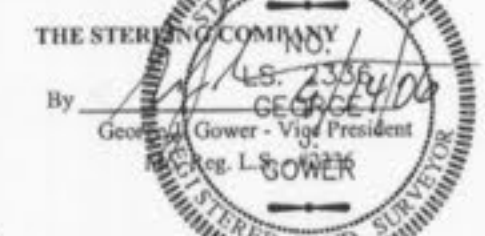
Drawing name: C:\SDG\PROJ\150403\150404\Rhodes\as-built\231119.dwg Plotted on: Sep 15, 2006 - 12:05pm Plotted by: dgriner

NOTE:
LOTS AFFECTED BY TEMPORARY TURNAROUND
WILL NOT HAVE BUILDING PERMITS ISSUED
UNTIL AN ESCROW HAS BEEN ESTABLISHED TO
REMOVE THE TEMPORARY TURNAROUND FROM
THE LOT AND RIGHT-OF-WAY AND RESTORE
VEGETATION WHEN STREET IS EXTENDED IN
THE FUTURE.



I, the undersigned, certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured, the results of those measurements are shown on this set of Final Measurement Plans. Since the sewer locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing or proposed easements, except as follows:



MATCHLINE SHEET 3.4

ISSUE	REMARKS/DATE
10	CITY COMMENTS 8/22/06
11	CITY COMMENTS 8/22/06
3	DCSD COMMENTS 09/28/05
4	DCSD COMMENTS 10/13/05
5	DCSD AND CITY COMMENTS 11-14-05
6	CITY COMMENTS 11-22-05
7	CITY COMMENTS 12-22-05
8	WATER DISTRICT #2 COMMENTS 01-17-06
9	DEVELOPER REVISIONS 01-24-06

PREPARED BY:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

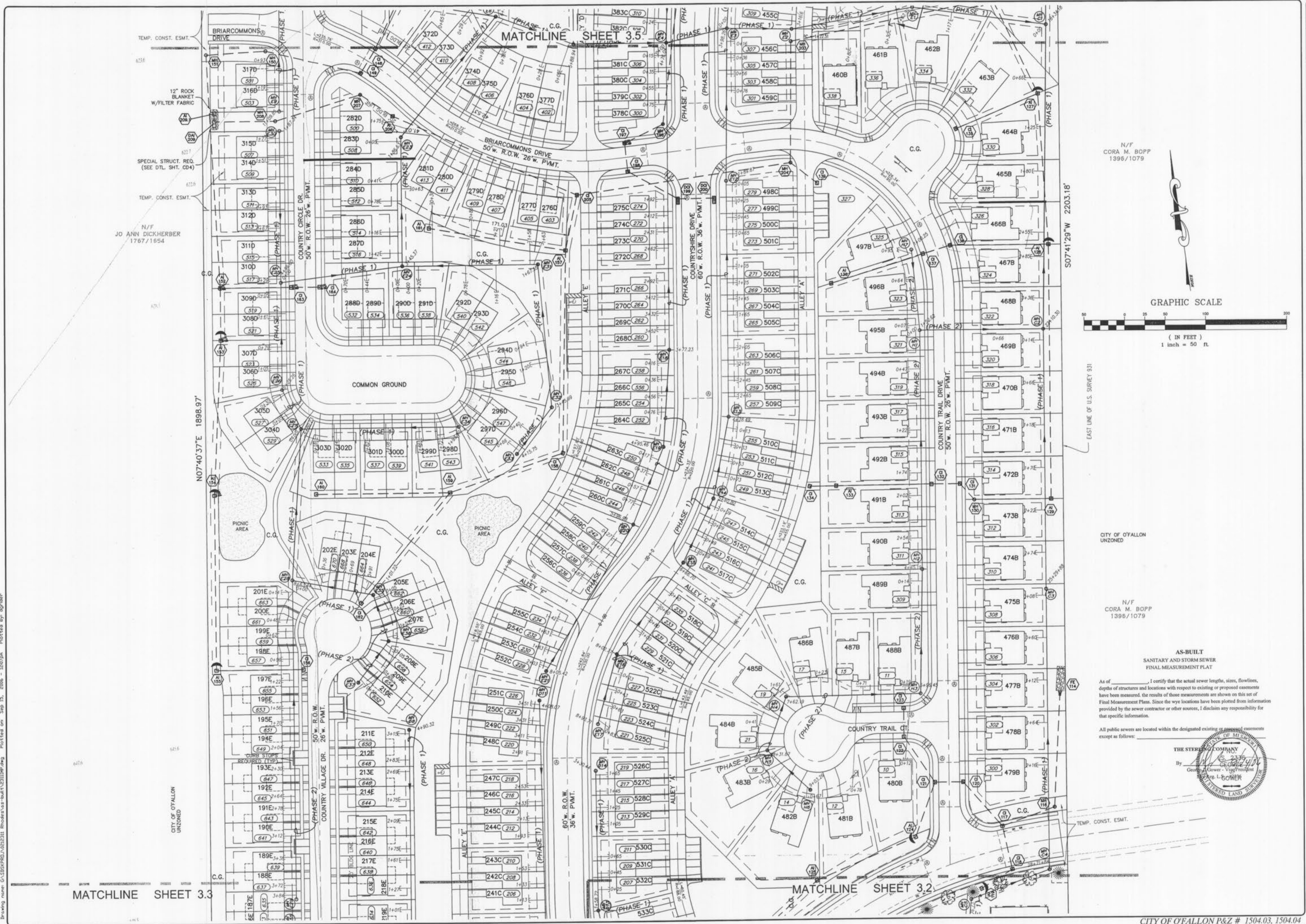
PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BAUMGARTNER ROAD
ST. LOUIS, MO 63114
E-Mail: Sterling@sterling-eng-sur.com

DRAWN: G.S.
DESIGNED: J.C.M.
CHECKED:

PROJECT: **COUNTRYSHIRE**
SHEET TITLE: **SITE PLAN**

NO.	02	12	311
M.S.D.			SHEET 3.3
PH			OF

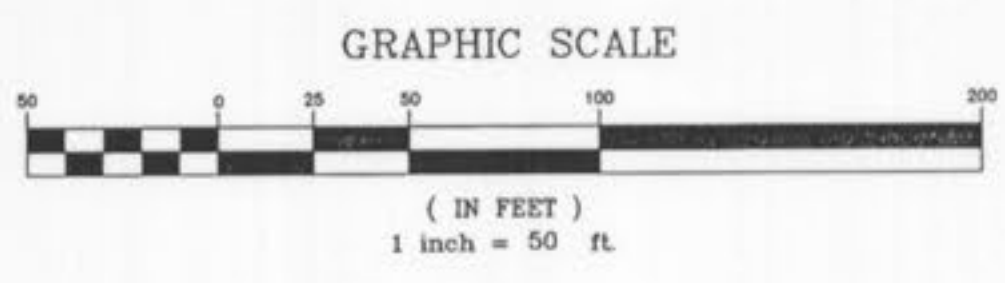
Drawing name: C:\SDP\FRD\020201_Rhodes\as-built\231106.dwg Plotted on: Sep 15, 2006 - 12:05pm Plotted by: dgrider



MATCHLINE SHEET 3.3

MATCHLINE SHEET 3.2

N/F
CORA M. BOPP
1396/1079



EAST LINE OF U.S. SURVEY 931

CITY OF O'FALLON
UNZONED

N/F
CORA M. BOPP
1396/1079

AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAN

As of _____, I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing _____ measurements except as follows:



CITY OF O'FALLON
UNZONED

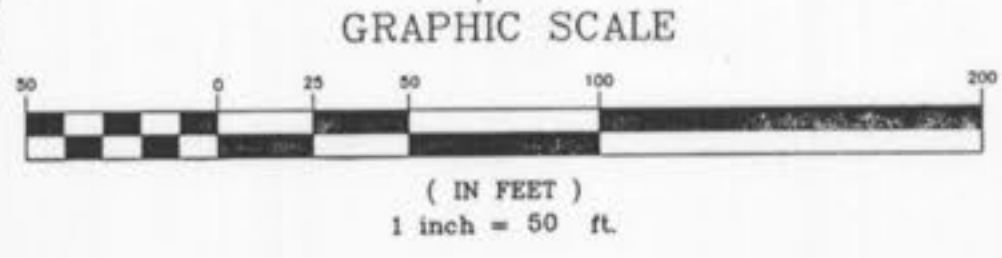
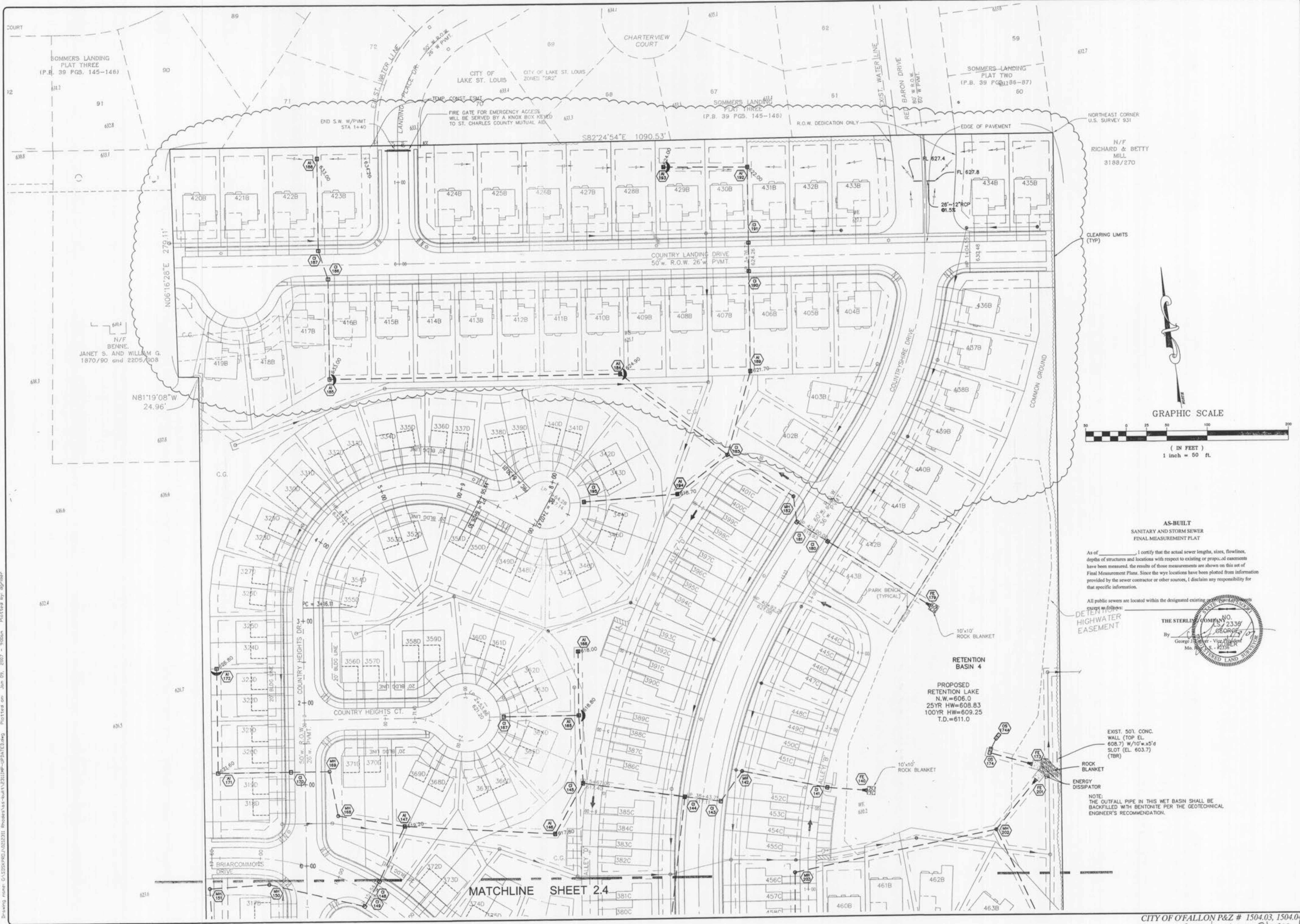
TEMP. CONST. ESMT.

ISSUE	REMARKS/DATE
10	CITY COMMENTS 10/20/04
11	CITY COMMENTS 10/20/04
12	DCSD COMMENTS 10/20/04
13	DCSD COMMENTS 10/20/04
14	DCSD AND CITY COMMENTS 11/14/04
15	CITY COMMENTS 11/14/04
16	CITY COMMENTS 11/22/04
17	WATER DISTRICT #3 COMMENTS 11/17/04
18	DEVELOPER REVISIONS 11/24/04

PREPARED FOR:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
E-Mail: Sterling@sterling-eng-survey.com

PROJECT:	COUNTRYSHIRE		SHEET TITLE:	SITE PLAN
NO.	02	12	311	
M.S.D.				SHEET
PH			3.4	OF



**AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAN**

As of _____ I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing _____
DETERMINED HIGHWATER EASEMENT

THE STERLING COMPANY
By: _____
George J. Sterling - Vice President
No. 2338
St. Louis, MO 63114
Tel. (314) 487-8844
Fax (314) 487-8844
E-Mail: Sterling@sterling-eng-survey.com

RETENTION BASIN 4
PROPOSED
RETENTION LAKE
N.W. = 606.0
25YR HW = 608.83
100YR HW = 609.25
T.D. = 611.0

EXIST. 50' CONC.
WALL (TOP EL.
608.7) W/10'x5'd
SLOT (EL. 603.7)
(TBR)

ROCK BLANKET
ENERGY DISSIPATOR

NOTE:
THE OUTFALL PIPE IN THIS WET BASIN SHALL BE
BACKFILLED WITH BENTONITE PER THE GEOTECHNICAL
ENGINEER'S RECOMMENDATION.



ISSUE	REMARKS/DATE
10	CITY COMMENTS 05-05-06
11	CITY COMMENTS 05-15-06
12	REVISED PER DEPT. LOCATIONS 06-14-06
13	REVISED PER DEPT. LOCATIONS COMMENTS / 11-5-06
14	12-4-06 REVISED CITY COMMENTS
6	CITY COMMENTS 11-22-05
7	CITY COMMENTS 12-30-05
8	WATER DISTRICT #2 COMMENTS 01-17-06
9	DEVELOPER REVISIONS 01-24-06

PREPARED FOR:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-8717

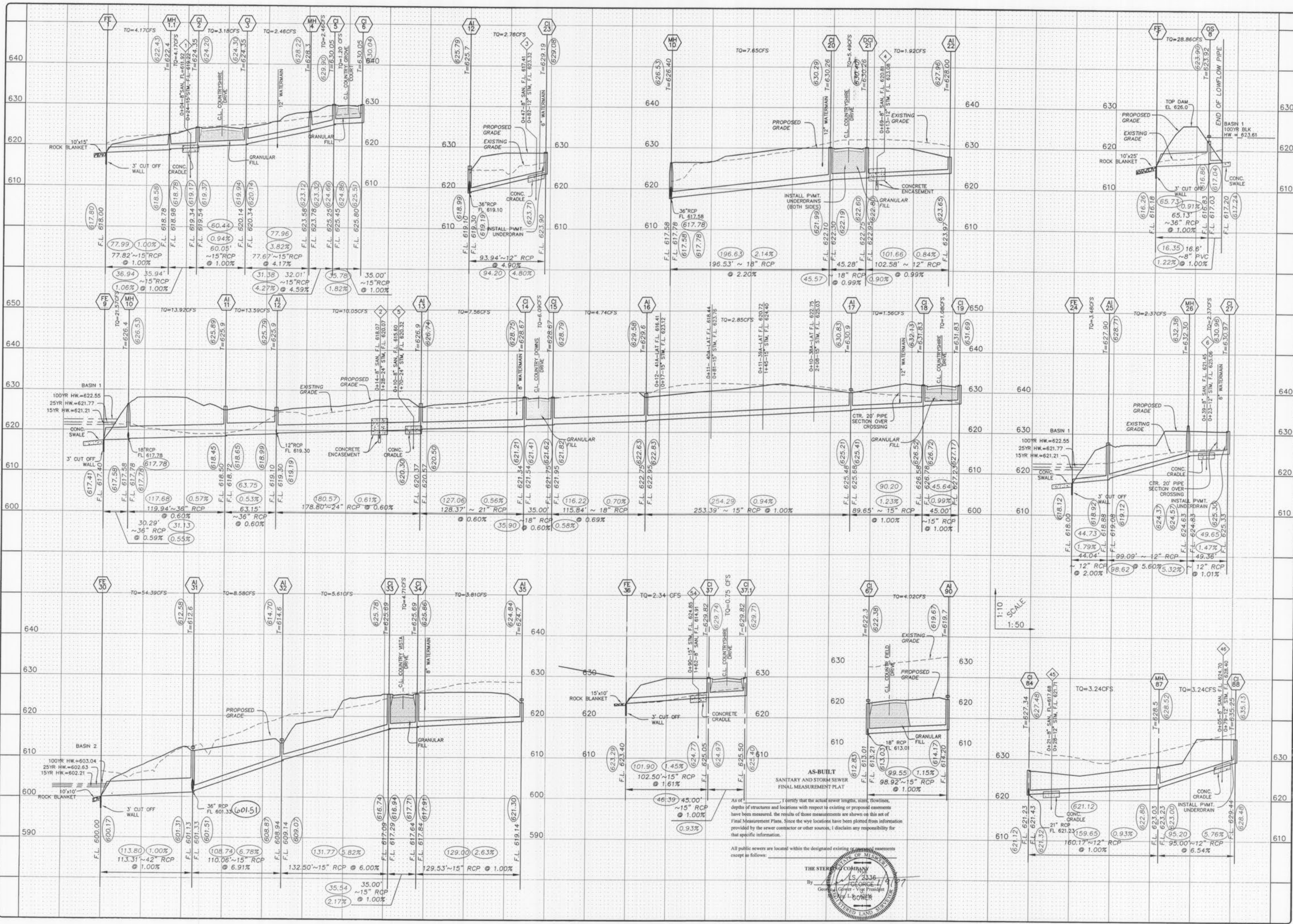
PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5005 NEW BAUMGARTNER ROAD
ST. LOUIS, MO 63114
(314) 487-0440 FAX 487-8844
E-Mail: Sterling@sterling-eng-survey.com

PROJECT:	COUNTRYSHIRE	
DRAWN:	L.G.	DESIGNED:
CHECKED:	J.C.M.	
SHEET TITLE:	GRADING PLAN	

NO.	02	12	311
M.S.D.			
P#			
OF			

Drawing no: 0320490, 0320491, 0320492, 0320493, 0320494, 0320495, 0320496, 0320497, 0320498, 0320499, 0320500, 0320501, 0320502, 0320503, 0320504, 0320505, 0320506, 0320507, 0320508, 0320509, 0320510, 0320511, 0320512, 0320513, 0320514, 0320515, 0320516, 0320517, 0320518, 0320519, 0320520, 0320521, 0320522, 0320523, 0320524, 0320525, 0320526, 0320527, 0320528, 0320529, 0320530, 0320531, 0320532, 0320533, 0320534, 0320535, 0320536, 0320537, 0320538, 0320539, 0320540, 0320541, 0320542, 0320543, 0320544, 0320545, 0320546, 0320547, 0320548, 0320549, 0320550, 0320551, 0320552, 0320553, 0320554, 0320555, 0320556, 0320557, 0320558, 0320559, 0320560, 0320561, 0320562, 0320563, 0320564, 0320565, 0320566, 0320567, 0320568, 0320569, 0320570, 0320571, 0320572, 0320573, 0320574, 0320575, 0320576, 0320577, 0320578, 0320579, 0320580, 0320581, 0320582, 0320583, 0320584, 0320585, 0320586, 0320587, 0320588, 0320589, 0320590, 0320591, 0320592, 0320593, 0320594, 0320595, 0320596, 0320597, 0320598, 0320599, 0320600, 0320601, 0320602, 0320603, 0320604, 0320605, 0320606, 0320607, 0320608, 0320609, 0320610, 0320611, 0320612, 0320613, 0320614, 0320615, 0320616, 0320617, 0320618, 0320619, 0320620, 0320621, 0320622, 0320623, 0320624, 0320625, 0320626, 0320627, 0320628, 0320629, 0320630, 0320631, 0320632, 0320633, 0320634, 0320635, 0320636, 0320637, 0320638, 0320639, 0320640, 0320641, 0320642, 0320643, 0320644, 0320645, 0320646, 0320647, 0320648, 0320649, 0320650, 0320651, 0320652, 0320653, 0320654, 0320655, 0320656, 0320657, 0320658, 0320659, 0320660, 0320661, 0320662, 0320663, 0320664, 0320665, 0320666, 0320667, 0320668, 0320669, 0320670, 0320671, 0320672, 0320673, 0320674, 0320675, 0320676, 0320677, 0320678, 0320679, 0320680, 0320681, 0320682, 0320683, 0320684, 0320685, 0320686, 0320687, 0320688, 0320689, 0320690, 0320691, 0320692, 0320693, 0320694, 0320695, 0320696, 0320697, 0320698, 0320699, 0320700, 0320701, 0320702, 0320703, 0320704, 0320705, 0320706, 0320707, 0320708, 0320709, 0320710, 0320711, 0320712, 0320713, 0320714, 0320715, 0320716, 0320717, 0320718, 0320719, 0320720, 0320721, 0320722, 0320723, 0320724, 0320725, 0320726, 0320727, 0320728, 0320729, 0320730, 0320731, 0320732, 0320733, 0320734, 0320735, 0320736, 0320737, 0320738, 0320739, 0320740, 0320741, 0320742, 0320743, 0320744, 0320745, 0320746, 0320747, 0320748, 0320749, 0320750, 0320751, 0320752, 0320753, 0320754, 0320755, 0320756, 0320757, 0320758, 0320759, 0320760, 0320761, 0320762, 0320763, 0320764, 0320765, 0320766, 0320767, 0320768, 0320769, 0320770, 0320771, 0320772, 0320773, 0320774, 0320775, 0320776, 0320777, 0320778, 0320779, 0320780, 0320781, 0320782, 0320783, 0320784, 0320785, 0320786, 0320787, 0320788, 0320789, 0320790, 0320791, 0320792, 0320793, 0320794, 0320795, 0320796, 0320797, 0320798, 0320799, 0320800, 0320801, 0320802, 0320803, 0320804, 0320805, 0320806, 0320807, 0320808, 0320809, 0320810, 0320811, 0320812, 0320813, 0320814, 0320815, 0320816, 0320817, 0320818, 0320819, 0320820, 0320821, 0320822, 0320823, 0320824, 0320825, 0320826, 0320827, 0320828, 0320829, 0320830, 0320831, 0320832, 0320833, 0320834, 0320835, 0320836, 0320837, 0320838, 0320839, 0320840, 0320841, 0320842, 0320843, 0320844, 0320845, 0320846, 0320847, 0320848, 0320849, 0320850, 0320851, 0320852, 0320853, 0320854, 0320855, 0320856, 0320857, 0320858, 0320859, 0320860, 0320861, 0320862, 0320863, 0320864, 0320865, 0320866, 0320867, 0320868, 0320869, 0320870, 0320871, 0320872, 0320873, 0320874, 0320875, 0320876, 0320877, 0320878, 0320879, 0320880, 0320881, 0320882, 0320883, 0320884, 0320885, 0320886, 0320887, 0320888, 0320889, 0320890, 0320891, 0320892, 0320893, 0320894, 0320895, 0320896, 0320897, 0320898, 0320899, 0320900, 0320901, 0320902, 0320903, 0320904, 0320905, 0320906, 0320907, 0320908, 0320909, 0320910, 0320911, 0320912, 0320913, 0320914, 0320915, 0320916, 0320917, 0320918, 0320919, 0320920, 0320921, 0320922, 0320923, 0320924, 0320925, 0320926, 0320927, 0320928, 0320929, 0320930, 0320931, 0320932, 0320933, 0320934, 0320935, 0320936, 0320937, 0320938, 0320939, 0320940, 0320941, 0320942, 0320943, 0320944, 0320945, 0320946, 0320947, 0320948, 0320949, 0320950, 0320951, 0320952, 0320953, 0320954, 0320955, 0320956, 0320957, 0320958, 0320959, 0320960, 0320961, 0320962, 0320963, 0320964, 0320965, 0320966, 0320967, 0320968, 0320969, 0320970, 0320971, 0320972, 0320973, 0320974, 0320975, 0320976, 0320977, 0320978, 0320979, 0320980, 0320981, 0320982, 0320983, 0320984, 0320985, 0320986, 0320987, 0320988, 0320989, 0320990, 0320991, 0320992, 0320993, 0320994, 0320995, 0320996, 0320997, 0320998, 0320999, 0321000

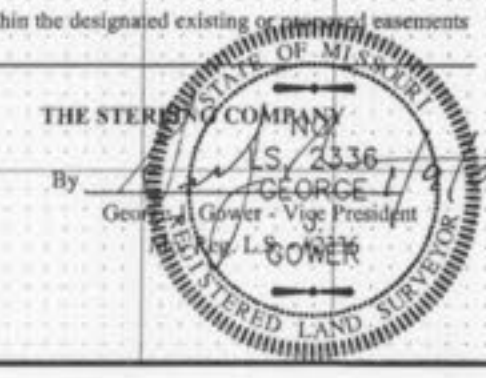
Drawing name: G:\SDSKPROJ\0212311_Rhodes\as-built\2311Storm-UPDATED.dwg Plotted on: Jan 08, 2007 4:21pm Plotted by: dgrider



AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAT

As of _____ I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed concerns have been measured. The results of these measurements are shown on this set of Final Measurement Plans. Since the way locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing _____ easements except as follows:



PROJECT: **COUNTRYSHIRE**

SHEET TITLE: **STORM PROFILES**

NO. **02 12 311**

M.S.D. SHEET

PH **6.1**

OF

PREPARED FOR: **THE STERLING CO.**
ENGINEERS & SURVEYORS
5055 NEW BAUMARTINE ROAD
ST. LOUIS, MISSOURI 63128
(314) 487-0440 FAX 487-8944
E-Mail: Sterling@sterling-eng-sur.com

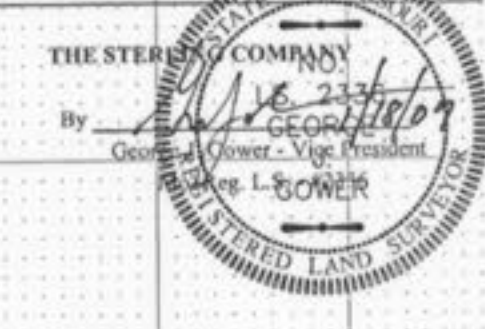
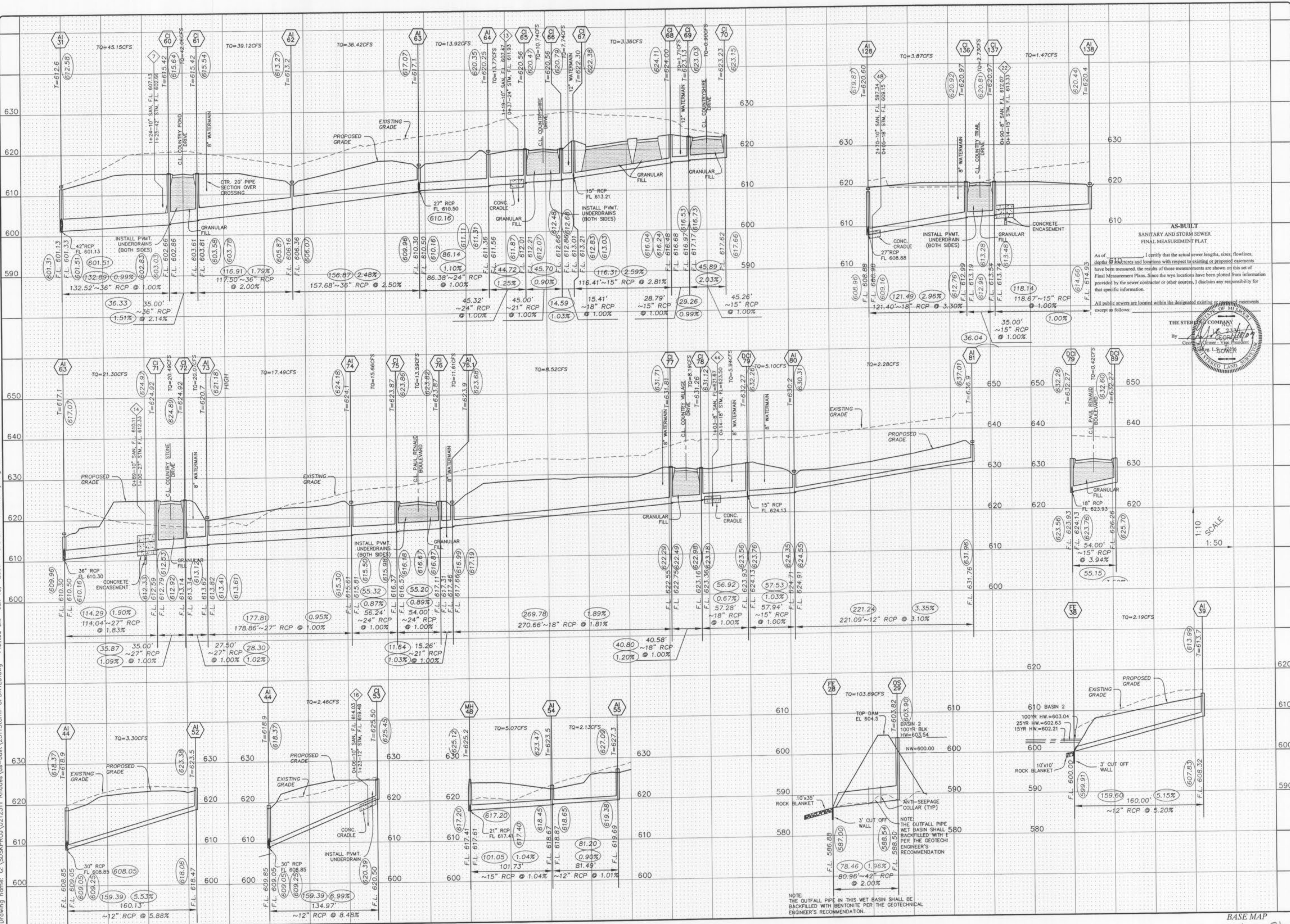
PREPARED BY: **CMB RHODES, L.L.C.**
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

ISSUE REMARKS/DATE

10	CITY COMMENTS/02-05-06
11	CITY COMMENTS/02-15-06
3	DCSD COMMENTS/09-28-05
4	DCSD AND CITY COMMENTS/10-13-05
5	DCSD AND CITY COMMENTS/11-14-05
6	CITY COMMENTS/11-22-05
7	CITY COMMENTS/12-30-05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

BASE MAP
Countryside Storm as built 7/17

Drawing name: G:\SDSKPRO\0212311_Rhodes\as-built\2311Storm-UPDATED.dwg Plotted on: Jan 18, 2007 - 8:31am Plotted by: dgjdr



1:10
1:50
SCALE

ISSUE	REMARKS/DATE
10	CITY COMMENTS 02-03-06
11	CITY COMMENTS 02-15-06
3	DCSD COMMENTS 09-28-05
4	DCSD COMMENTS 10-13-05
5	DCSD AND CITY COMMENTS 11-14-05
6	CITY COMMENTS 11-22-05
7	CITY COMMENTS 12-30-05
8	WATER DISTRICT #3 COMMENTS 01-17-06
9	DEVELOPER REVISED COMMENTS 01-24-06

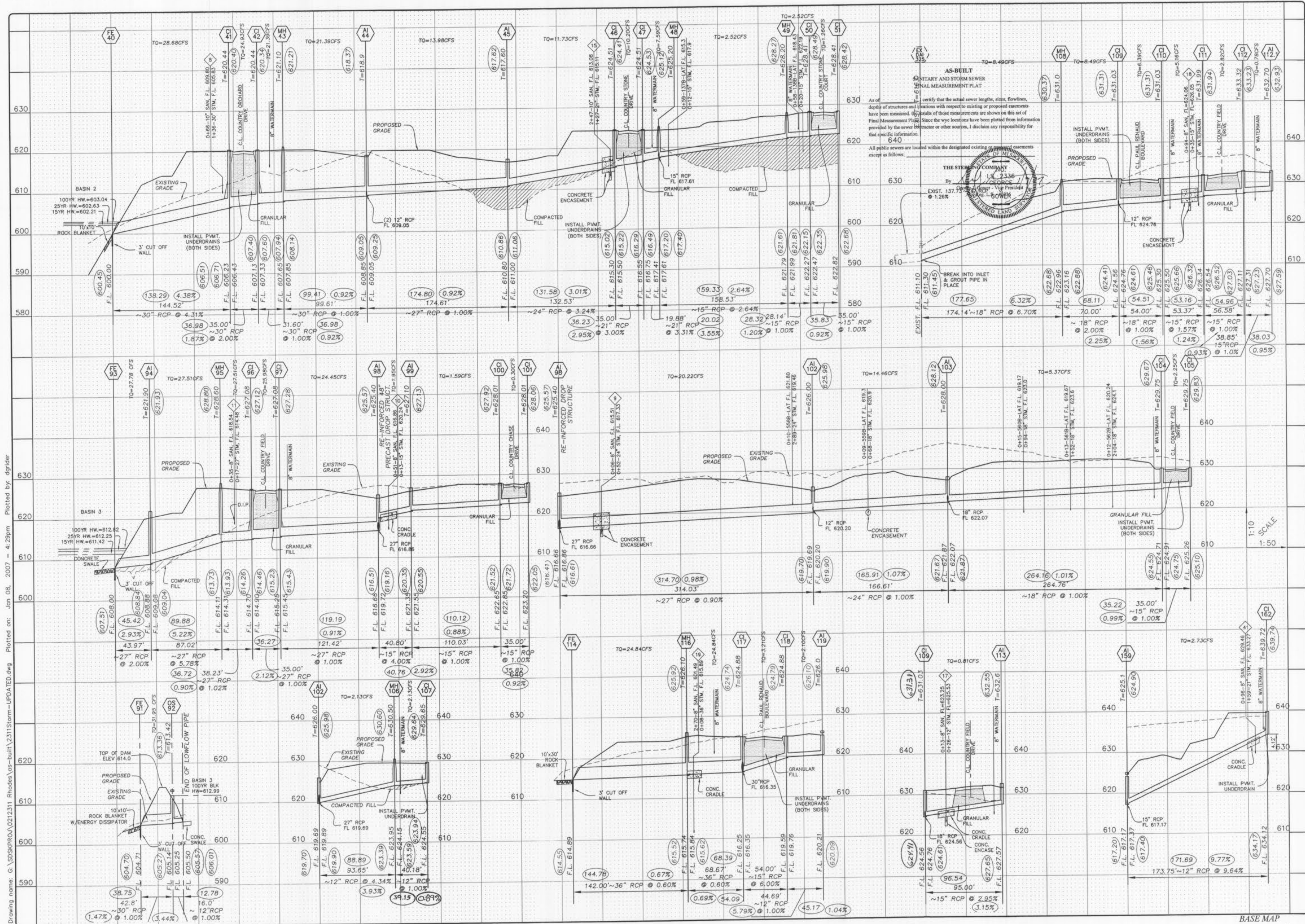
PREPARED FOR:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314) 487-0440 FAX 487-9944
E-Mail: Sterling@sterling-eng-survey.com

DRAWN:	DESIGNED:	CHECKED:
PROJECT:	STORM PROFILES	
NO. 02 12 311	SHEET	6.2
M.S.D.	OF	

BASE MAP
Countryshire Storm as built 8/17

Drawing name: G:\SDSKPROJ\0212311 Rhodea\as-built\2311Storm-UPDATED.dwg Plotted on: Jan 08, 2007 - 4:25pm Plotted by: dgrider



ISSUE	REMARKS/DATE
10	CITY COMMENTS/02-05-06
11	CITY COMMENTS/02-15-06
3	DCSD COMMENTS/09-28-05
4	DCSD COMMENTS/10-13-05
5	DCSD AND CITY COMMENTS/11-14-05
6	CITY COMMENTS/11-22-05
7	CITY COMMENTS/12-30-05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

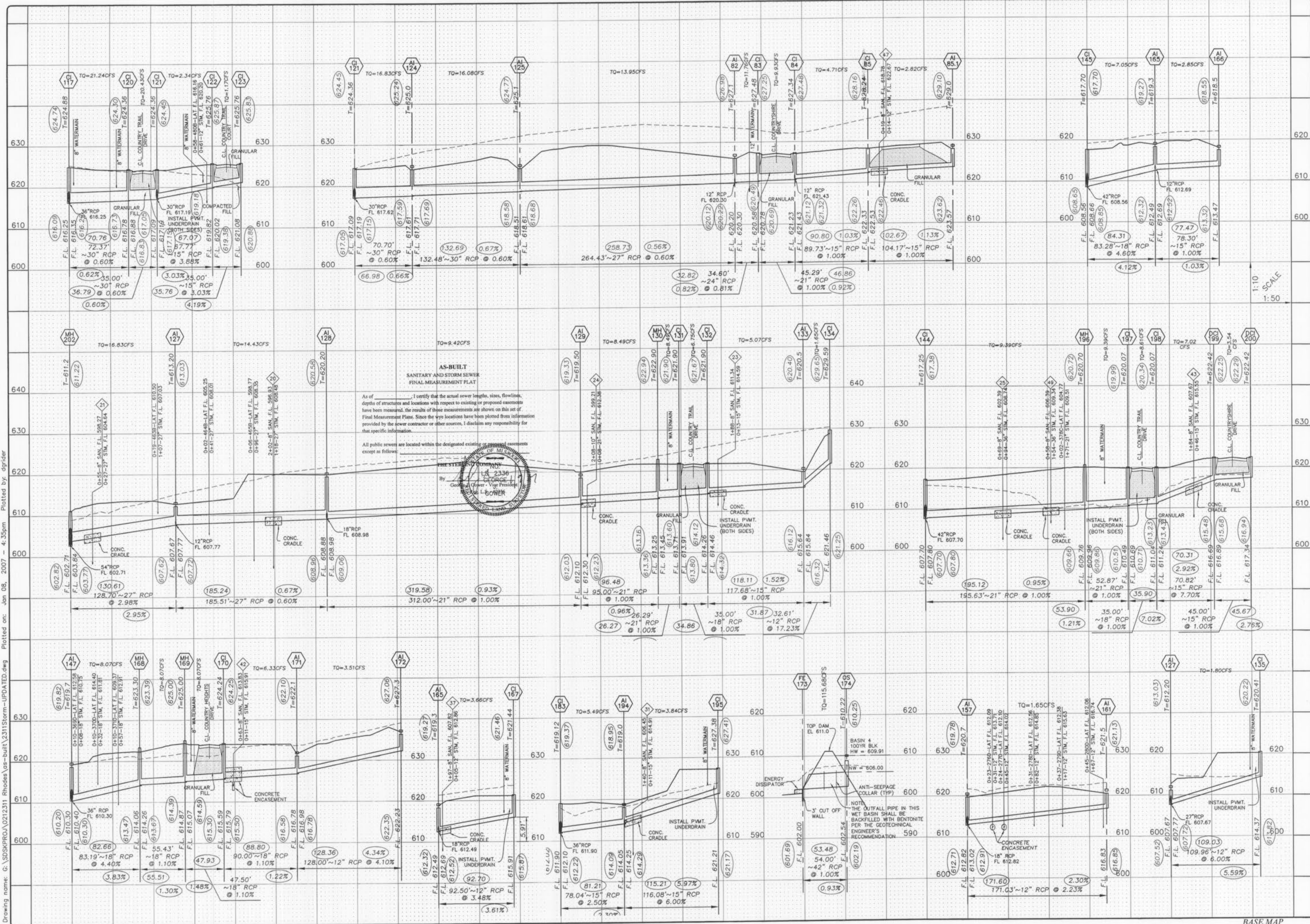
PREPARED FOR:
CMB RHODES, L.L.C.
 P.O. Box 511038
 St. Louis, MO 63151-1038
 (314) 487-1717

PREPARED BY:
THE STERLING CO.
 ENGINEERS & SURVEYORS
 5005 NEW BAUMGARTNER ROAD
 ST. LOUIS, MO 63112
 (314) 487-0440 FAX 487-8844
 E-Mail: Sterling@sterling-eng-survey.com

PROJECT:	COUNTRYSHIRE	
DRAWN:	DESIGNED:	CHECKED:
NO. 02	12	311
M.S.D. P#	SHEET 6.3	
DIGITAL FILE LOCATION: SERVER=STERLING-2	OF	

STORM PROFILES

BASE MAP
 Countryshre storm as built 9/17



ISSUE REMARKS/DATE

10	CITY COMMENTS 02-03-06
11	CITY COMMENTS 02-15-06
3	DCSD COMMENTS 09-28-05
4	DCSD AND CITY COMMENTS 10-13-05
5	CITY COMMENTS 11-11-05
6	CITY COMMENTS 11-22-05
7	CITY COMMENTS 12-30-05
8	WATER DISTRICT #2 COMMENTS 01-17-06
9	DEVELOPER REVISIONS 01-31-06

PREPARED FOR:
CMB RHODES, L.L.C.
 P.O. Box 511038
 St. Louis, MO 63151-1038
 (314) 487-6717

PREPARED BY:
THE STERLING CO.
 ENGINEERS & SURVEYORS
 5055 NEW BAUMGARTNER ROAD
 ST. LOUIS, MO 63114
 (314) 487-0440 FAX 487-5844
 E-Mail: Sterling@sterling-eng-survey.com

PROJECT: **02 12 311**

DRAWN: [blank] DESIGNED: [blank] CHECKED: [blank]

COUNTRYSHIRE

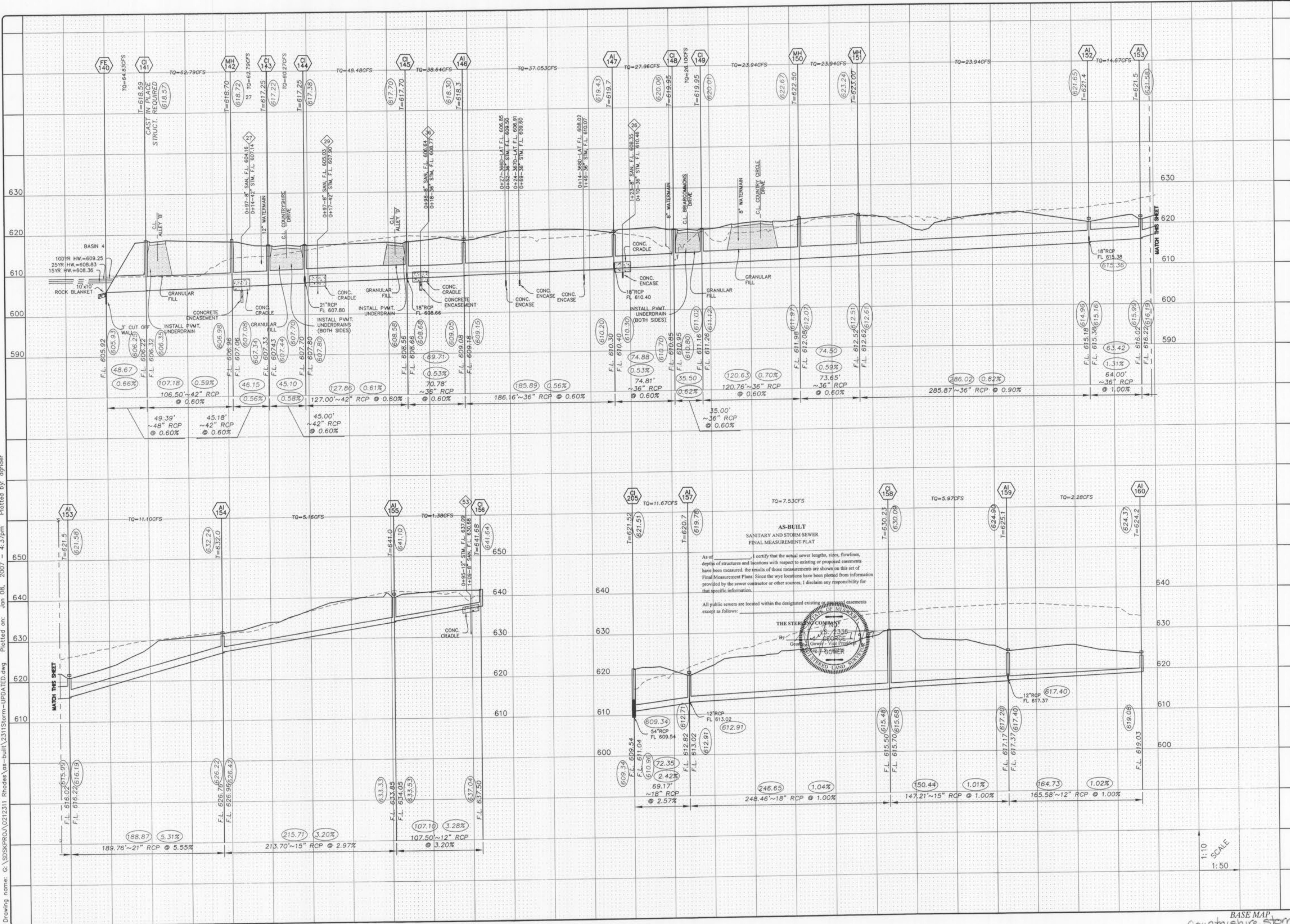
STORM PROFILES

NO. **02 12 311**

M.S.D. SHEET **6.4**

OF

Drawing name: G:\SDSKPROA\0212311_Rhodes\as-built\311storm-UPDATED.dwg Plotted on: Jan 08, 2007 - 4:37pm Plotted by: dgrider



ISSUE REMARKS/DATE

10	CITY COMMENTS/02/03/06
11	CITY COMMENTS/02/15/06
3	DCSD COMMENTS/03/28/05
4	DCSD COMMENTS/03/13/05
5	DCSD AND CITY COMMENTS/11/14/05
6	CITY COMMENTS/11/22/05
7	CITY COMMENTS/12/30/05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

PREPARED BY:
STERLING CO.
 ENGINEERS & SURVEYORS
 5085 NEW BALMAGISTER ROAD
 ST. LOUIS, MISSOURI 63129
 (314) 487-0440 FAX 487-8844
 E-Mail: Sterling@sterling-eng-sur.com

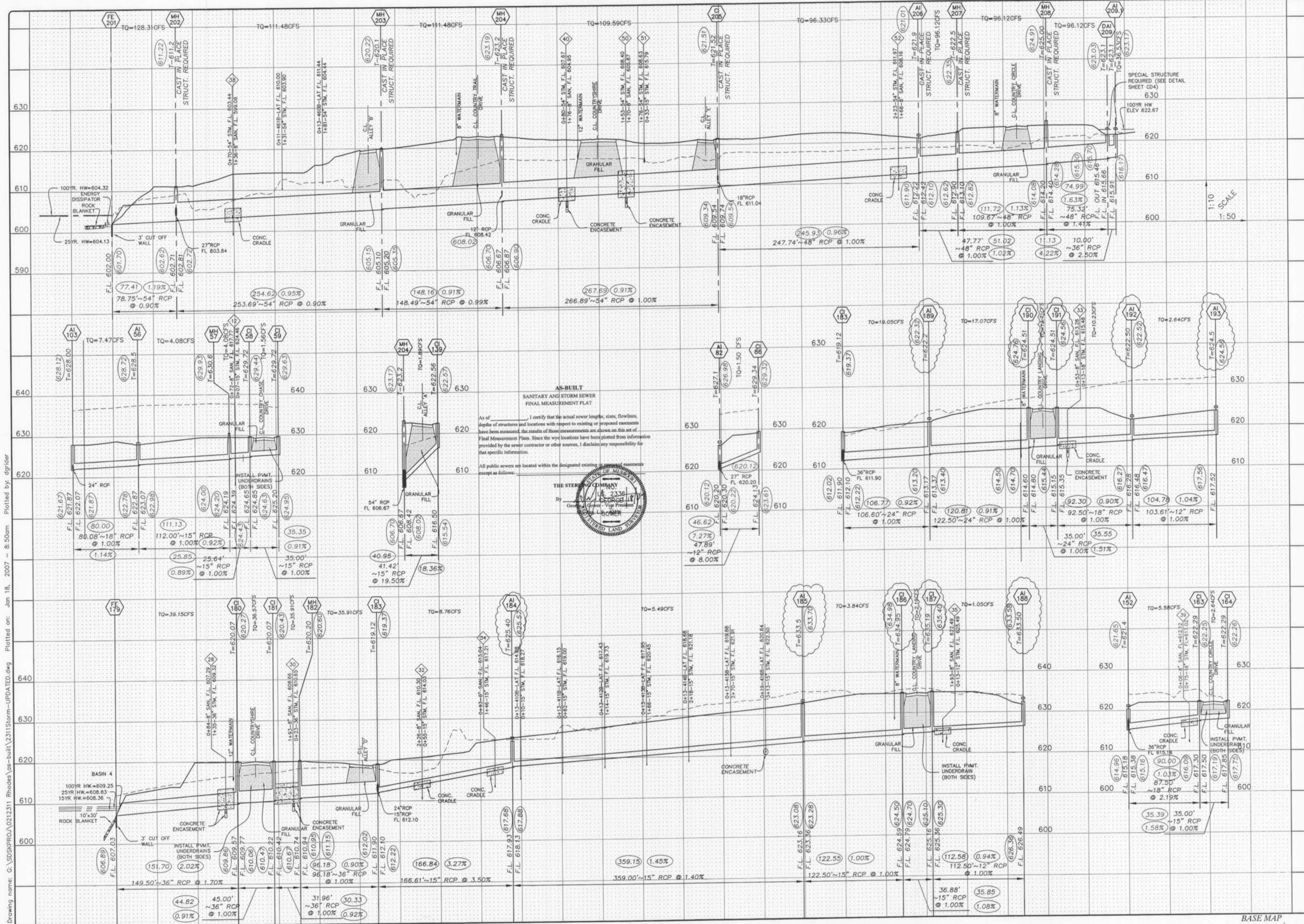
CMB RHODES, L.L.C.
 P.O. Box 511038
 St. Louis, MO 63151-1038
 (314) 487-6717

PROJECT: COUNTRYSHIRE
 SHEET TITLE: STORM PROFILES

NO. 02 12 311
 M.S.D. SHEET
 P# 6.5
 OF

BASE MAP
 Countryshire storm as-builts 1/17

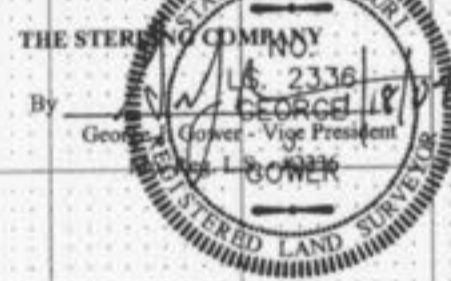
Drawing name: G:\SDSKPROA\0212311_Rhodes_as-built\2311Storm-UPDATED.dwg Plotted on: Jan 18, 2007 - 8:50am Plotted by: dgrider



AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAT

As of _____, I certify that the actual sewer lengths, sizes, flowlines, depth of structures and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing easements except as follows:



PROJECT:	COUNTRYSHIRE
DESIGNED:	
CHECKED:	
DRAWN:	
NO. 02 12 311	
M.S.D.	SHEET
PH	6.6
OF	

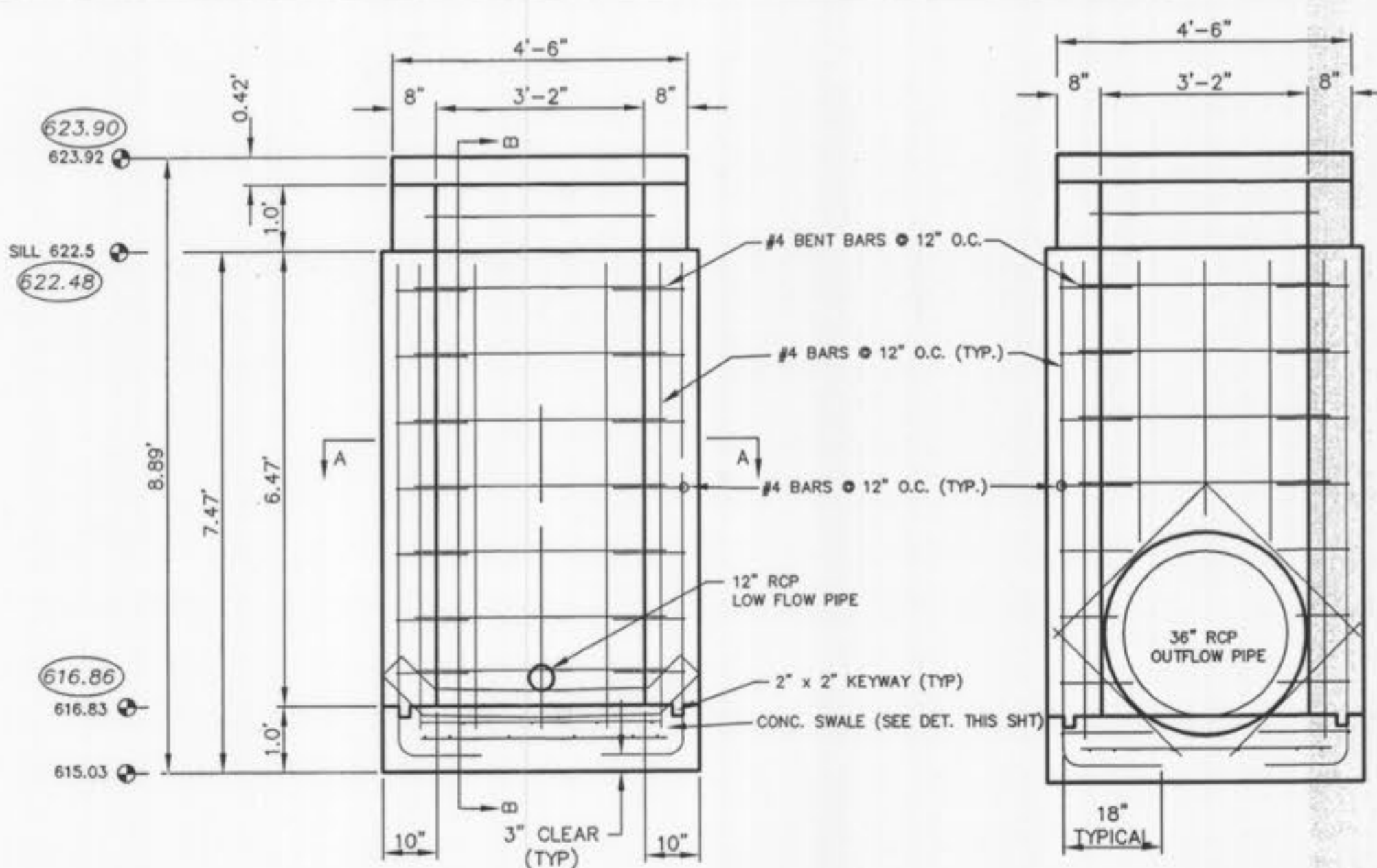
PREPARED FOR:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314)-487-0440 FAX 487-8944
E-Mail: Sterling@sterling-eng-survey.com

PREPARED BY:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

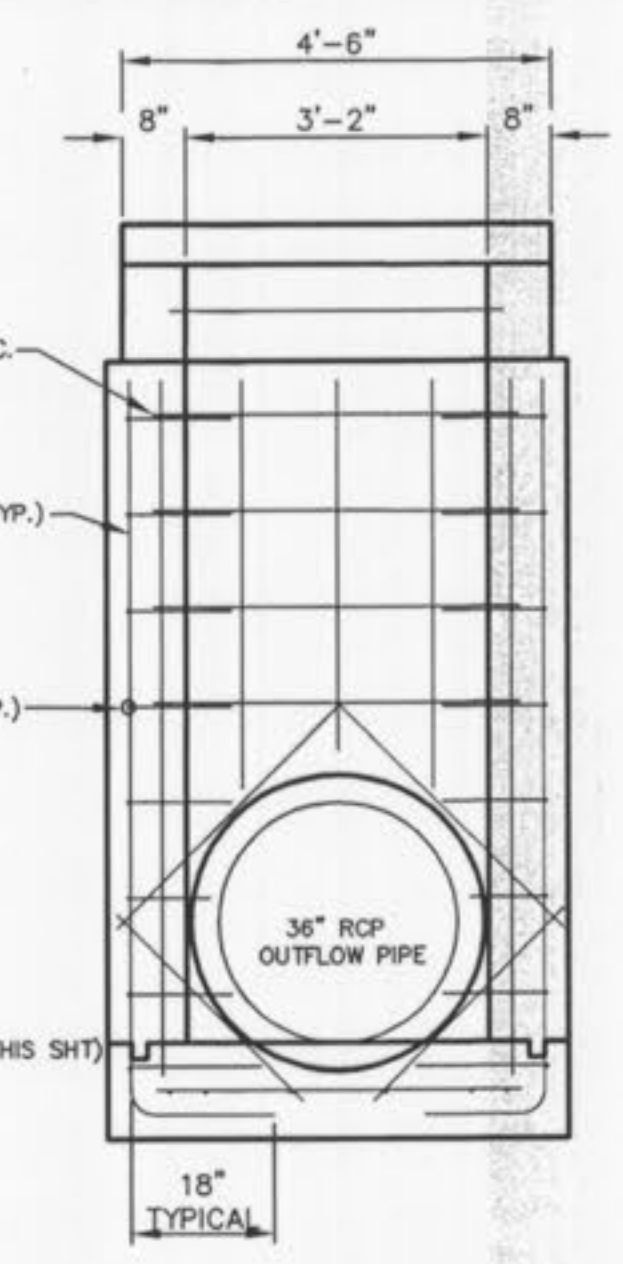
REMARKS/DATE:
10 CITY COMMENTS/02-03-06
11 CITY COMMENTS/02-15-06
12 DCSD COMMENTS/09-29-05
13 REVISED PER DEVELOPMENT COMMENTS 11-6-05
14 12-4-06 REVISED CITY COMMENTS
5 CITY COMMENTS/11-22-05
6 CITY COMMENTS/12-30-05
7 WATER DISTRICT #2 COMMENTS/01-17-06
8 DEVELOPER REVISIONS/01-24-06

BASE MAP
Countryshire storm as built 12/17

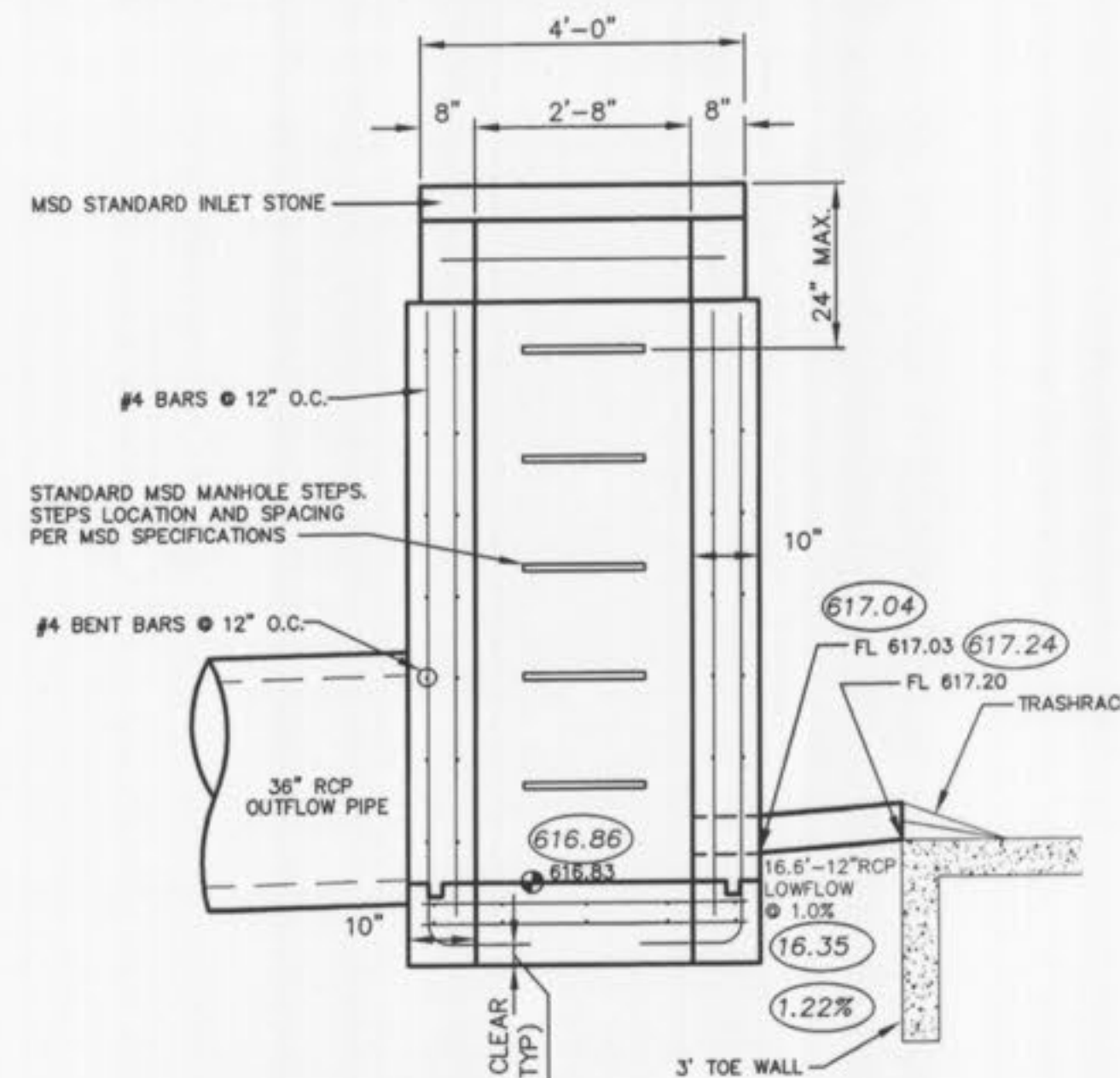
Drawing name: G:\AS\KPRDJ\0212311_Rhodes\as-built\1231105.dwg Plotted on Sep 28, 2006 - 12:55pm Plotted by: dgrider



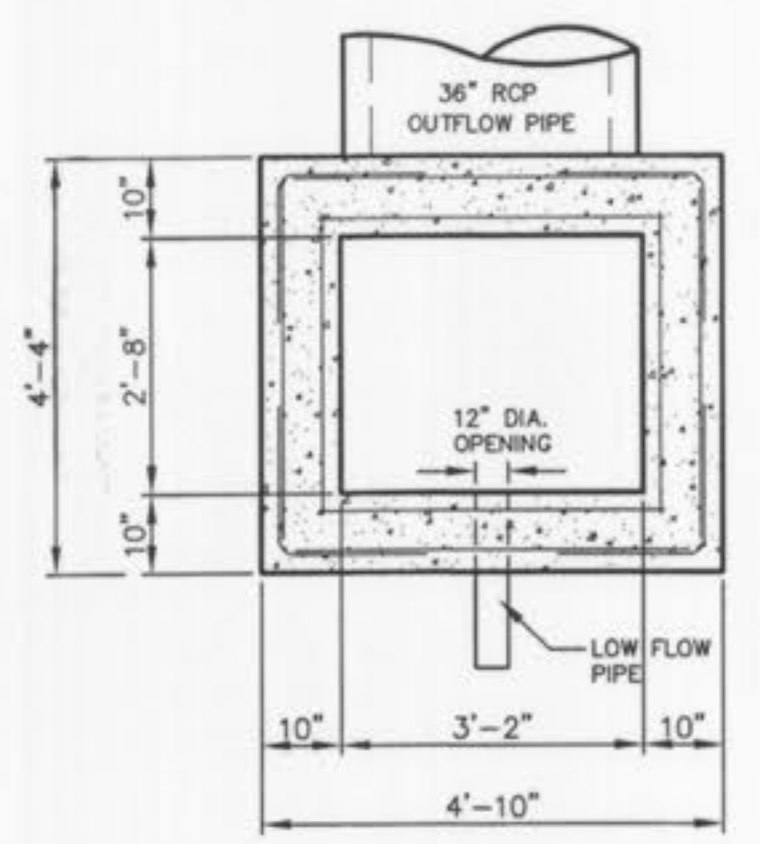
OUTFALL STRUCTURE 8
FRONT ELEVATION
N.T.S.



OUTFALL STRUCTURE 8
REAR ELEVATION
N.T.S.

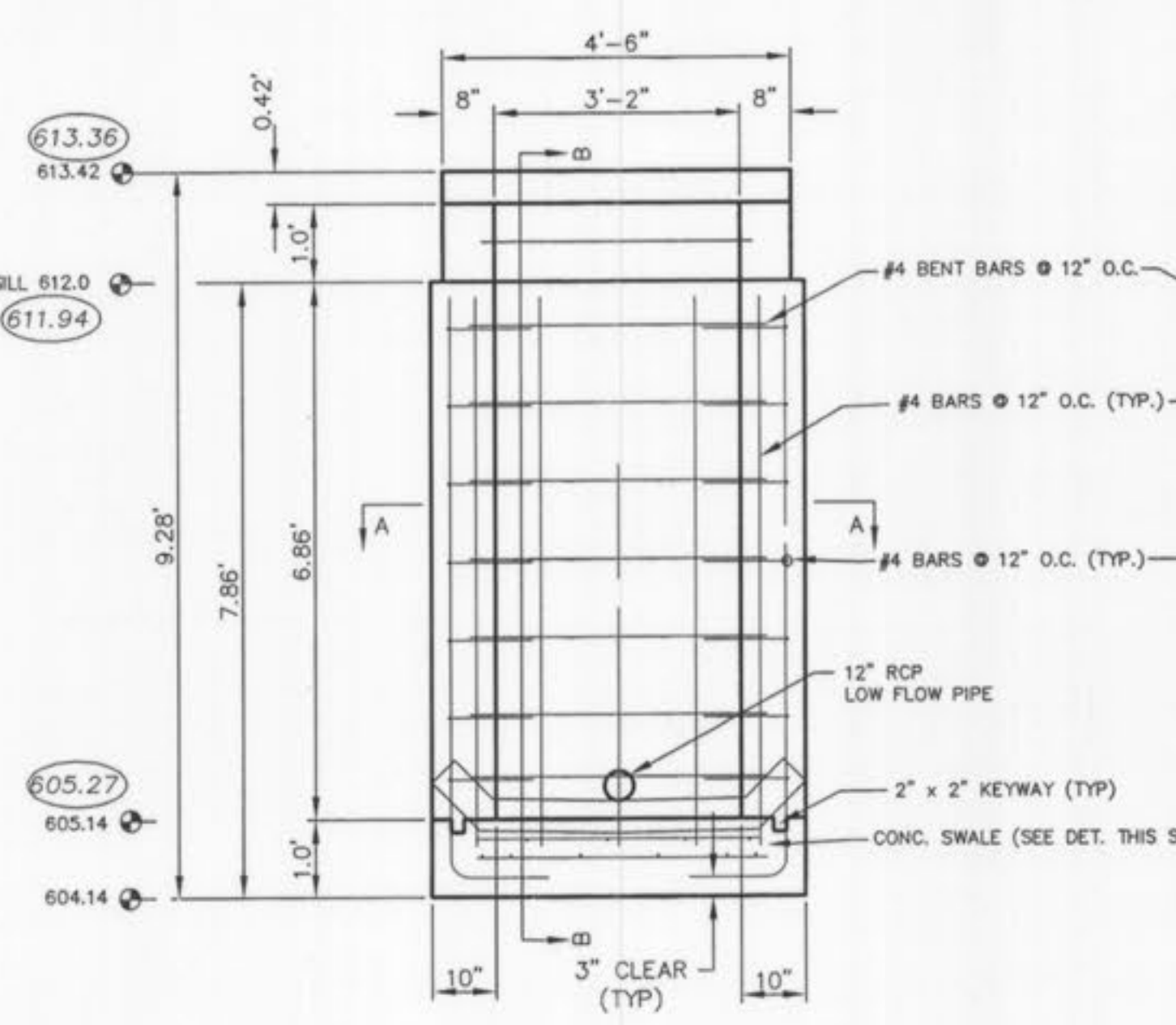


OUTFALL STRUCTURE 8
SECTION B-B
N.T.S.

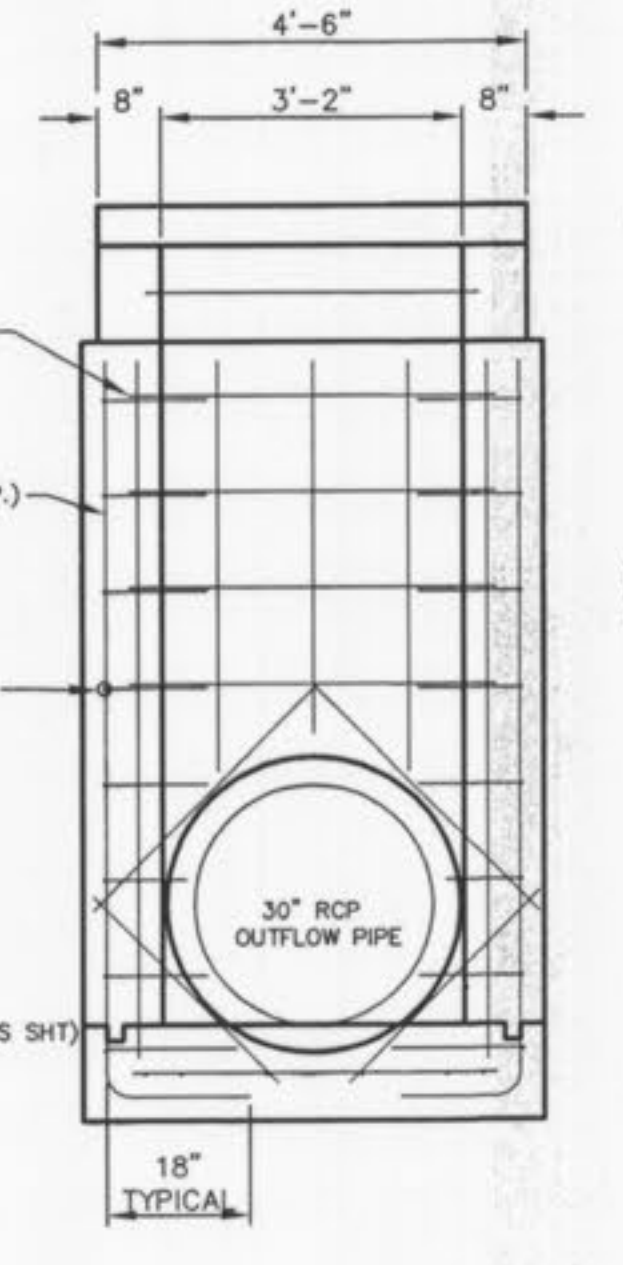


OUTFALL STRUCTURE 8
SECTION A-A
N.T.S.

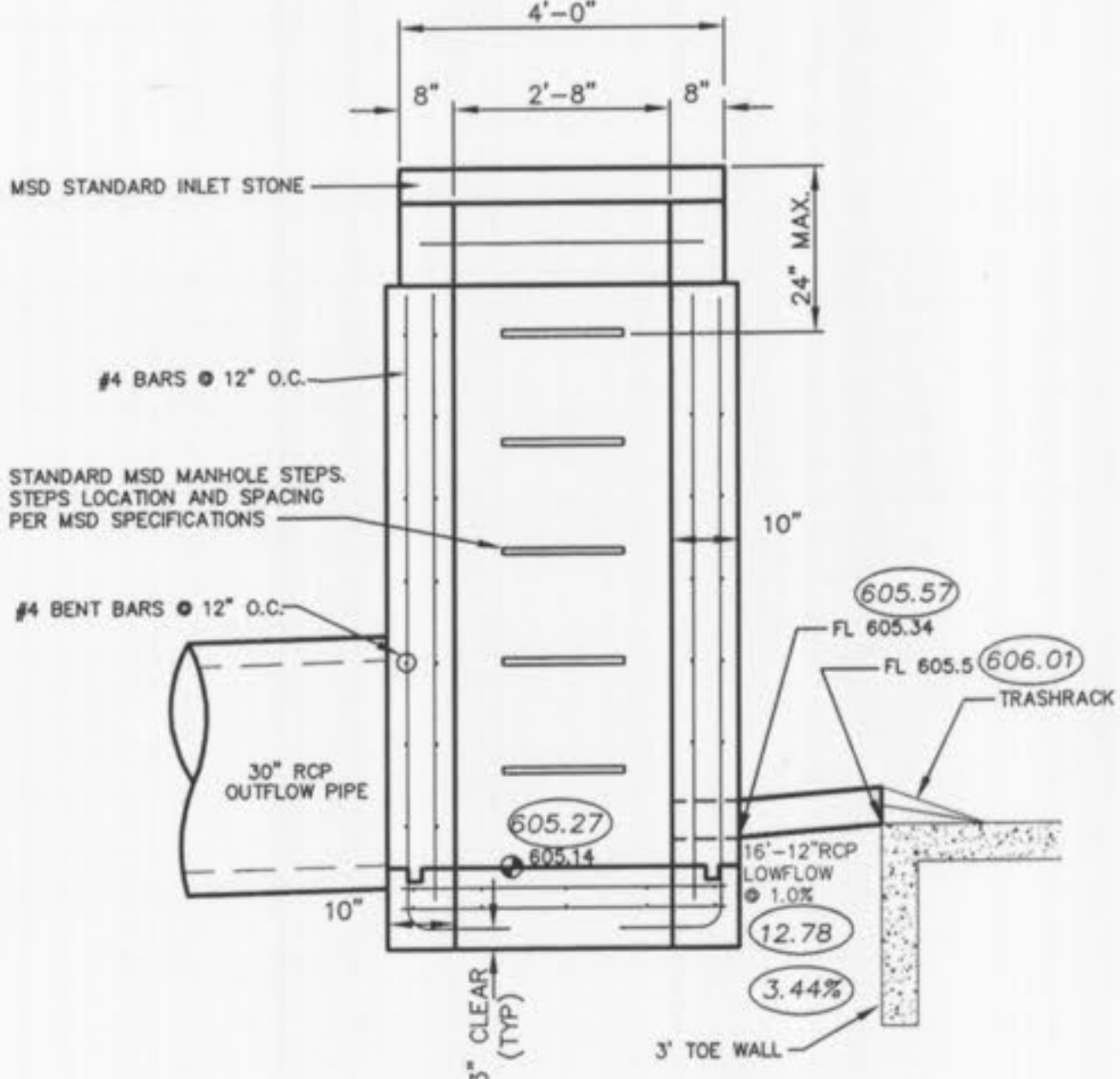
OUTFALL STRUCTURE #8
2 YEAR, 20 HOUR STORM 620.23
15 YEAR, 20 HOUR STORM 621.21
25 YEAR, 20 HOUR STORM 621.77
100 YEAR, 20 HOUR STORM 622.55
100 YEAR, 20 MIN. STORM BLOCKED LOW FLOW = 623.61



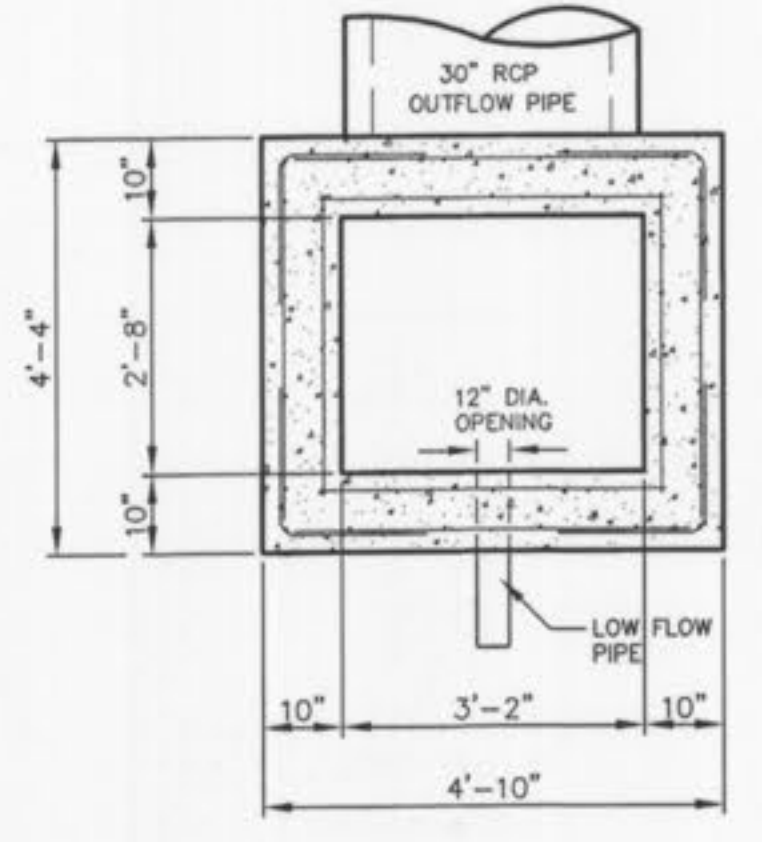
OUTFALL STRUCTURE 92
FRONT ELEVATION
N.T.S.



OUTFALL STRUCTURE 92
REAR ELEVATION
N.T.S.

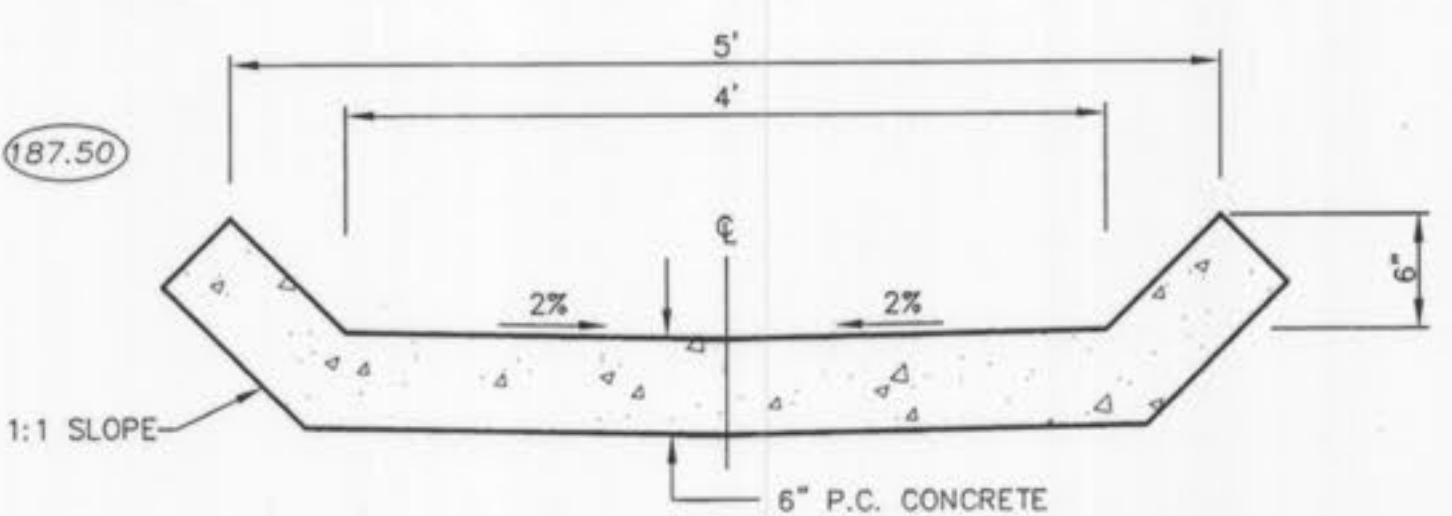


OUTFALL STRUCTURE 92
SECTION B-B
N.T.S.



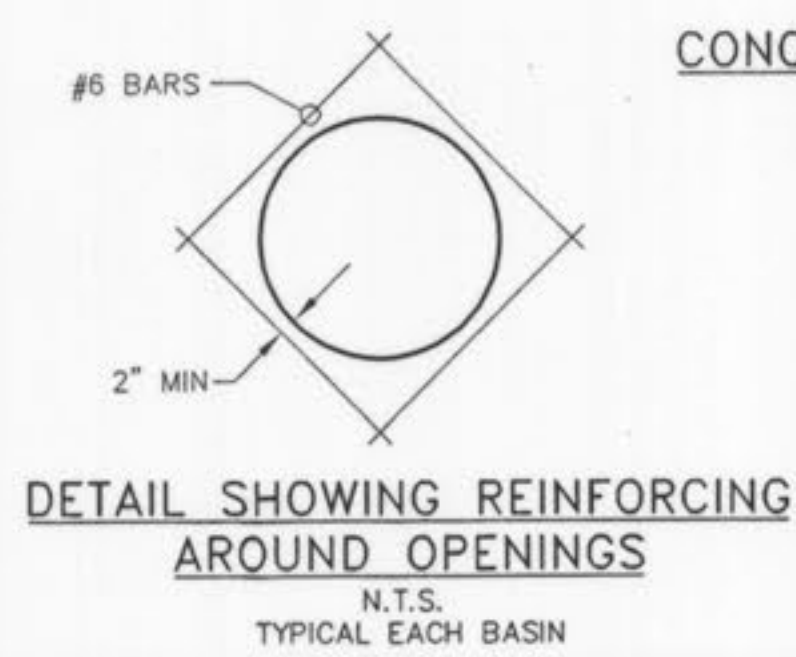
OUTFALL STRUCTURE 92
SECTION A-A
N.T.S.

OUTFALL STRUCTURE #92
2 YEAR, 20 HOUR STORM 609.75
15 YEAR, 20 HOUR STORM 611.42
25 YEAR, 20 HOUR STORM 612.25
100 YEAR, 20 HOUR STORM 612.82
100 YEAR, 20 MIN. STORM BLOCKED LOW FLOW = 613.28

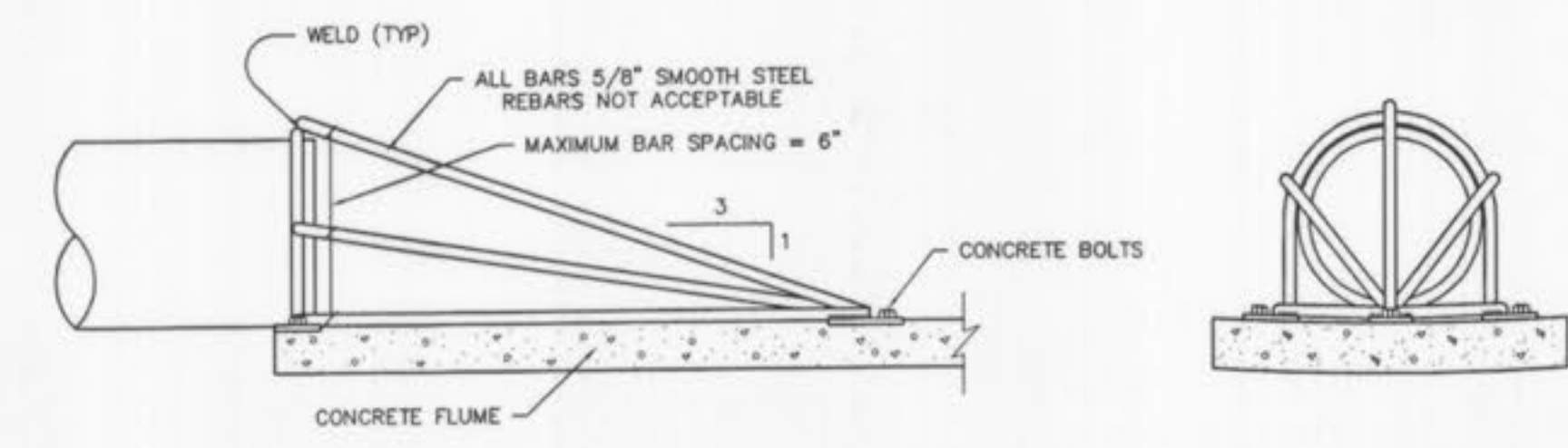


CONCRETE SWALE DETAIL
N.T.S.
TYPICAL EACH BASIN

- CONSTRUCTION NOTES:**
- CONCRETE FOR THE STRUCTURE SHALL BE "AIR ENTRAINED" AND CONTAIN AT LEAST 6 SACK CLASS "A" PORTLAND CEMENT PER CUBIC YARD. THE CONCRETE SHALL BE PLACED AT A SLUMP OF 4 INCHES ± 1/2 INCH. THE CONCRETE SHALL BE PROPORTIONED AND TRANSPORTED IN ACCORDANCE WITH ASTM C-94.
 - REINFORCING STEEL SHALL CONFORM TO ASTM C-615-60 WITH DEFORMATIONS CONFORMING TO ASTM A-305 AND SHALL HAVE A MINIMUM COVER OF 2 INCHES EXCEPT FOR 3 INCHES WHERE CONCRETE IS POURED AGAINST EARTH.
 - LAPS AND/OR SPLICES IN REINFORCING STEEL SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
 - KEYED JOINTS SHOWN ARE TO BE 2-INCH BY 2-INCH KEYED CONSTRUCTION JOINTS.
 - FY = 60,000 PSI
 - FC = 3,500 PSI
 - ALL EXPOSED EDGES ARE TO HAVE A 3/4-INCH CHAMFER.
 - CONTRACTOR TO PROVIDE FOR BYPASS OF STORMWATER DURING CONSTRUCTION OF STRUCTURE.
 - SOIL DENSITY TESTS SHALL BE OBTAINED BY THE SOILS ENGINEER AT SELECTED INTERVALS TO INSURE COMPLIANCE WITH SOILS SPECIFICATIONS.
 - ALL SOIL SPECIFICATIONS SHALL BE DIRECTED BY SOILS ENGINEER.
 - 2" CLEAR (TYP) TO CLOSEST REBAR TO CONCRETE SURFACE, UNLESS NOTED OTHERWISE.



DETAIL SHOWING REINFORCING
AROUND OPENINGS
N.T.S.
TYPICAL EACH BASIN



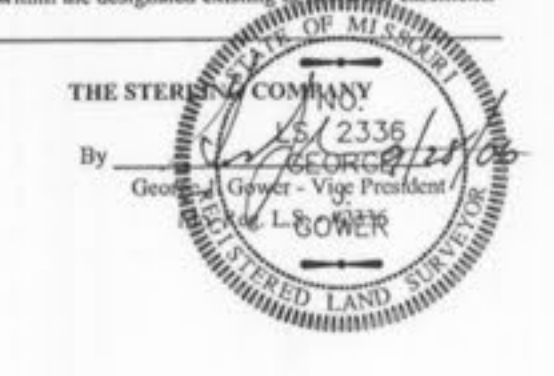
ASSEMBLY BY FIELD WELD

TRASH RACK
N.T.S.

AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAT

As of _____ I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured, the results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing _____ easements except as follows:



THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo.

ISSUE	REMARKS/DATE
10	CITY COMMENTS/02-03-06
11	CITY COMMENTS/02-15-06
3	DCSD COMMENTS/09-29-05
4	DCSD COMMENTS/10-13-05
5	DCSD AND CITY COMMENTS/11-14-05
6	CITY COMMENTS/11-22-05
7	CITY COMMENTS/12-30-05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

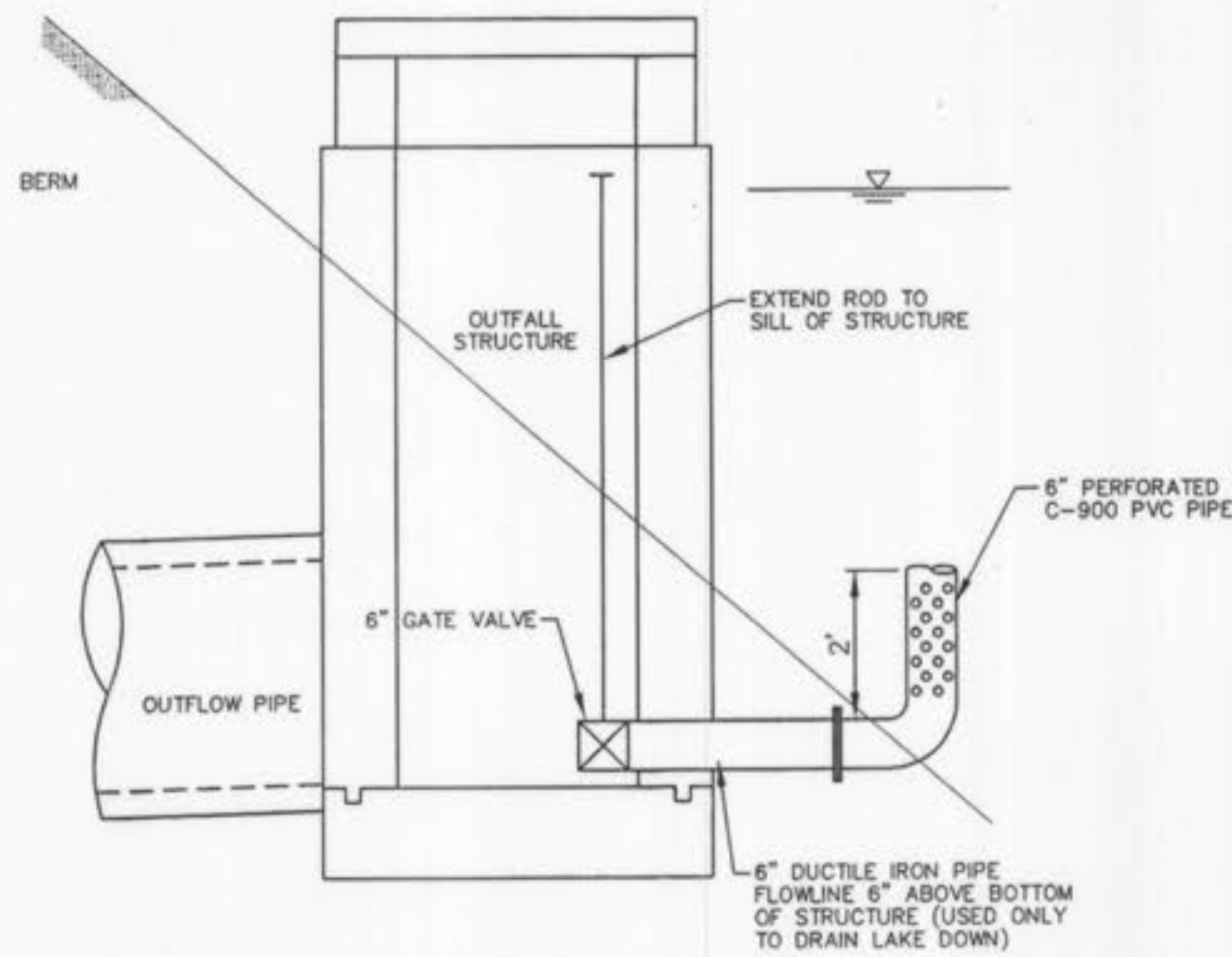
PREPARED FOR:

CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

PREPARED BY:

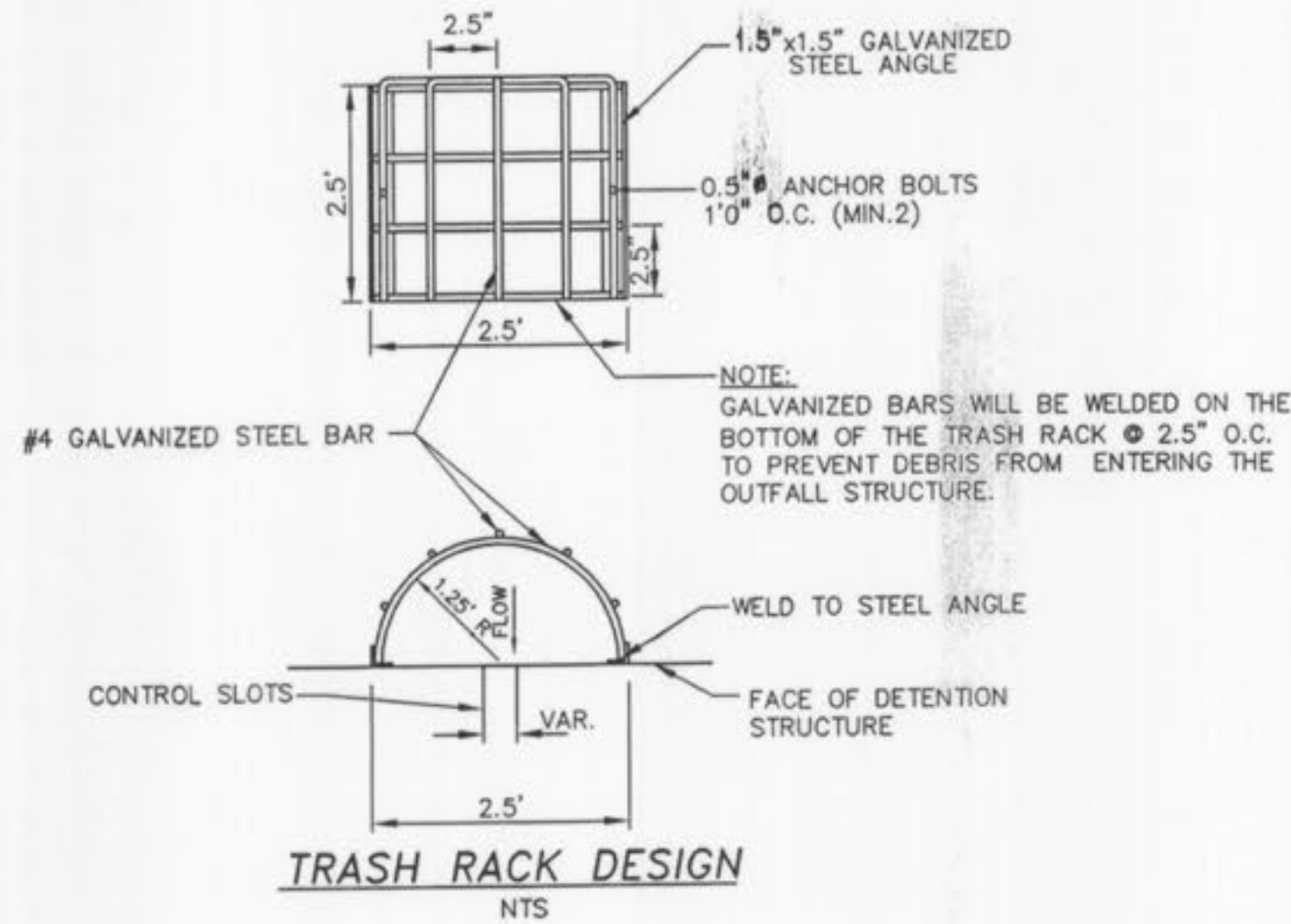
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BAUMARTNER ROAD
ST. LOUIS, MISSOURI 63112
(314) 487-0440 FAX 487-5944
E-Mail: Sterling@sterling-eng-survey.com

DRAWN:	DESIGNED:	CHECKED:
PROJECT:	COUNTRYSHIRE	
SHEET TITLE:	OUTFALL STRUCTURE DETAILS	
NO. 02	12	311
M.S.D.	SHEET	
P#	10.1	
DISTRICT FILE LOCATION	OF	



**OUTFALL STRUCTURE 29
DRAIN DETAIL**
N.T.S.

OUTFALL STRUCTURE #29 & 29A
 2 YEAR, 20 MIN. STORM 601.41
 15 YEAR, 20 MIN. STORM 602.21
 25 YEAR, 20 MIN. STORM 602.63
 100 YEAR, 20 MIN. STORM 603.04
 100 YEAR, 20 MIN. STORM BLOCKED LOW FLOW = 603.54



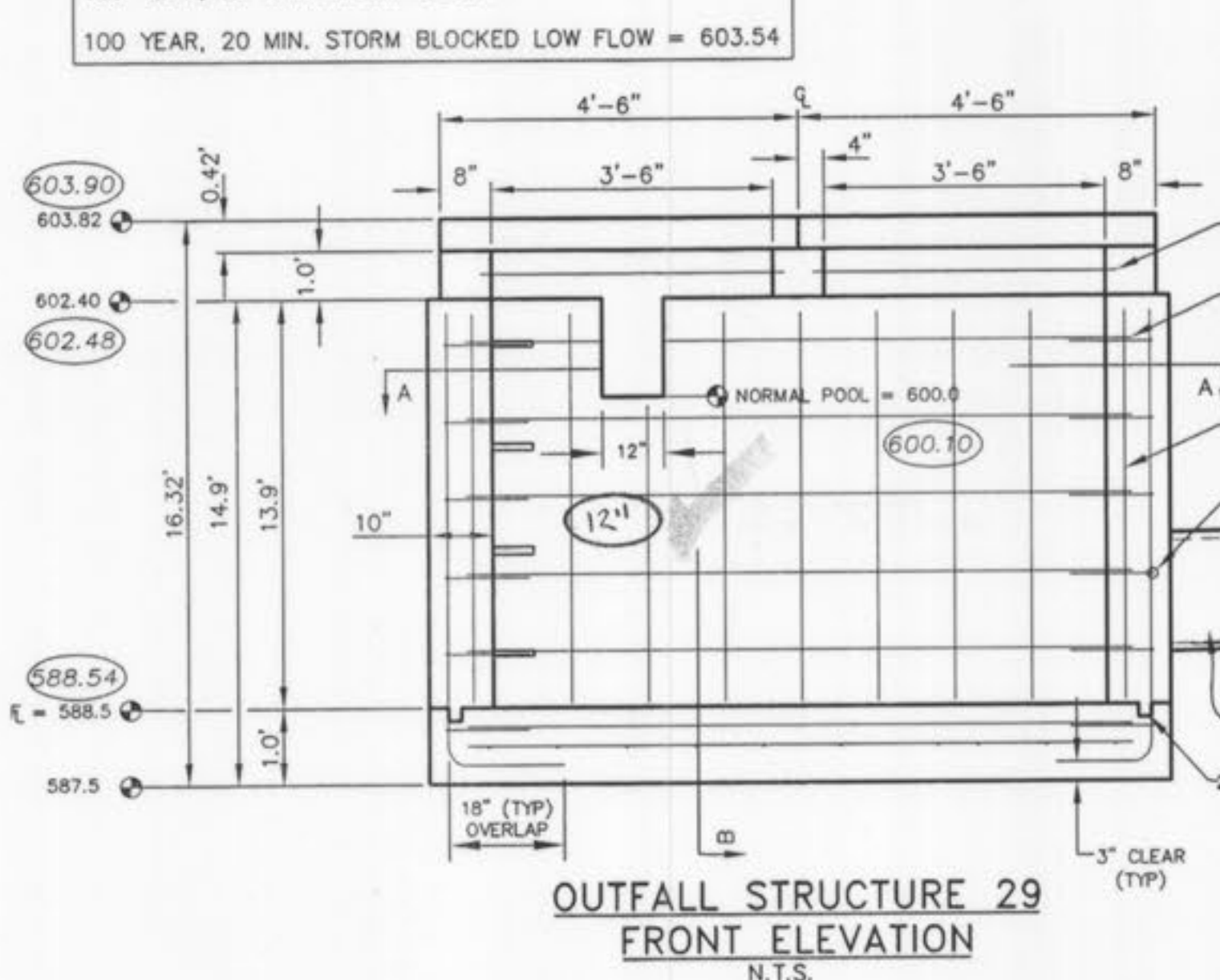
CONSTRUCTION NOTES:

1. CONCRETE FOR THE STRUCTURE SHALL BE "AIR ENTRAINED" AND CONTAIN AT LEAST 6 SACK CLASS "A" PORTLAND CEMENT PER CUBIC YARD. THE CONCRETE SHALL BE PLACED AT A SLUMP OF 4 INCHES ± 1/2 INCH. THE CONCRETE SHALL BE PROPORTIONED AND TRANSPORTED IN ACCORDANCE WITH ASTM C-94.
2. REINFORCING STEEL SHALL CONFORM TO ASTM C-615-60 WITH DEFORMATIONS CONFORMING TO ASTM A-305 AND SHALL HAVE A MINIMUM COVER OF 2 INCHES EXCEPT FOR 3 INCHES WHERE CONCRETE IS POURED AGAINST EARTH.
3. LAPS AND/OR SPLICES IN REINFORCING STEEL SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
4. KEYED JOINTS SHOWN ARE TO BE 2-INCH BY 2-INCH KEYED CONSTRUCTION JOINTS.
5. FY = 60,000 PSI
6. FC = 3,500 PSI
7. ALL EXPOSED EDGES ARE TO HAVE A 3/4-INCH CHAMFER.
8. CONTRACTOR TO PROVIDE FOR BYPASS OF STORMWATER DURING CONSTRUCTION OF STRUCTURE.
9. SOIL DENSITY TESTS SHALL BE OBTAINED BY THE SOILS ENGINEER AT SELECTED INTERVALS TO INSURE COMPLIANCE WITH SOILS SPECIFICATIONS.
10. ALL SOIL SPECIFICATIONS SHALL BE DIRECTED BY SOILS ENGINEER.
11. 2" CLEAR (TYP) TO CLOSEST REBAR TO CONCRETE SURFACE, UNLESS NOTED OTHERWISE.

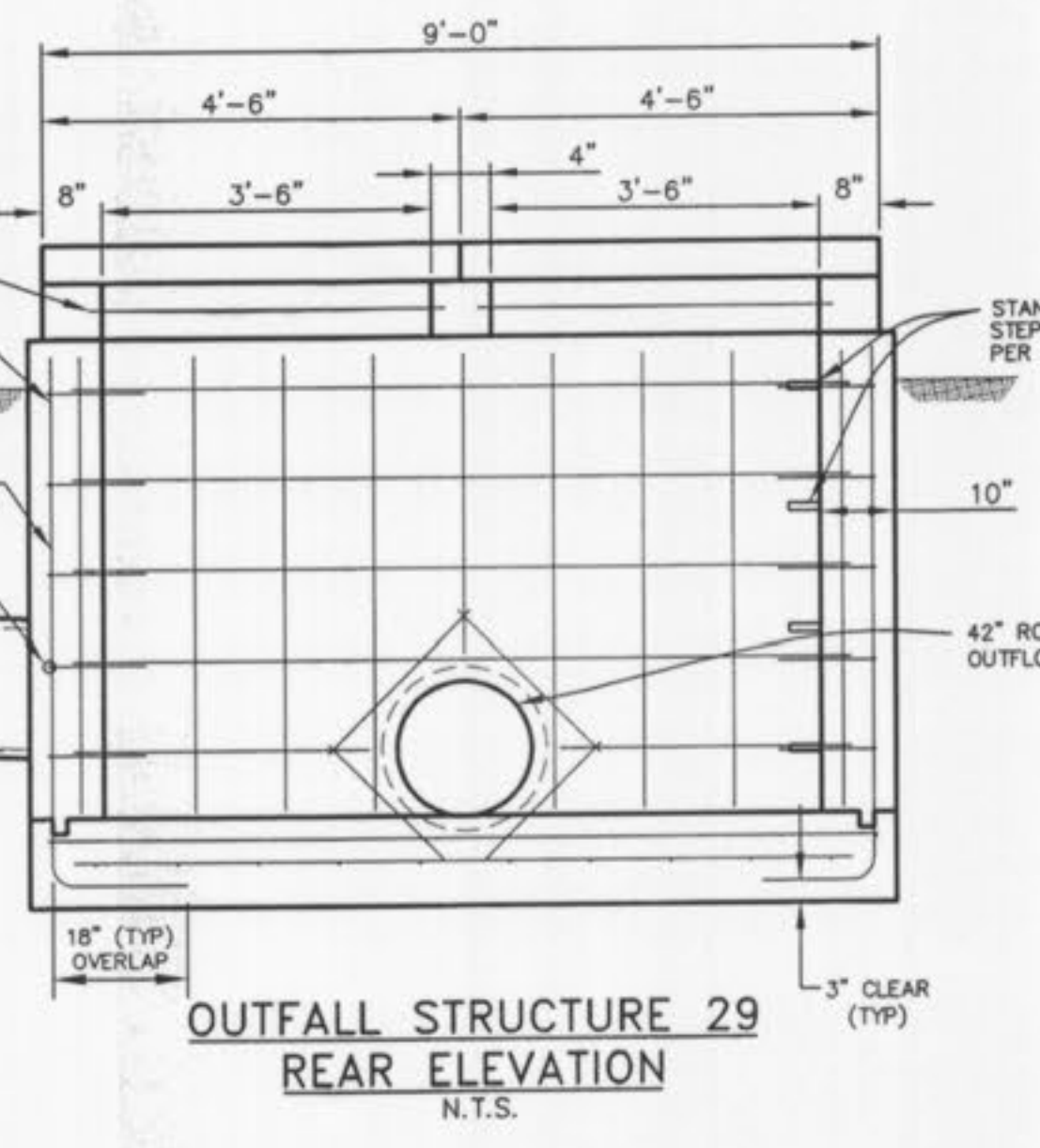
**AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAT**

As of _____, I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured. The results of these measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

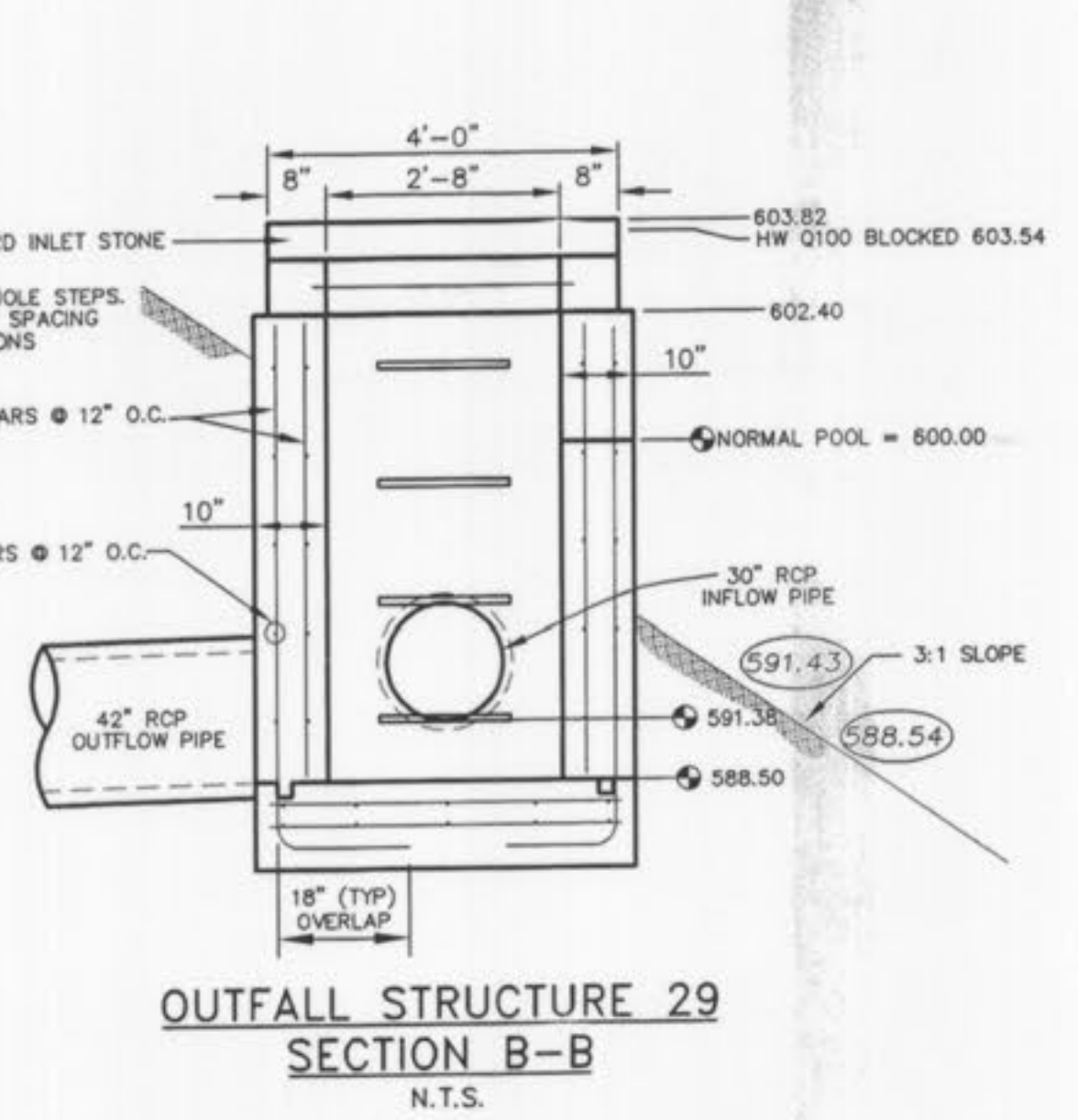
All public sewers are located within the designated existing easements except as follows:



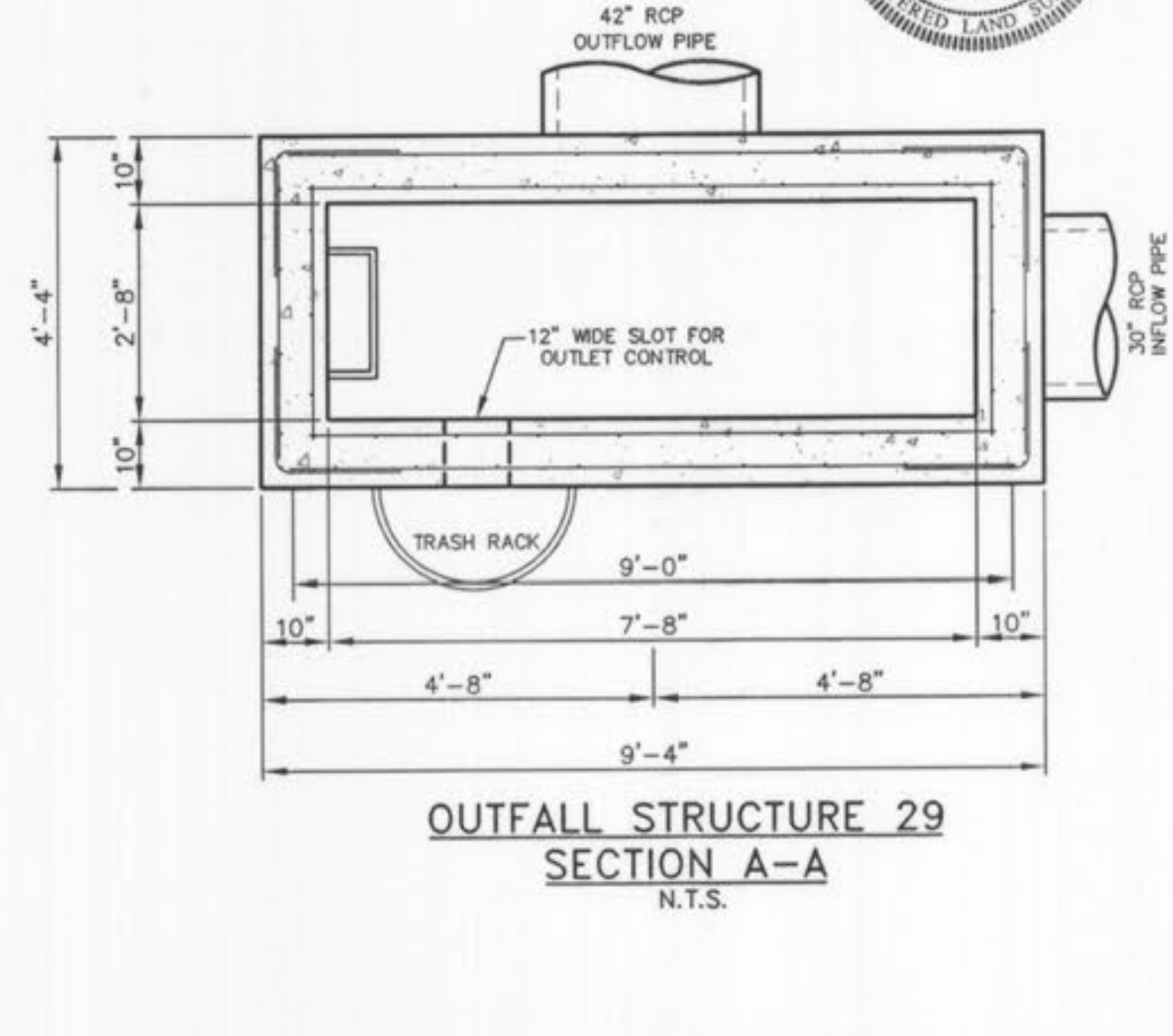
**OUTFALL STRUCTURE 29
FRONT ELEVATION**
N.T.S.



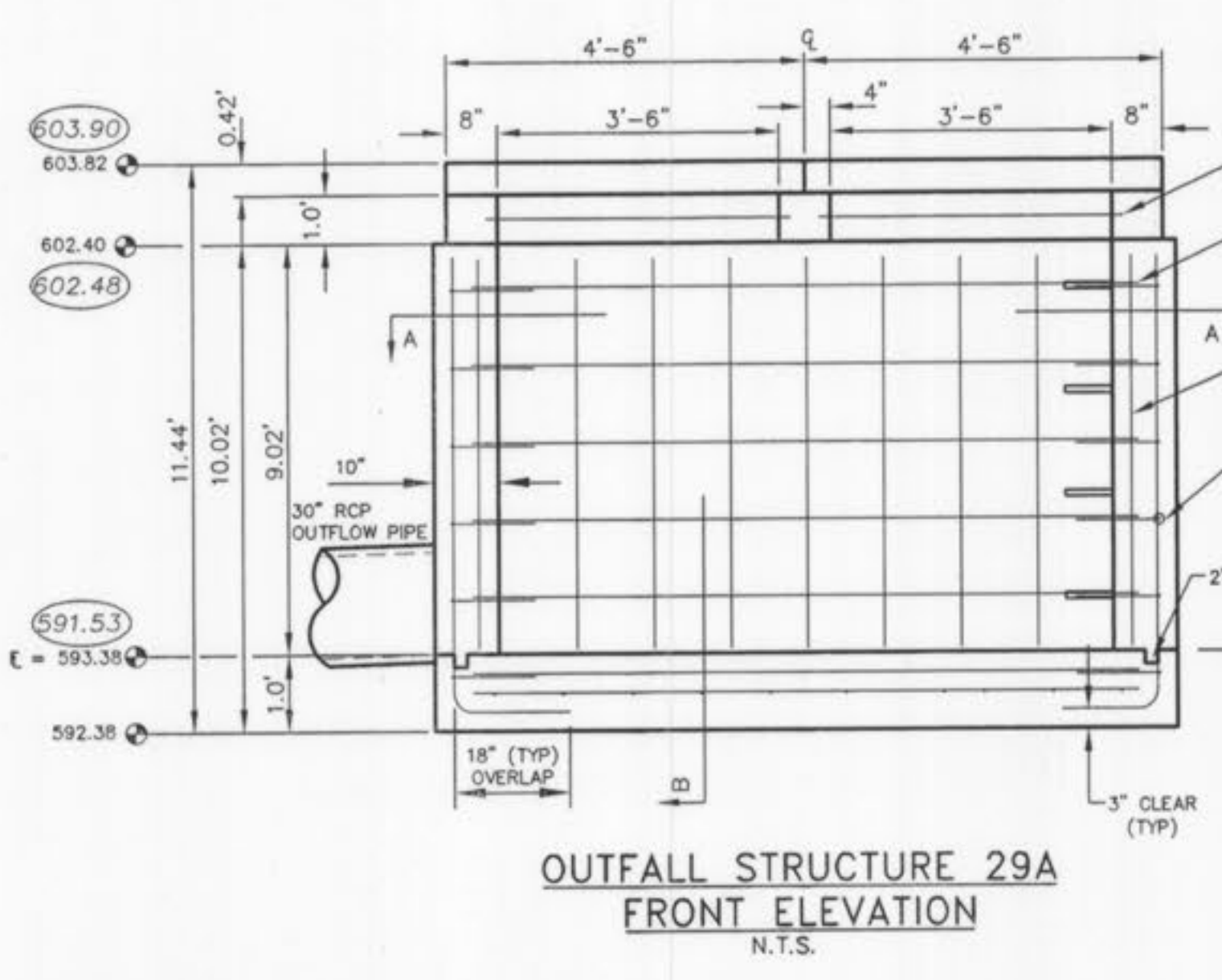
**OUTFALL STRUCTURE 29
REAR ELEVATION**
N.T.S.



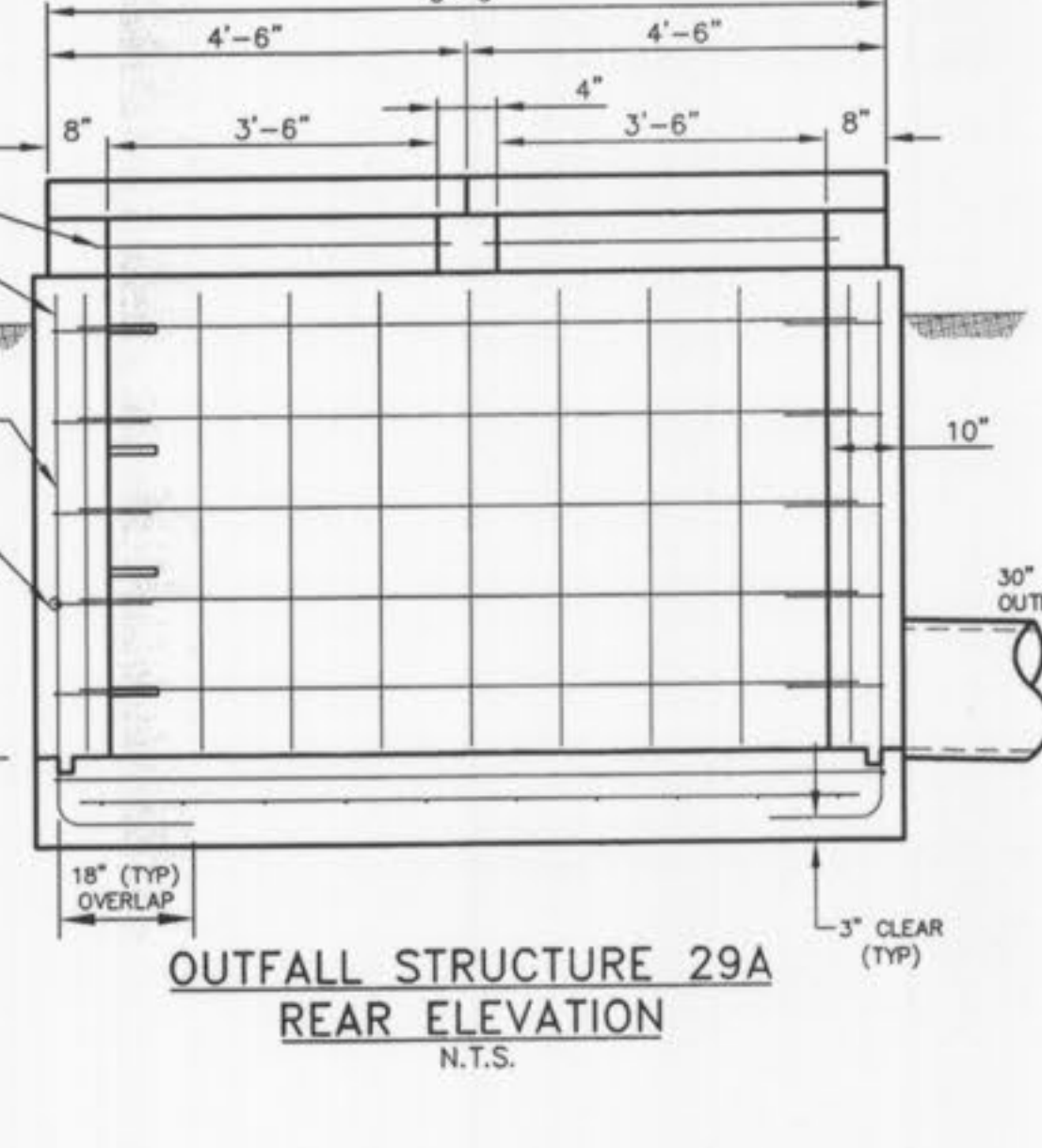
**OUTFALL STRUCTURE 29
SECTION B-B**
N.T.S.



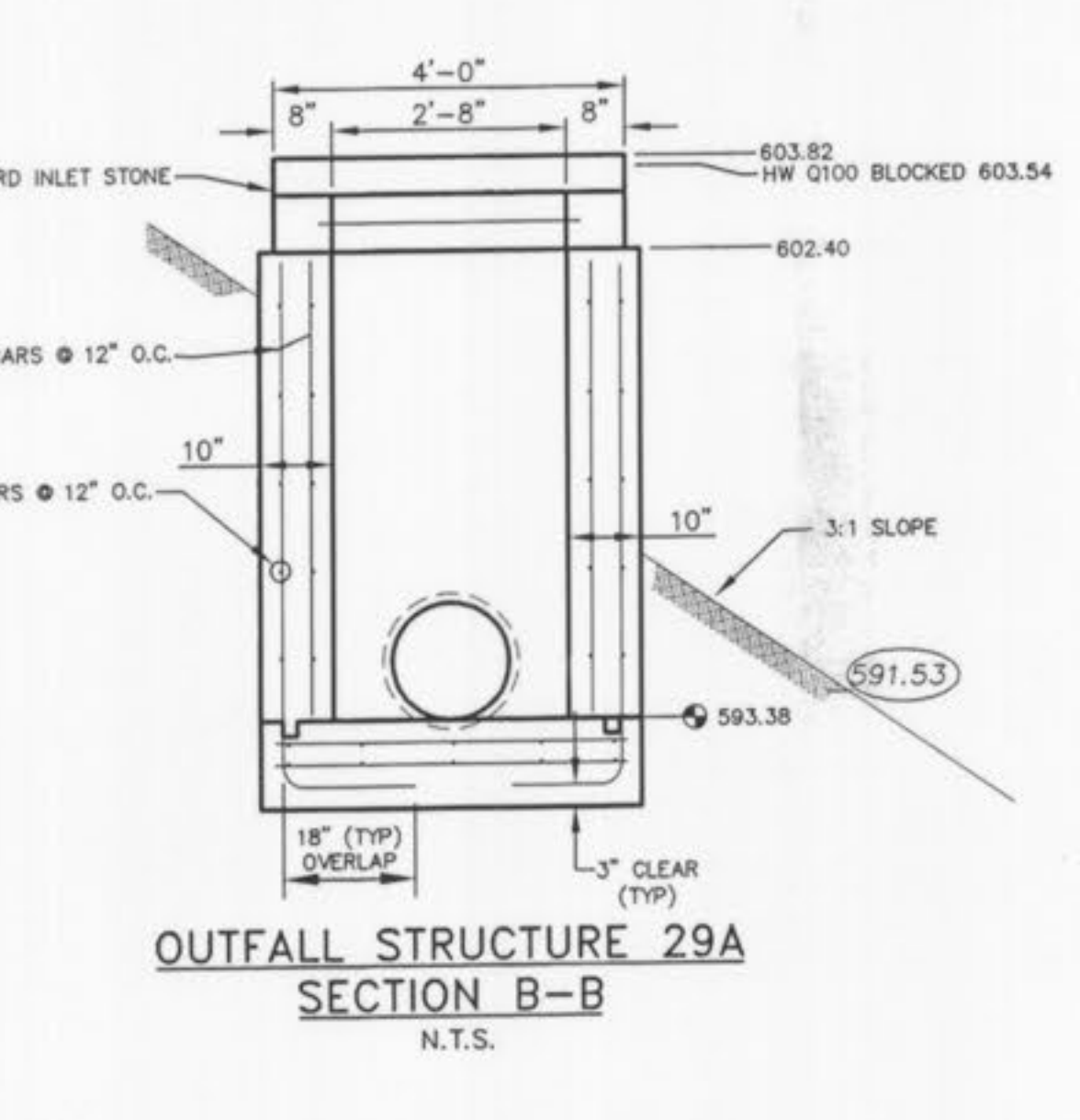
**OUTFALL STRUCTURE 29
SECTION A-A**
N.T.S.



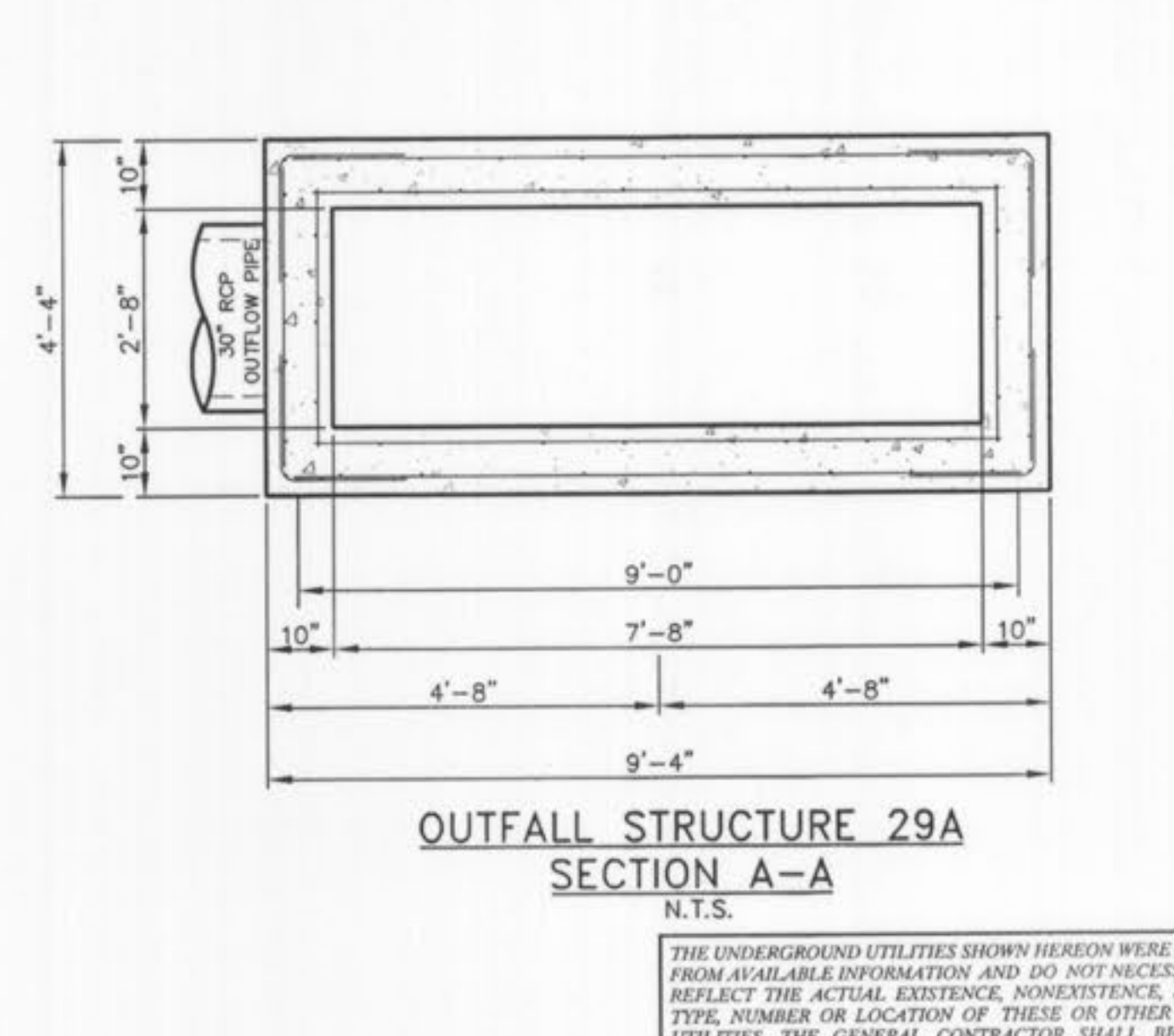
**OUTFALL STRUCTURE 29A
FRONT ELEVATION**
N.T.S.



**OUTFALL STRUCTURE 29A
REAR ELEVATION**
N.T.S.



**OUTFALL STRUCTURE 29A
SECTION B-B**
N.T.S.



**OUTFALL STRUCTURE 29A
SECTION A-A**
N.T.S.

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL, IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo.

BASE MAP

Countryshire storm as built 11/17

Drawing name: G:\SDSKPRD\A0212311_Rhodes\as-built\231105.dwg Plotted on: Oct 17, 2006 - 12:53pm Plotted by: dober

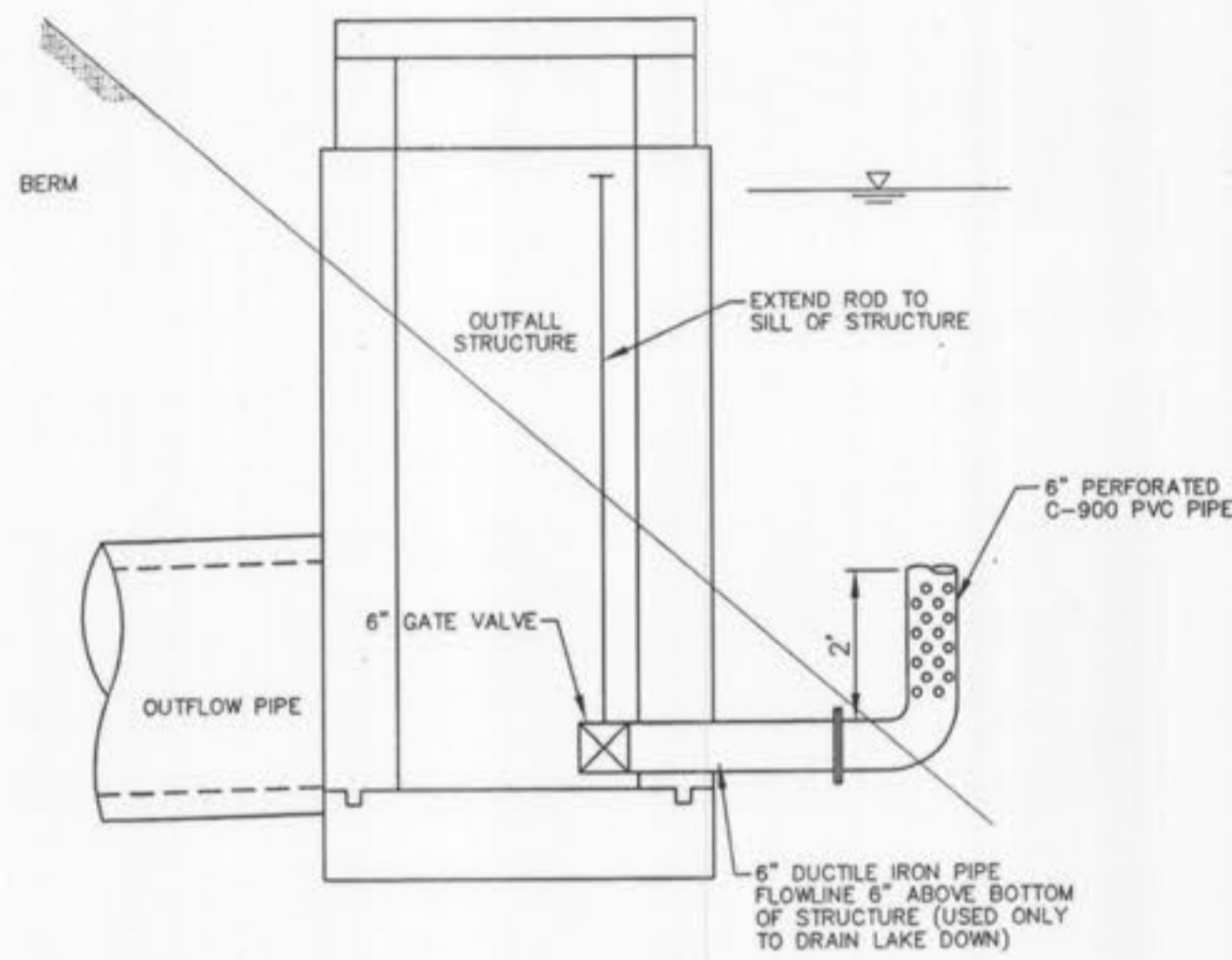
ISSUE	REMARKS/DATE
10	CITY COMMENT 5/02/05/06
11	CITY COMMENT 5/02/05/06
3	DCSD COMMENT 5/02/05/06
4	DCSD COMMENT 5/10/05/05
5	DCSD AND CITY COMMENT 5/11/05/05
6	CITY COMMENT 5/11/05/05
7	CITY COMMENT 5/12/05/05
8	WATER DISTRICT #2 COMMENT 5/01/07/06
9	DEVELOPER REVISION 5/01/24/06

PREPARED FOR:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314) 487-0440 FAX 487-3844
E-Mail: Sterling@sterling-eng-surr.com

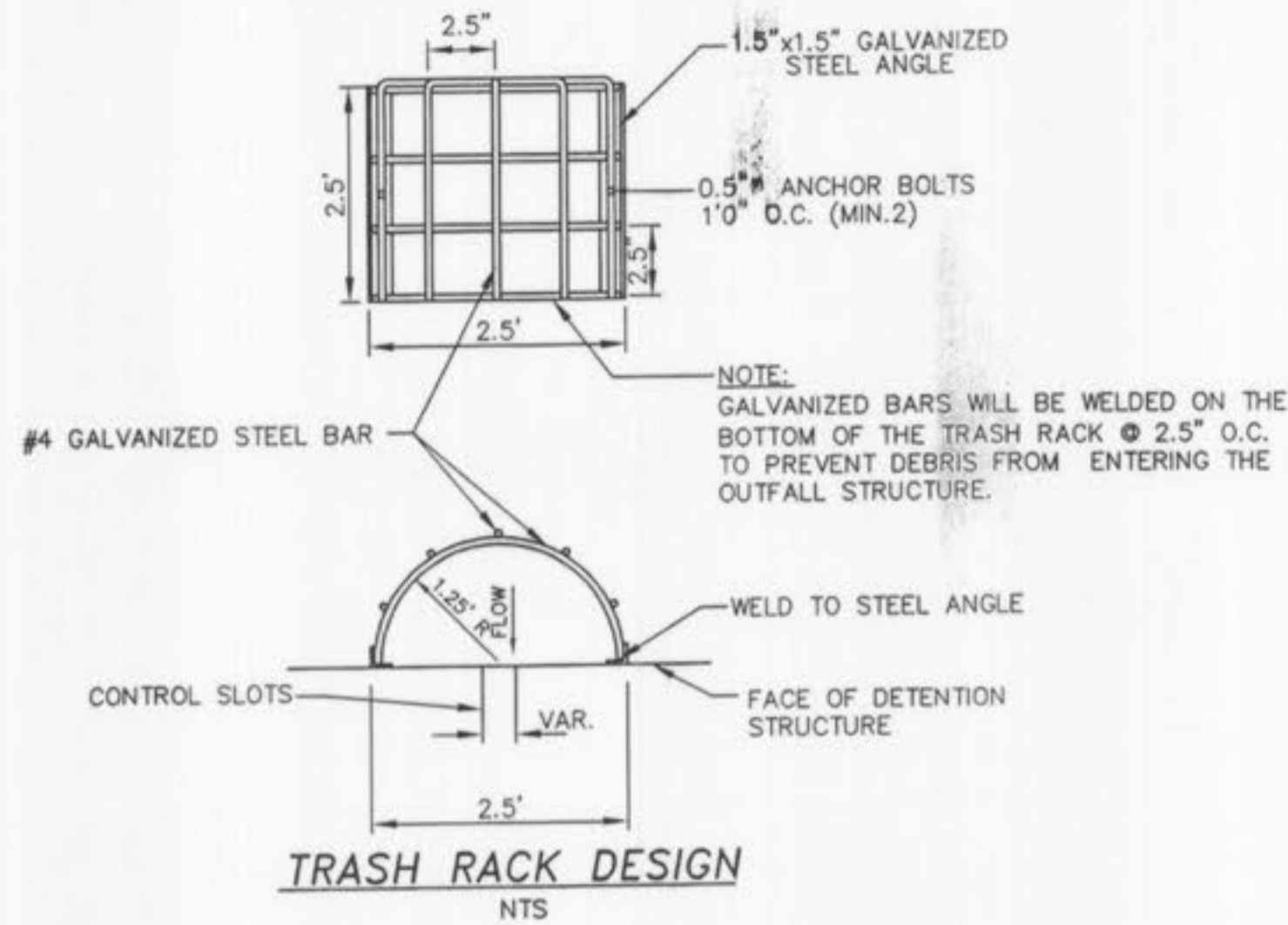
DRAWN: _____
DESIGNED: _____
CHECKED: _____
PROJECT: **COUNTRYSHIRE**
SHEET TITLE: **OUTFALL STRUCTURE DETAILS**

NO. **02 12 311**
M.S.D. SHEET
P# **10.2**
SHEET NO. OF



**OUTFALL STRUCTURE 174
DRAIN DETAIL**
N.T.S.

OUTFALL STRUCTURE #174 & 174A
 2 YEAR, 20 MIN. STORM 607.53
 15 YEAR, 20 MIN. STORM 608.36
 25 YEAR, 20 MIN. STORM 608.83
 100 YEAR, 20 MIN. STORM 609.25
 100 YEAR, 20 MIN. STORM BLOCKED LOW FLOW = 609.91



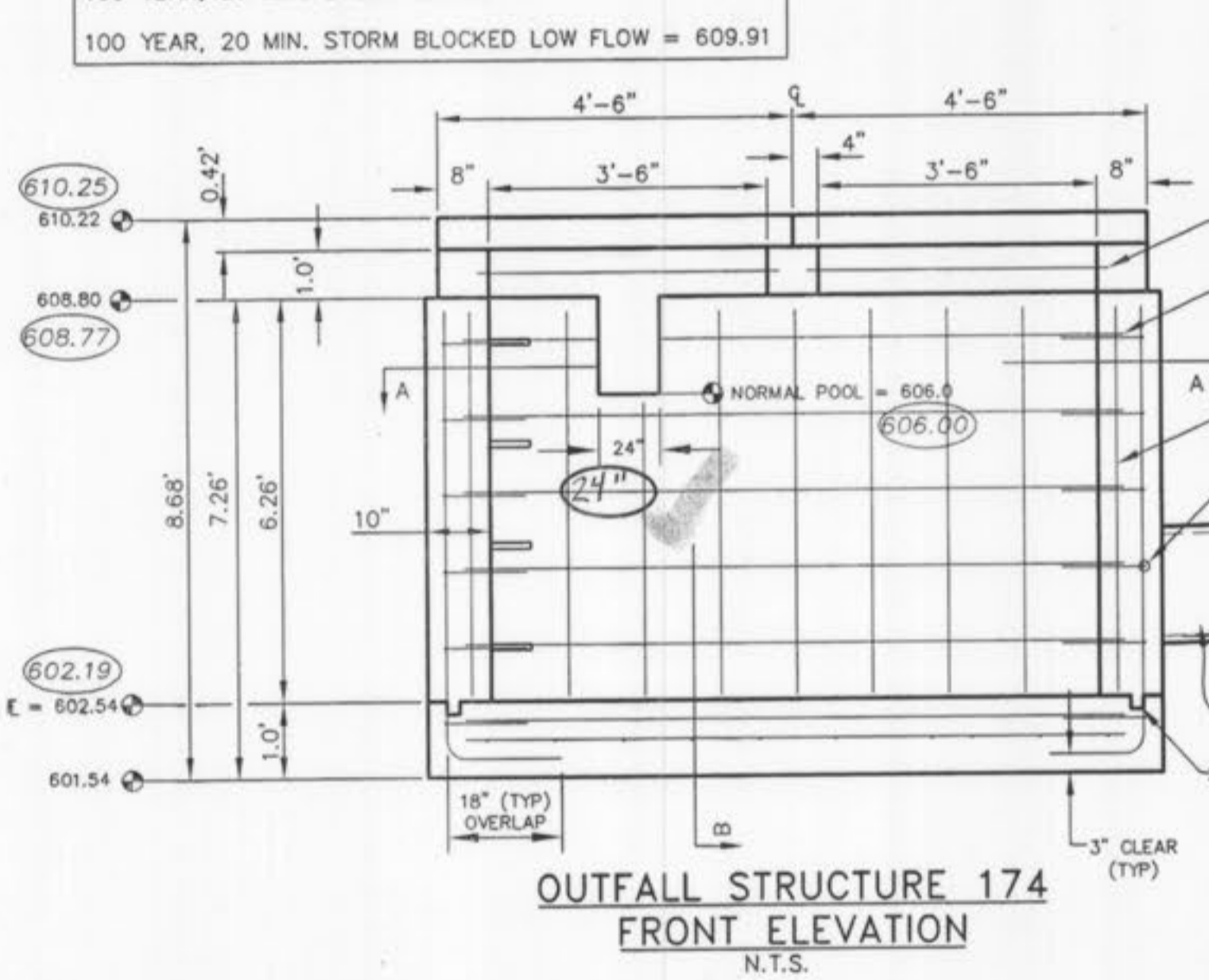
TRASH RACK DESIGN
N.T.S.

- CONSTRUCTION NOTES:**
1. CONCRETE FOR THE STRUCTURE SHALL BE "AIR ENTRAINED" AND CONTAIN AT LEAST 8 SACK CLASS "A" PORTLAND CEMENT PER CUBIC YARD. THE CONCRETE SHALL BE PLACED AT A SLUMP OF 4 INCHES ± 1/2 INCH. THE CONCRETE SHALL BE PROPORTIONED AND TRANSPORTED IN ACCORDANCE WITH ASTM C-94.
 2. REINFORCING STEEL SHALL CONFORM TO ASTM C-615-60 WITH DEFORMATIONS CONFORMING TO ASTM A-305 AND SHALL HAVE A MINIMUM COVER OF 2 INCHES EXCEPT FOR 3 INCHES WHERE CONCRETE IS POURED AGAINST EARTH.
 3. LAPS AND/OR SPLICES IN REINFORCING STEEL SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
 4. KEYED JOINTS SHOWN ARE TO BE 2-INCH BY 2-INCH KEYED CONSTRUCTION JOINTS.
 5. FY = 60,000 PSI
 6. FC = 3,500 PSI
 7. ALL EXPOSED EDGES ARE TO HAVE A 3/4-INCH CHAMFER.
 8. CONTRACTOR TO PROVIDE FOR BYPASS OF STORMWATER DURING CONSTRUCTION OF STRUCTURE.
 9. SOIL DENSITY TESTS SHALL BE OBTAINED BY THE SOILS ENGINEER AT SELECTED INTERVALS TO INSURE COMPLIANCE WITH SOILS SPECIFICATIONS.
 10. ALL SOIL SPECIFICATIONS SHALL BE DIRECTED BY SOILS ENGINEER.
 11. 2" CLEAR (TYP) TO CLOSEST REBAR TO CONCRETE SURFACE, UNLESS NOTED OTHERWISE.

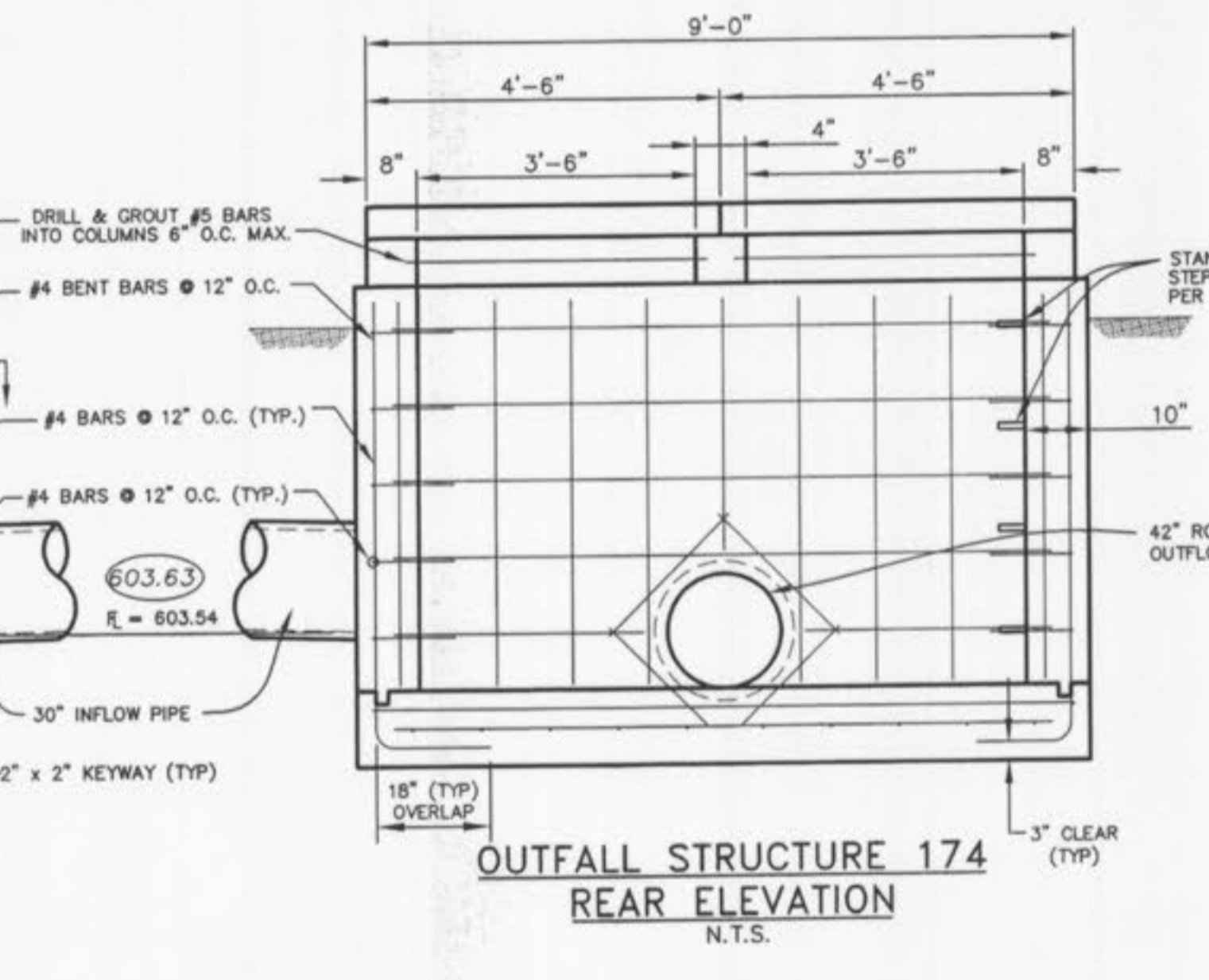
**AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAT**

As of _____, I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured, the results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

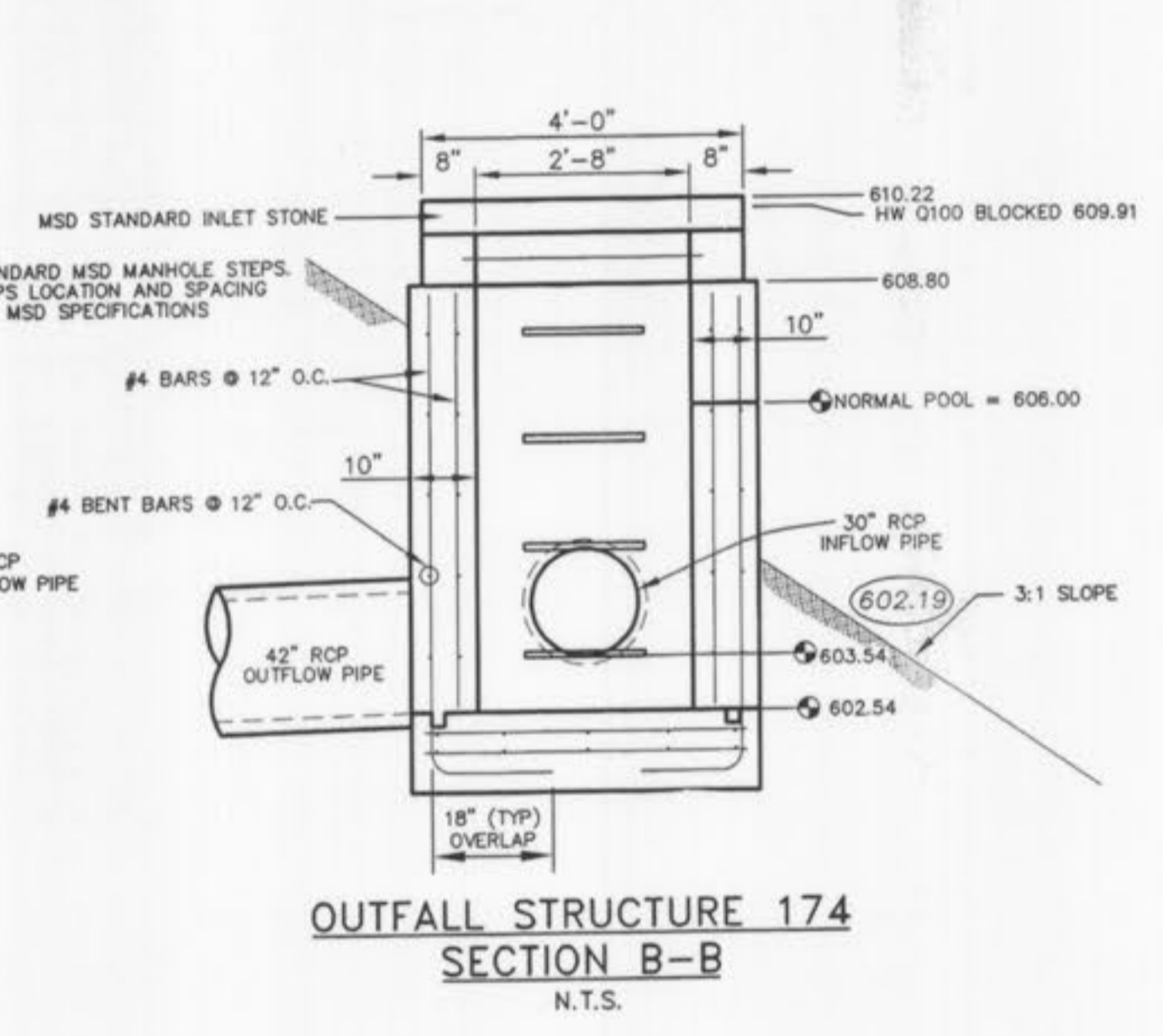
All public sewers are located within the designated existing or proposed easements except as follows:



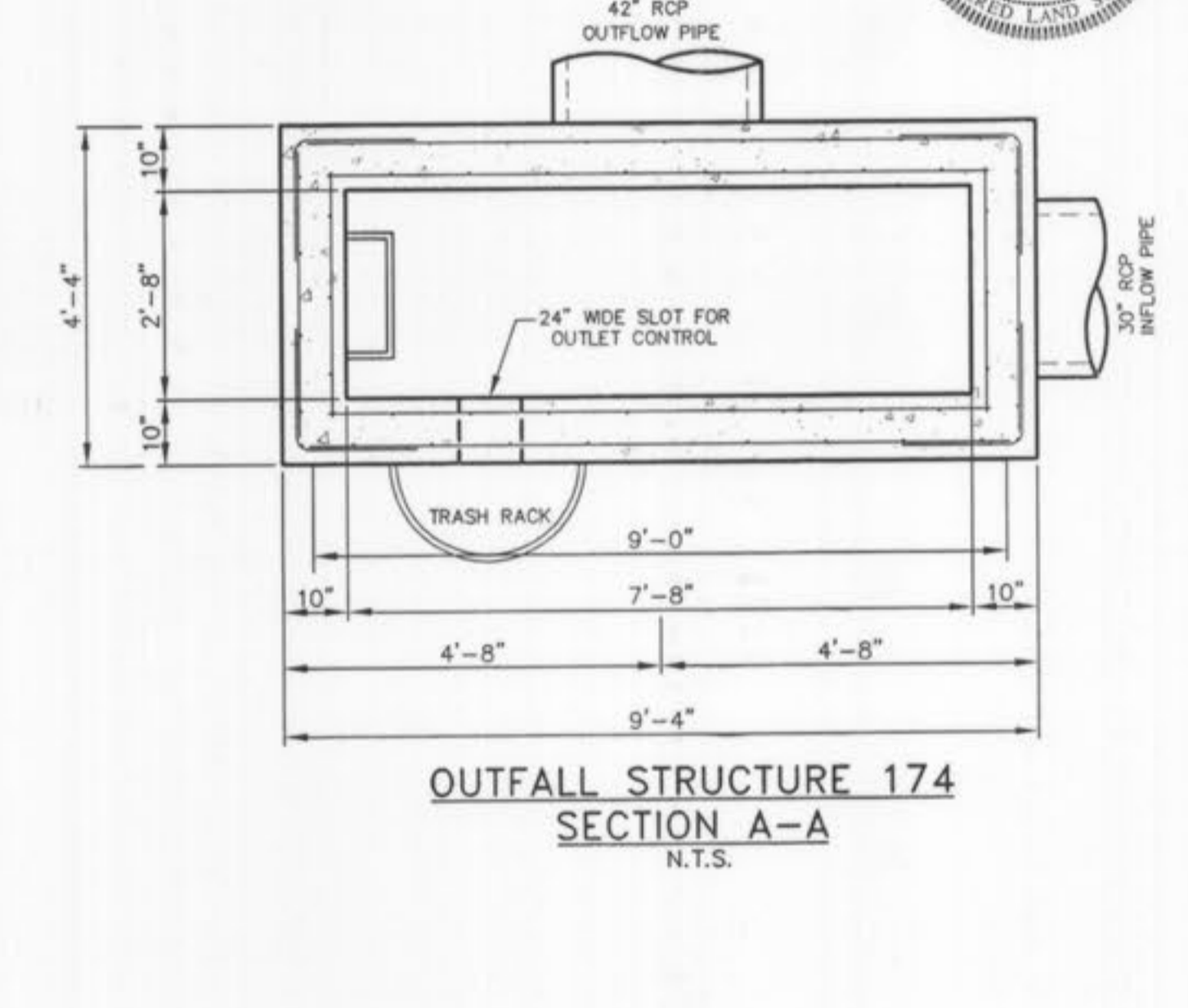
**OUTFALL STRUCTURE 174
FRONT ELEVATION**
N.T.S.



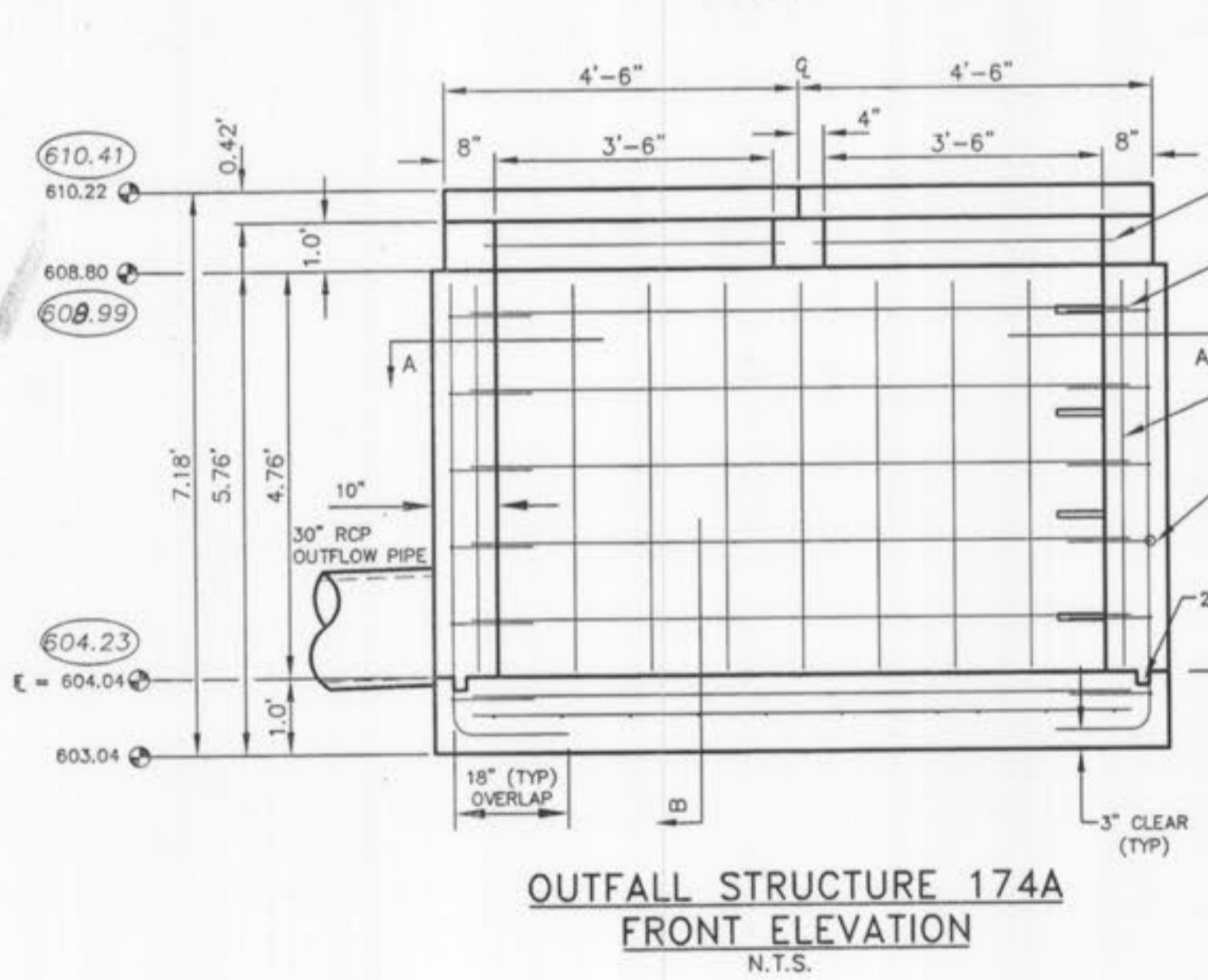
**OUTFALL STRUCTURE 174
REAR ELEVATION**
N.T.S.



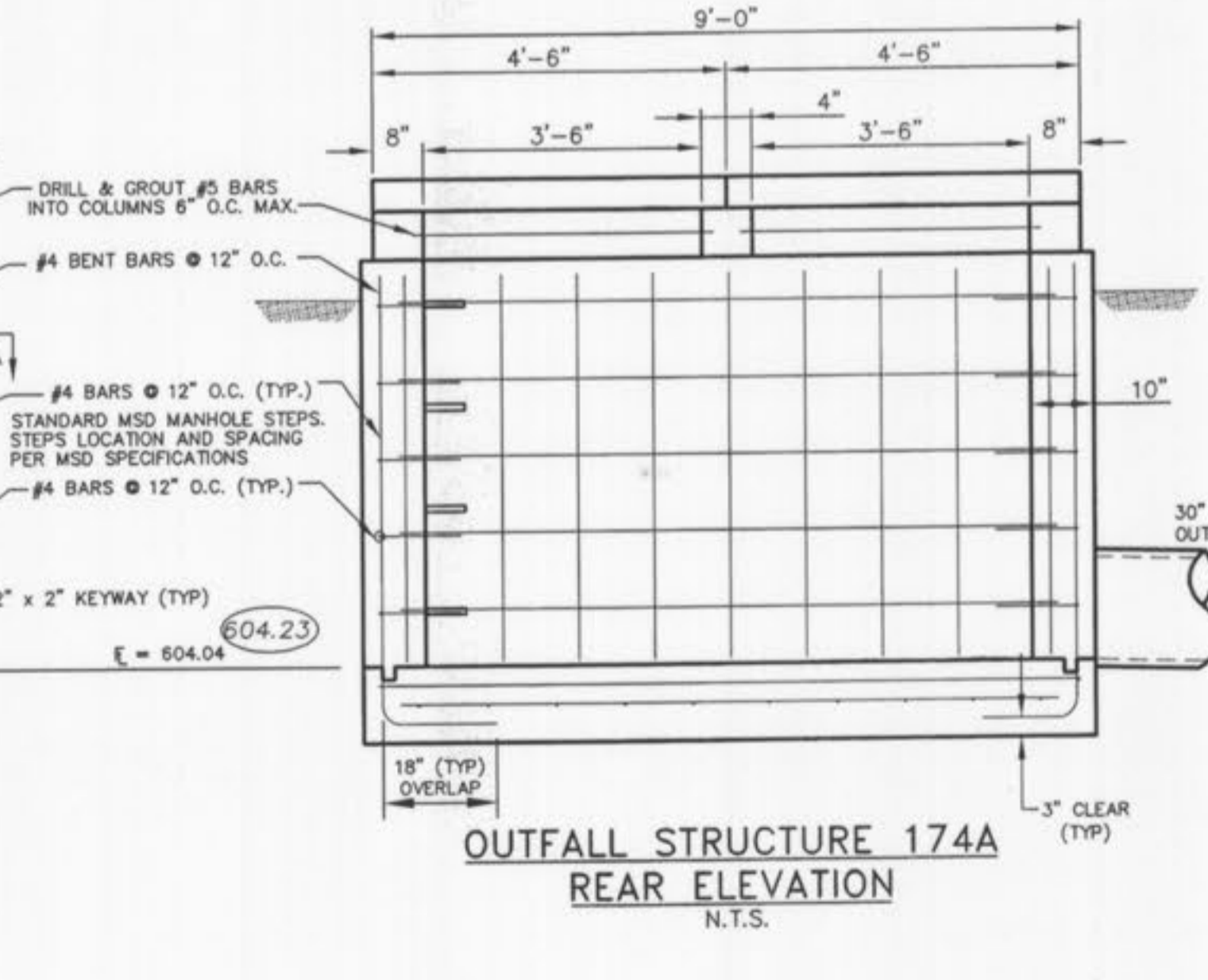
**OUTFALL STRUCTURE 174
SECTION B-B**
N.T.S.



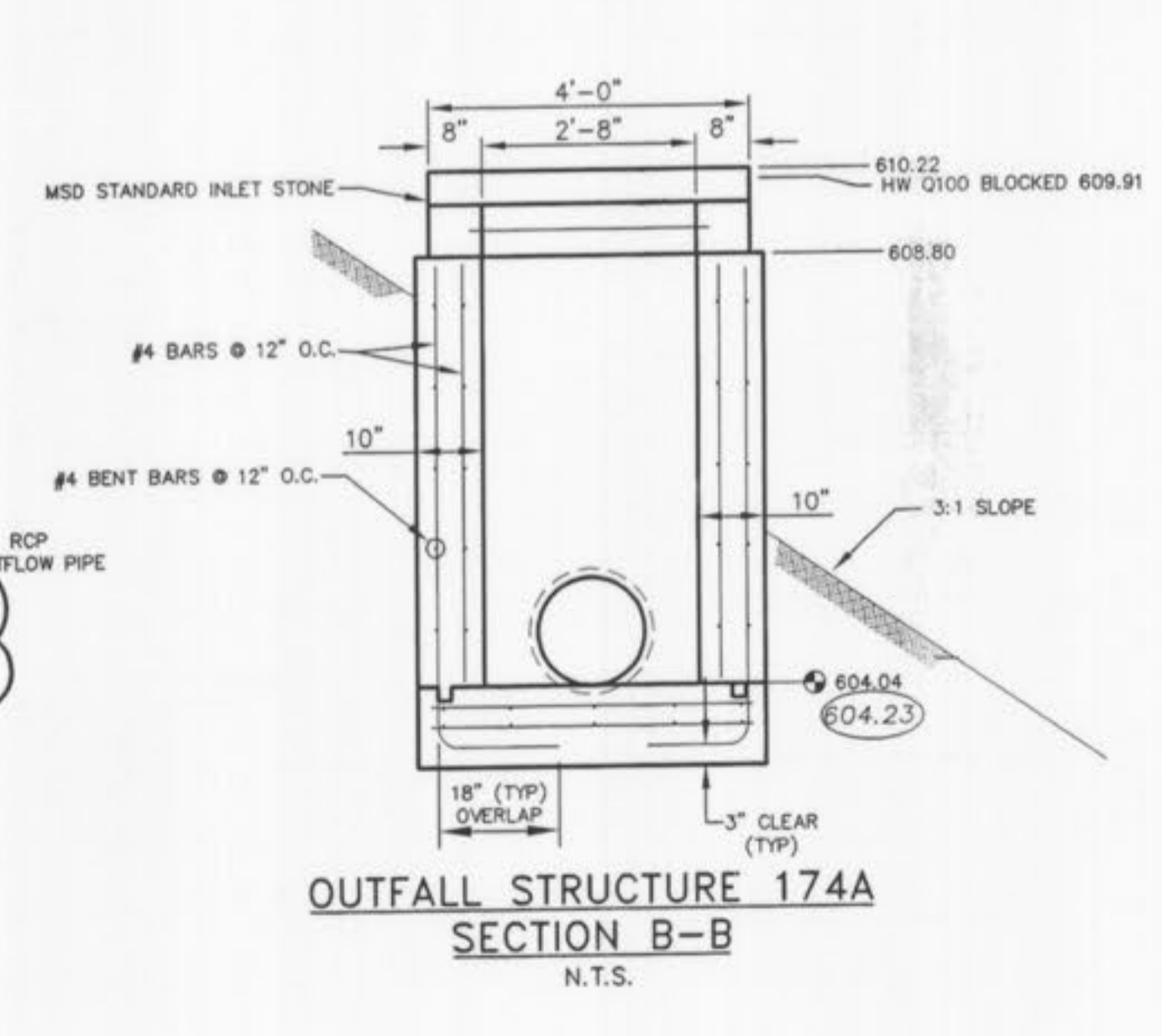
**OUTFALL STRUCTURE 174
SECTION A-A**
N.T.S.



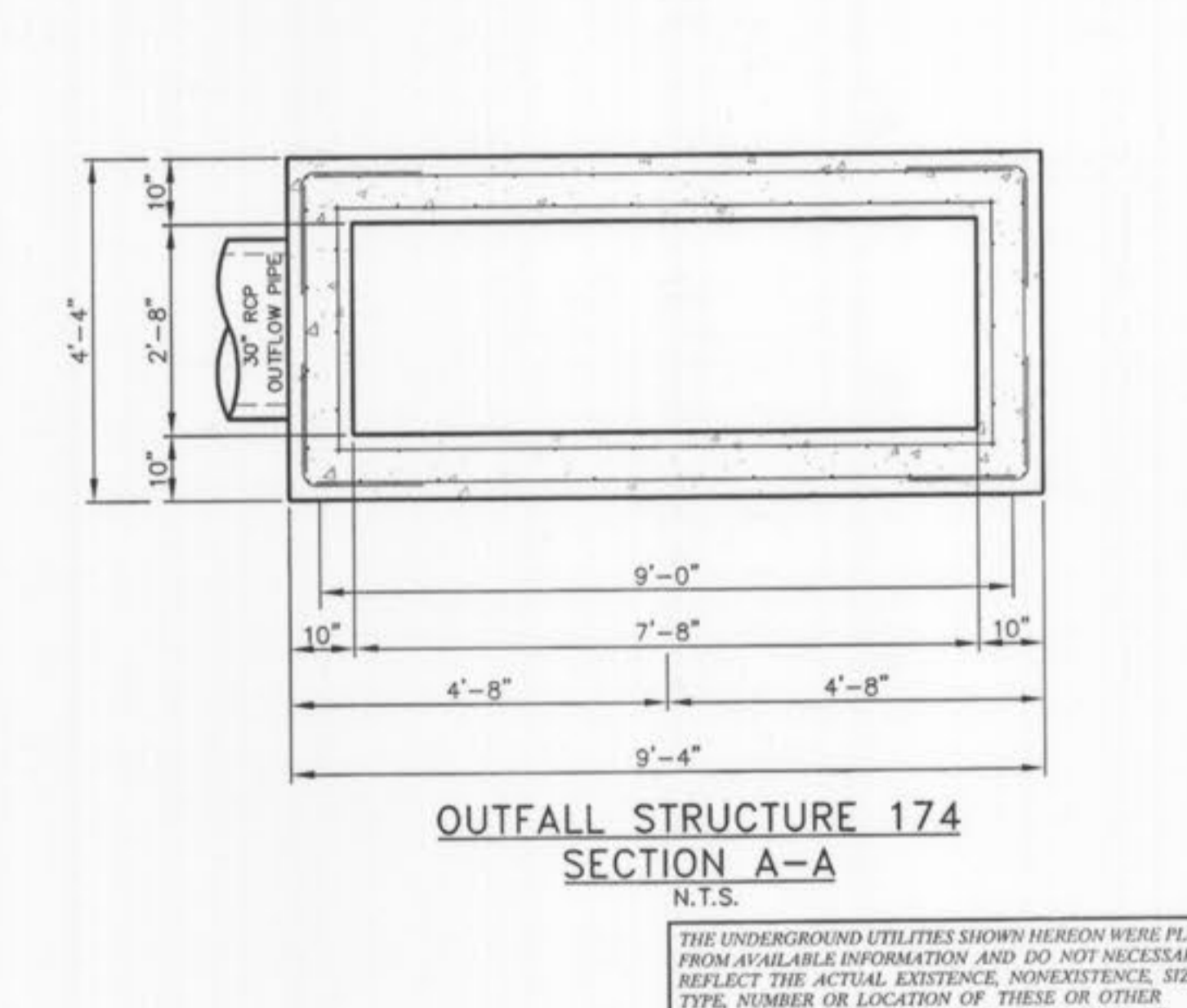
**OUTFALL STRUCTURE 174A
FRONT ELEVATION**
N.T.S.



**OUTFALL STRUCTURE 174A
REAR ELEVATION**
N.T.S.



**OUTFALL STRUCTURE 174A
SECTION B-B**
N.T.S.



**OUTFALL STRUCTURE 174
SECTION A-A**
N.T.S.

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL, IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo.

ISSUE	REMARKS/DATE
10	CITY COMMENTS/02-03-06
11	CITY COMMENTS/02-15-06
3	DCSD COMMENTS/09-29-05
4	DCSD COMMENTS/10-14-05
5	DCSD AND CITY COMMENTS/11-14-05
6	CITY COMMENTS/11-22-05
7	CITY COMMENTS/12-30-05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

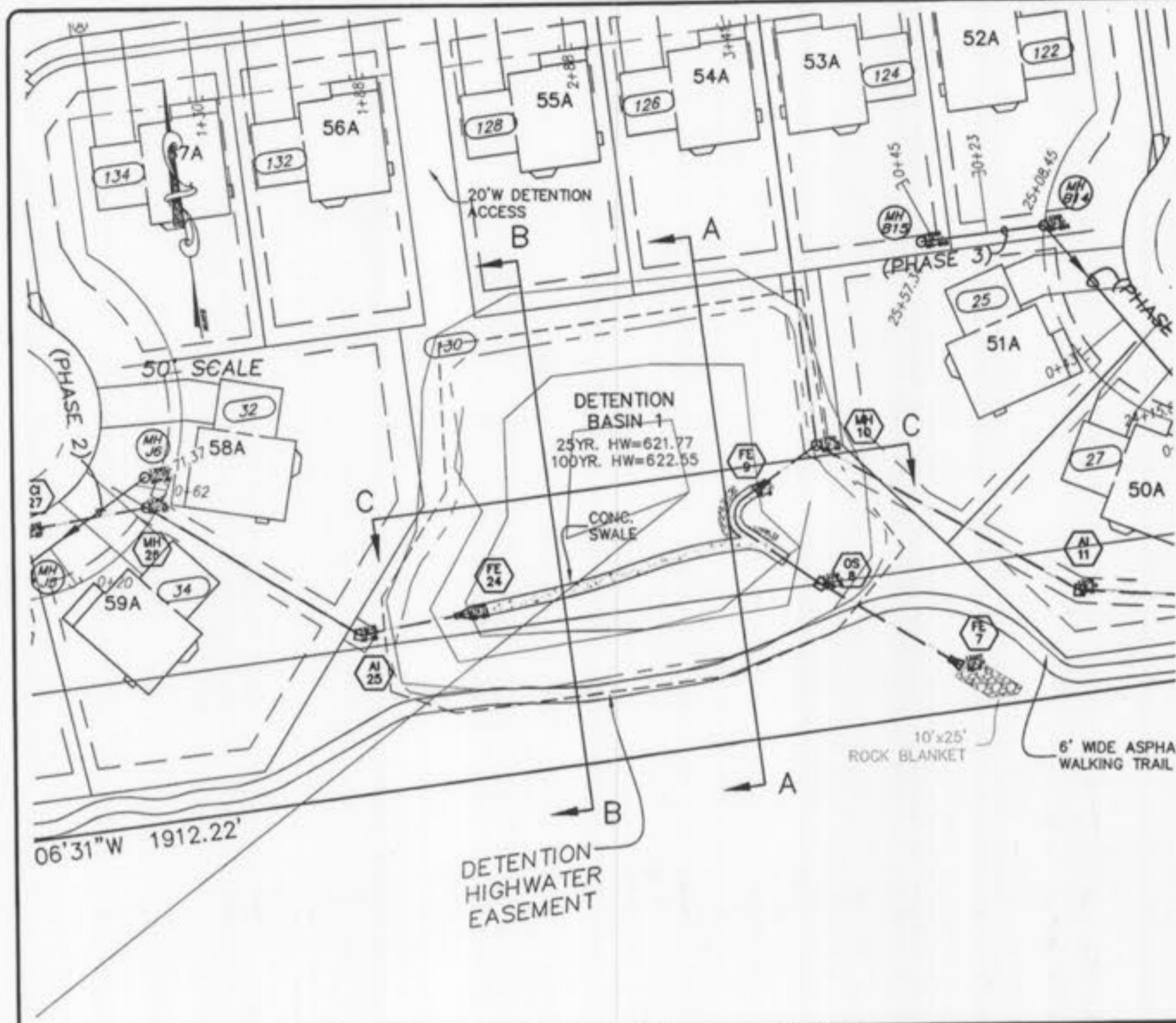
PREPARED FOR:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BALMARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314) 487-0440 FAX 487-8944
E-Mail: Sterling@sterling-eng-survey.com

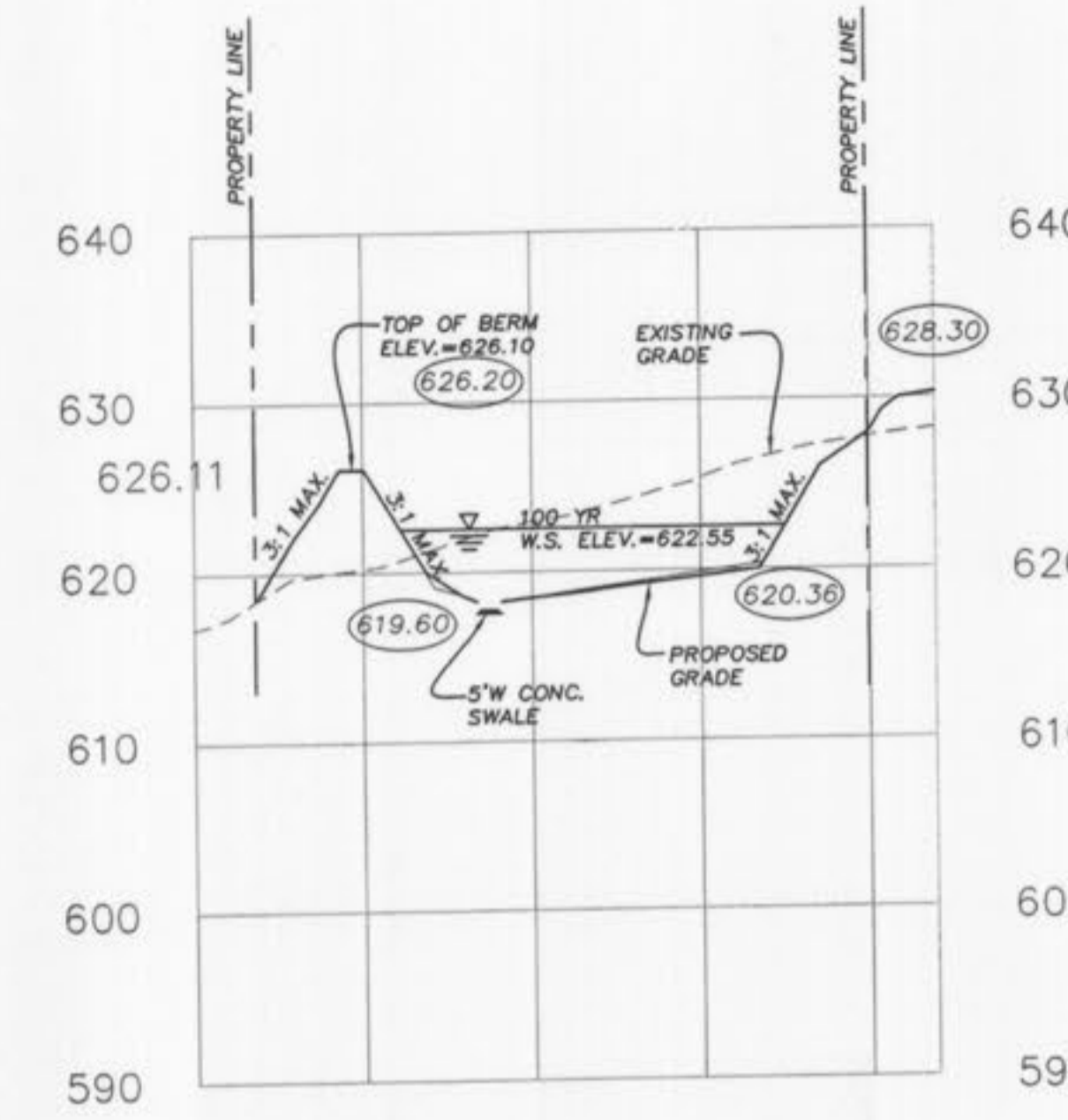
PROJECT: **COUNTRYSHIRE**
DESIGNED: _____
CHECKED: _____
SHEET TITLE: **OUTFALL STRUCTURE DETAILS**

NO. 02	12	311
M.S.D. PH	SHEET 10.3	
TOTAL SHEETS 10.3		
DATE PLOTTED: 01/17/06		

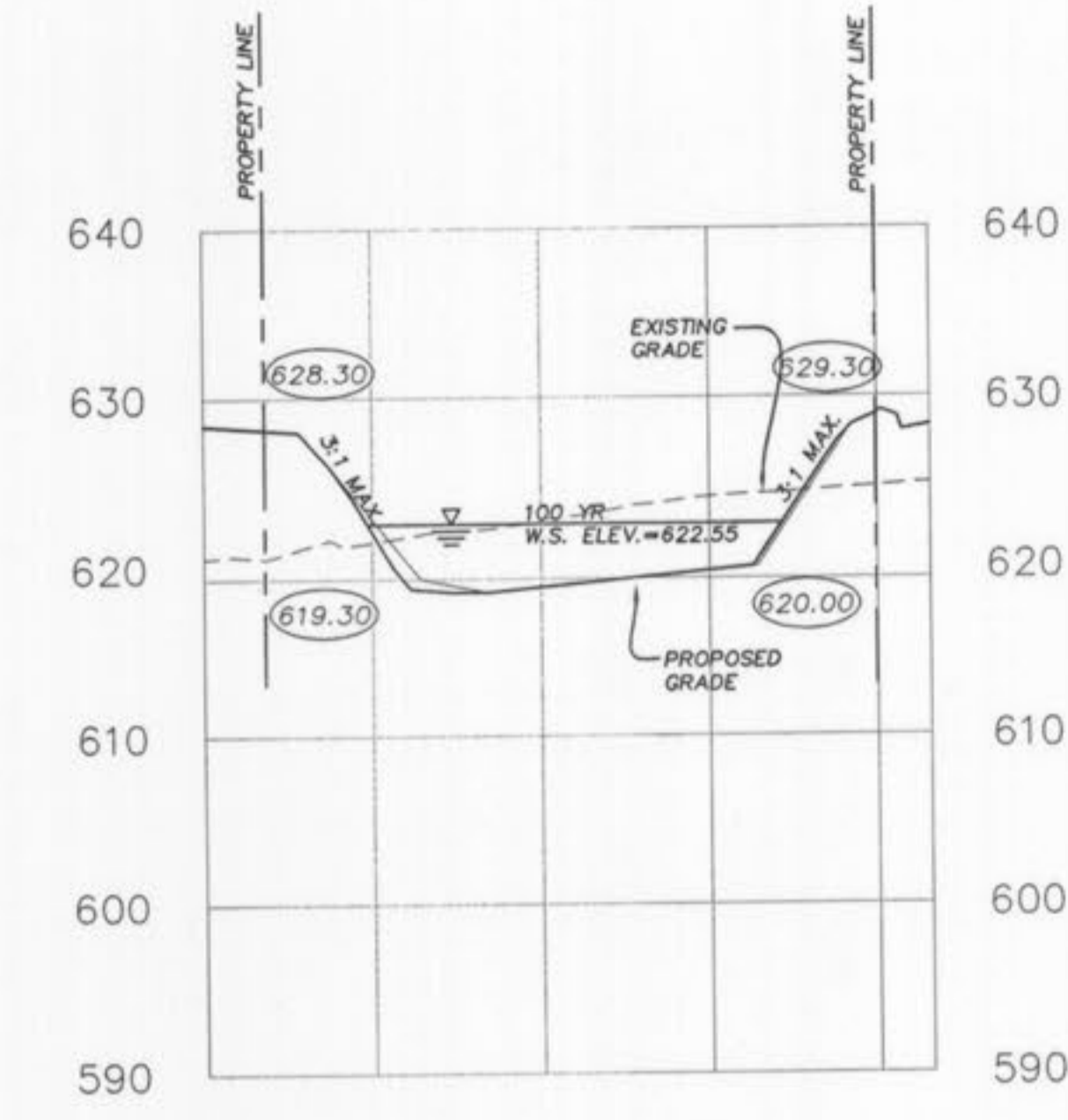
Drawing name: G:\S\K\PROJ\0212311 Rhodes\as-built\231101.DWG Plotted on: Dec 17, 2006 - 12:52pm Plotted by: dober



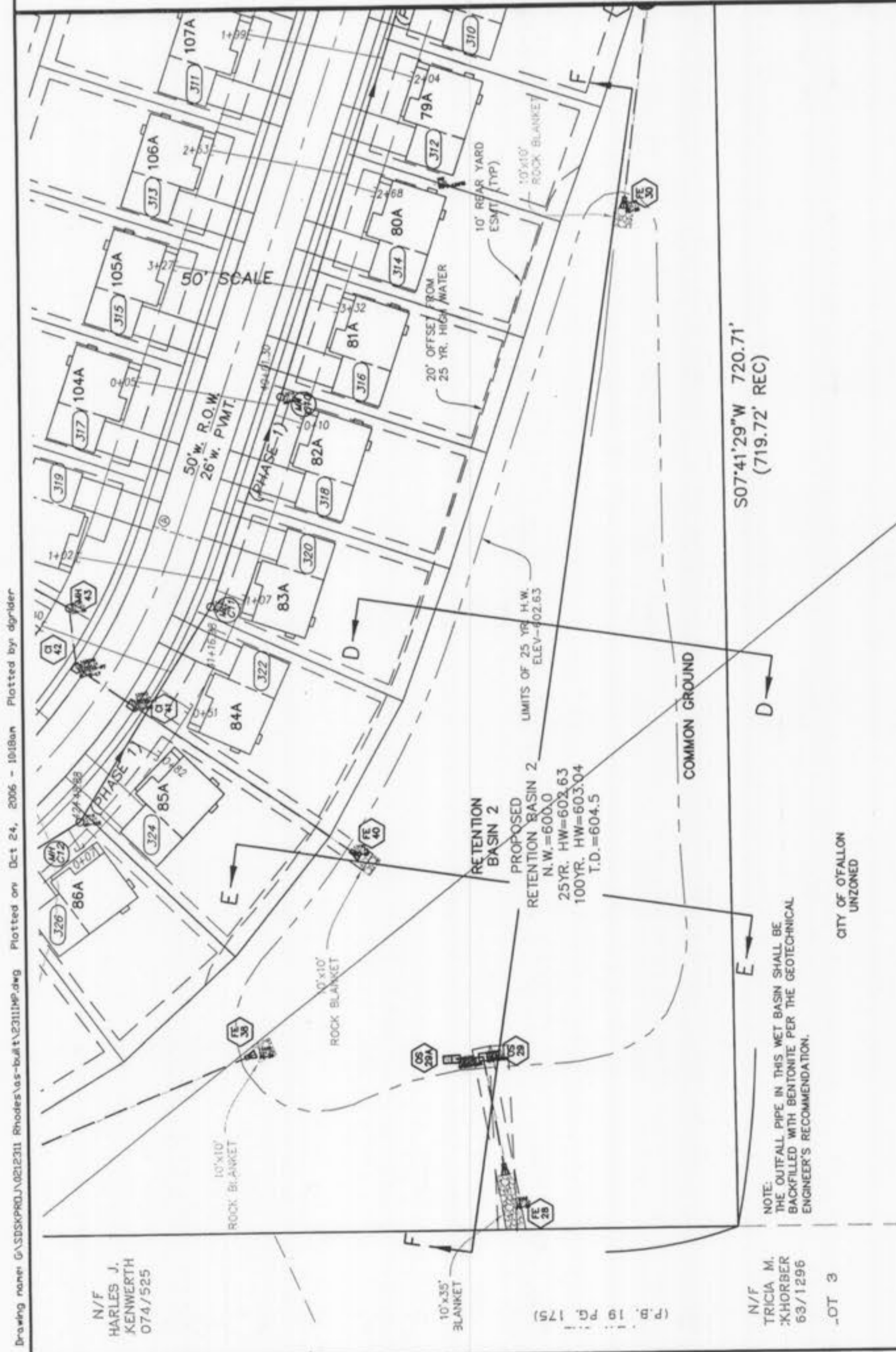
SECTION A-A



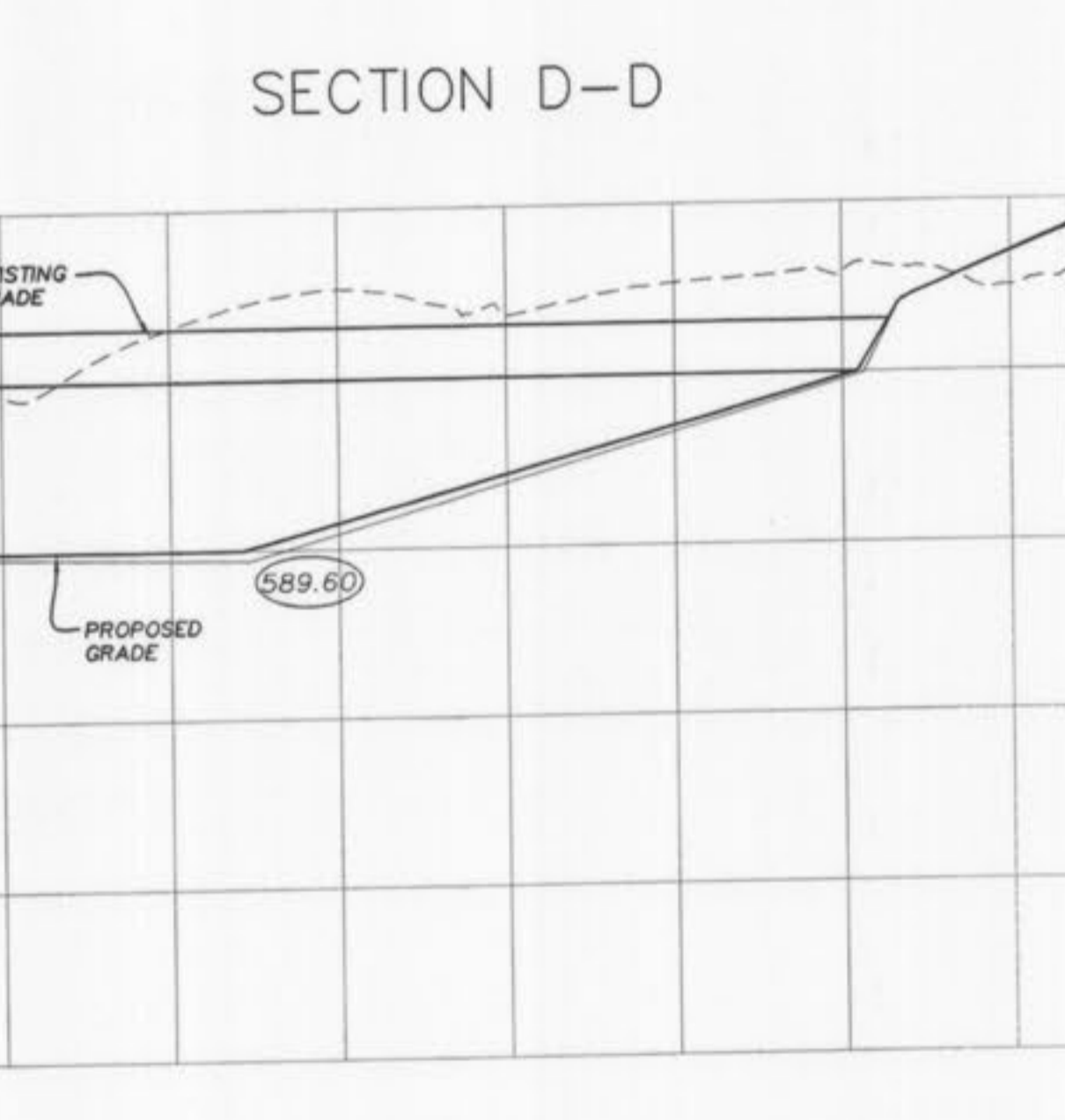
SECTION B-B



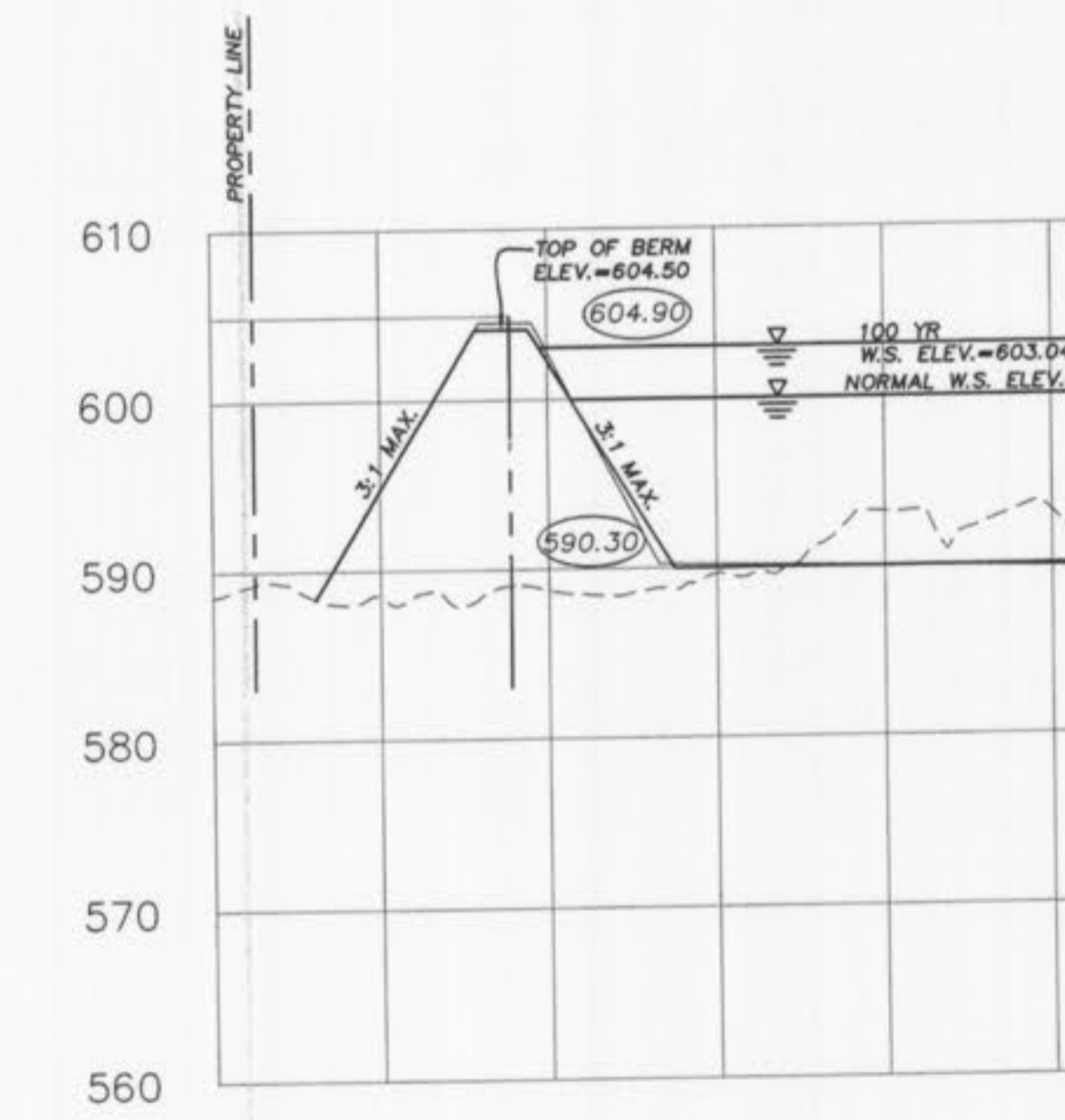
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F

AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAT

As of _____, I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured, the results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing easement boundaries except as follows:



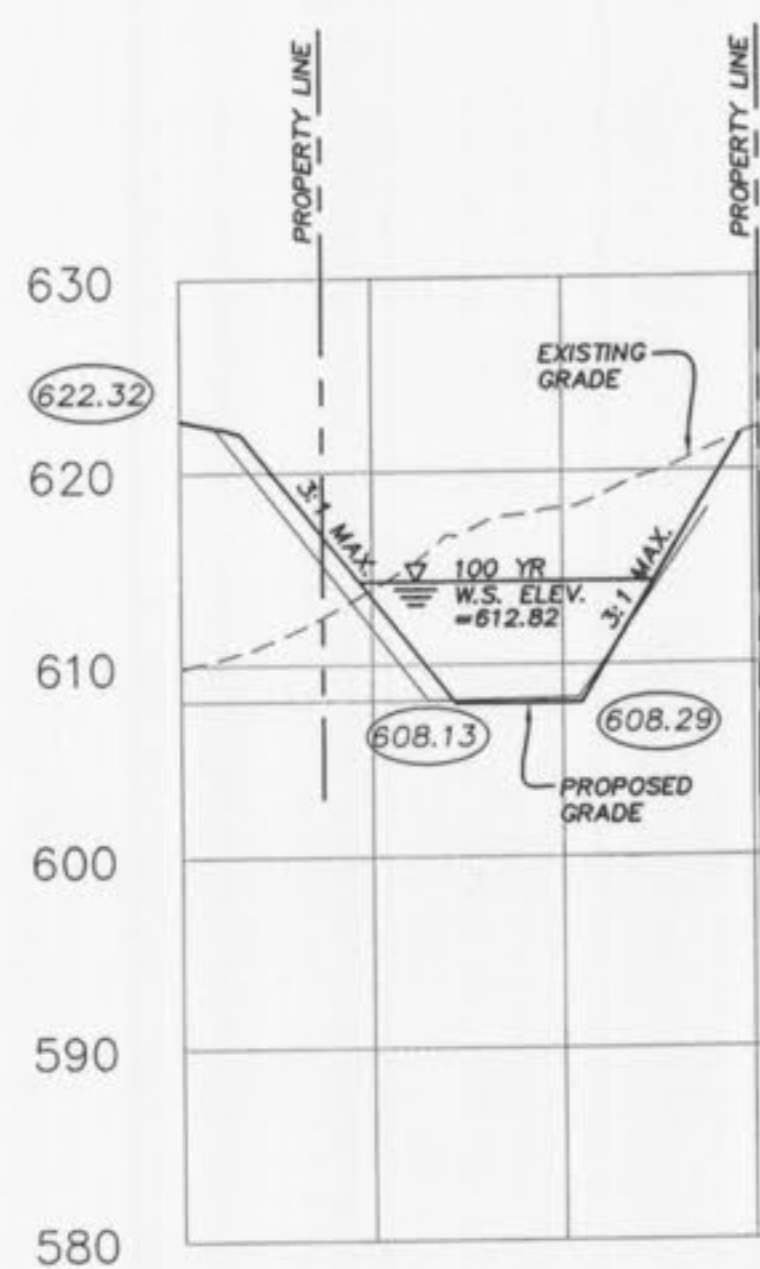
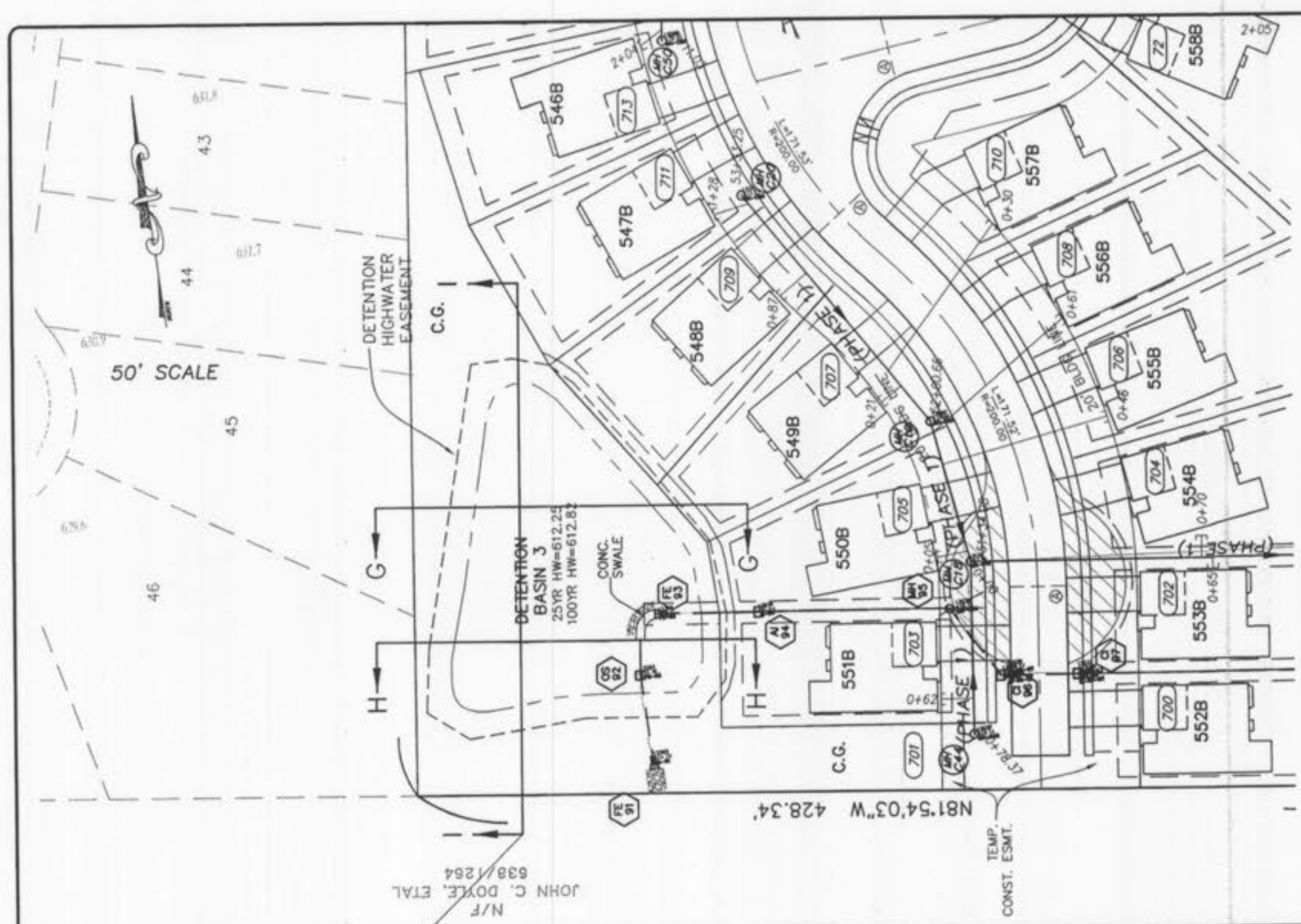
ISSUE REMARKS/DATE

10	CITY COMMENTS/02-03-06
11	CITY COMMENTS/02-15-06
3	DCSD COMMENTS/09-28-05
4	DCSD COMMENTS/10-13-05
5	DCSD AND CITY COMMENTS/11-14-05
6	CITY COMMENTS/11-22-05
7	CITY COMMENTS/12-29-05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

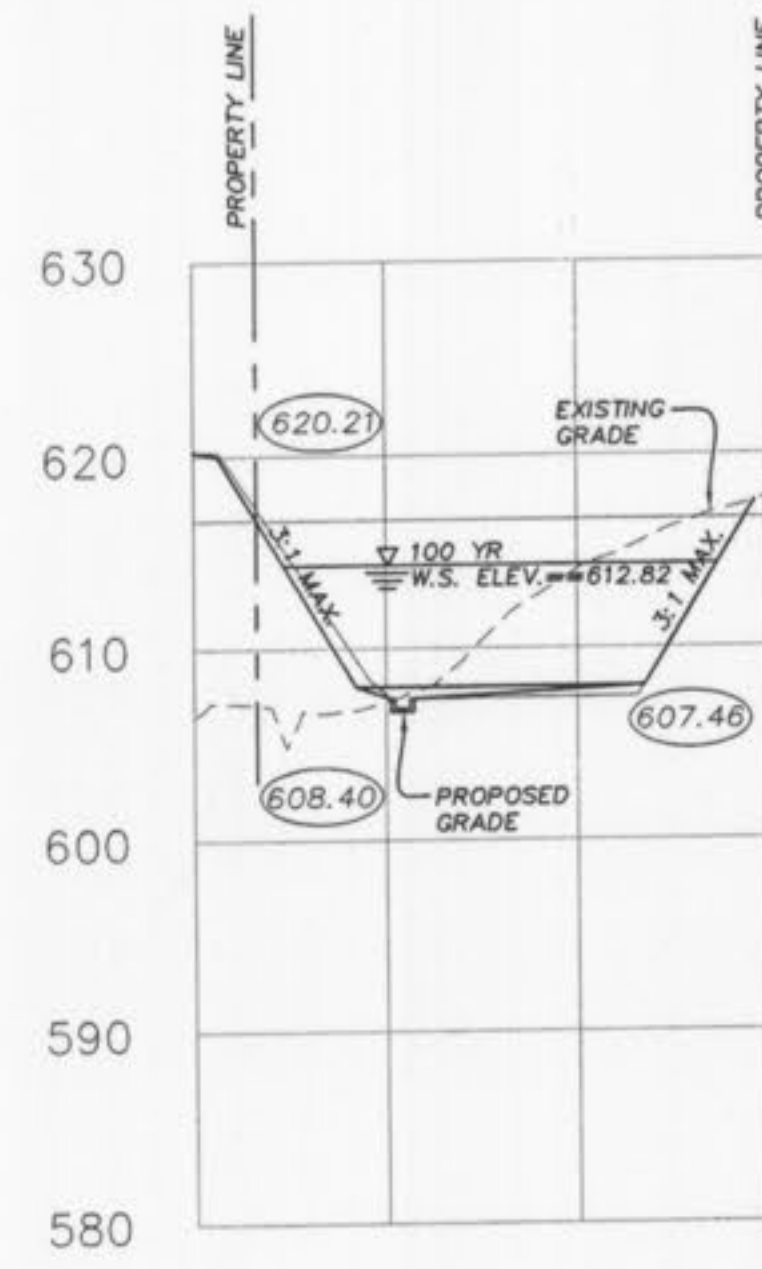
PREPARED FOR:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BALMARTIN ROAD
ST. LOUIS, MISSOURI 63129
(314) 487-0440 FAX 487-8944
E-Mail: Sterling@sterling-eng-survey.com

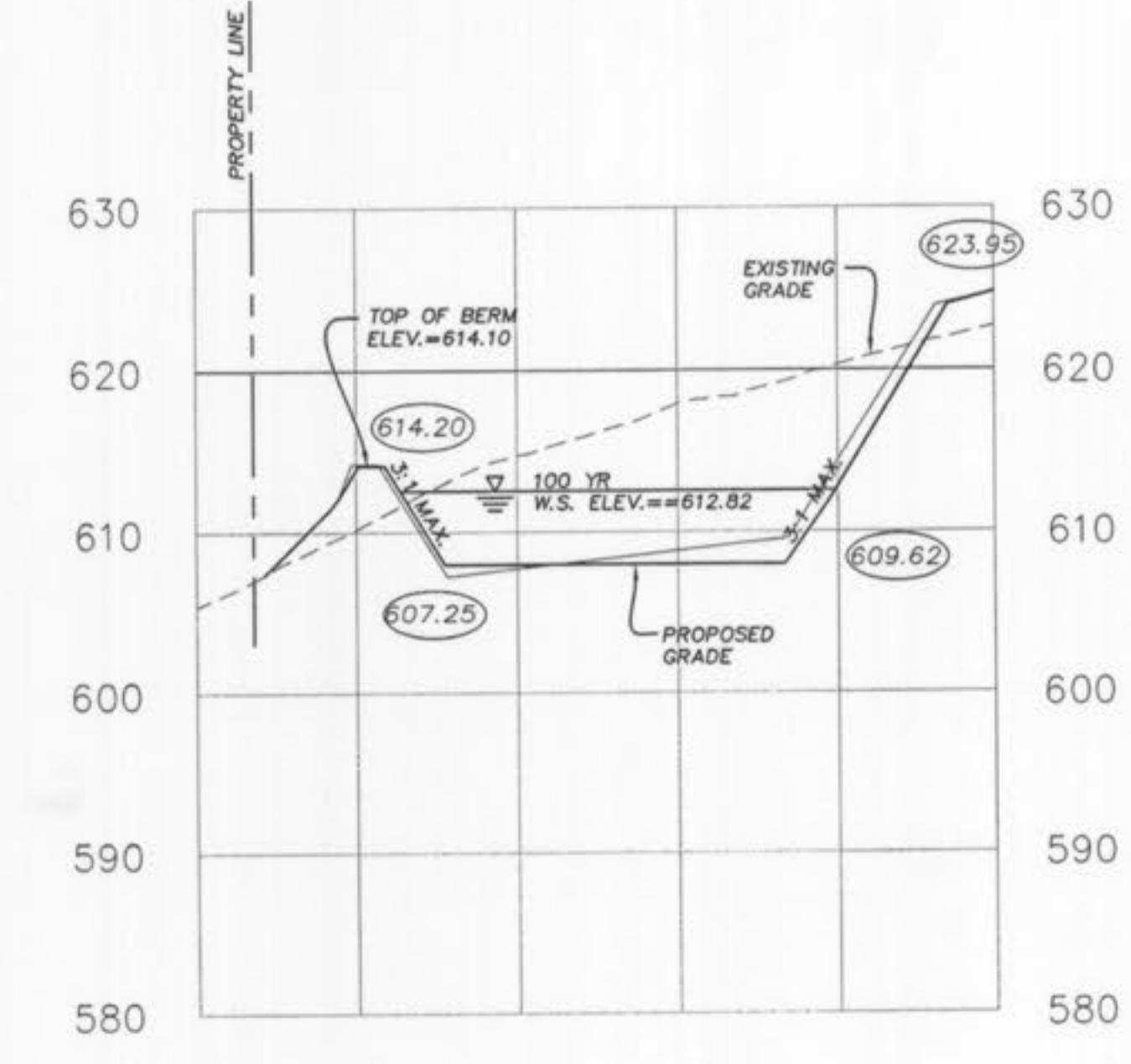
DRAWN: G.S.	DESIGNED: J.C.M.	CHECKED:
PROJECT: COUNTRYSHIRE		
SHEET TITLE: BASIN SECTIONS		
NO. 02	12	311
M.S.D.	SHEET	11.1
SCALE: HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=10'		



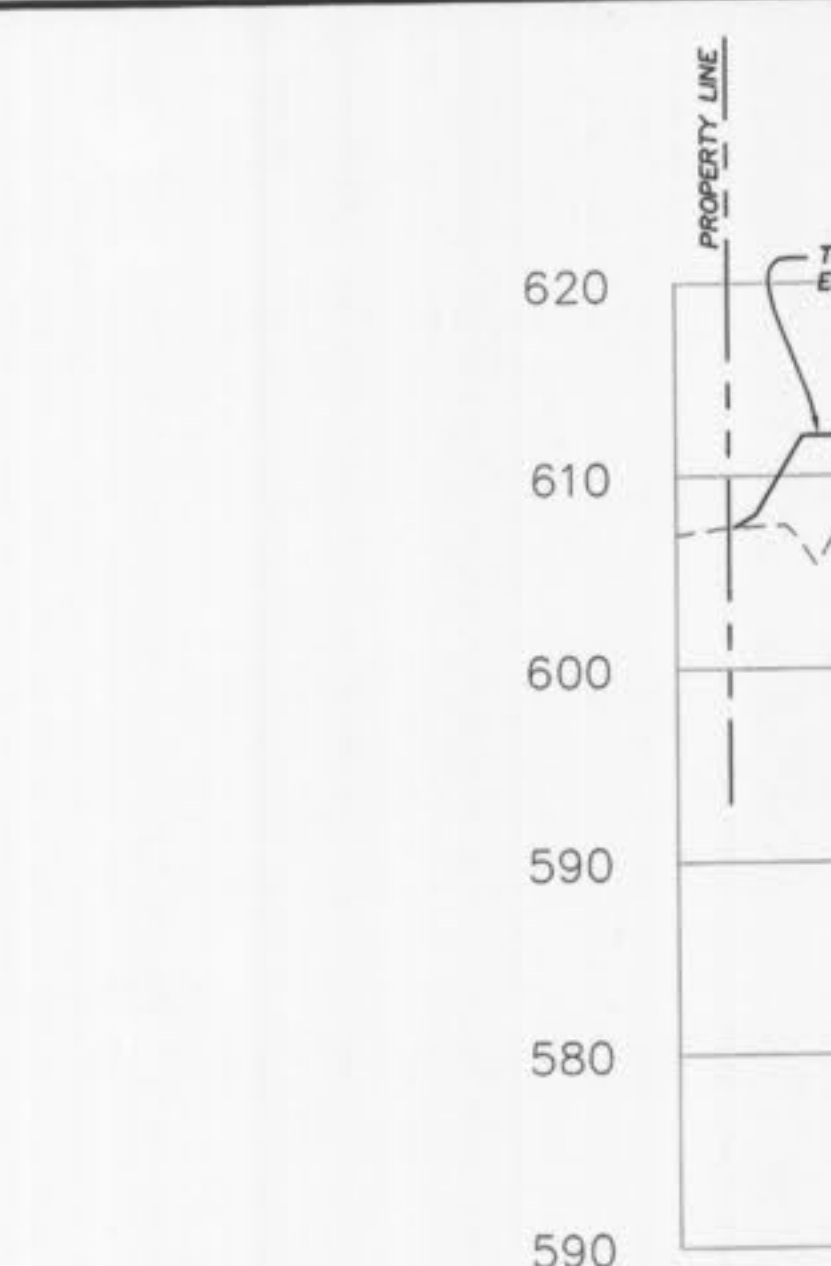
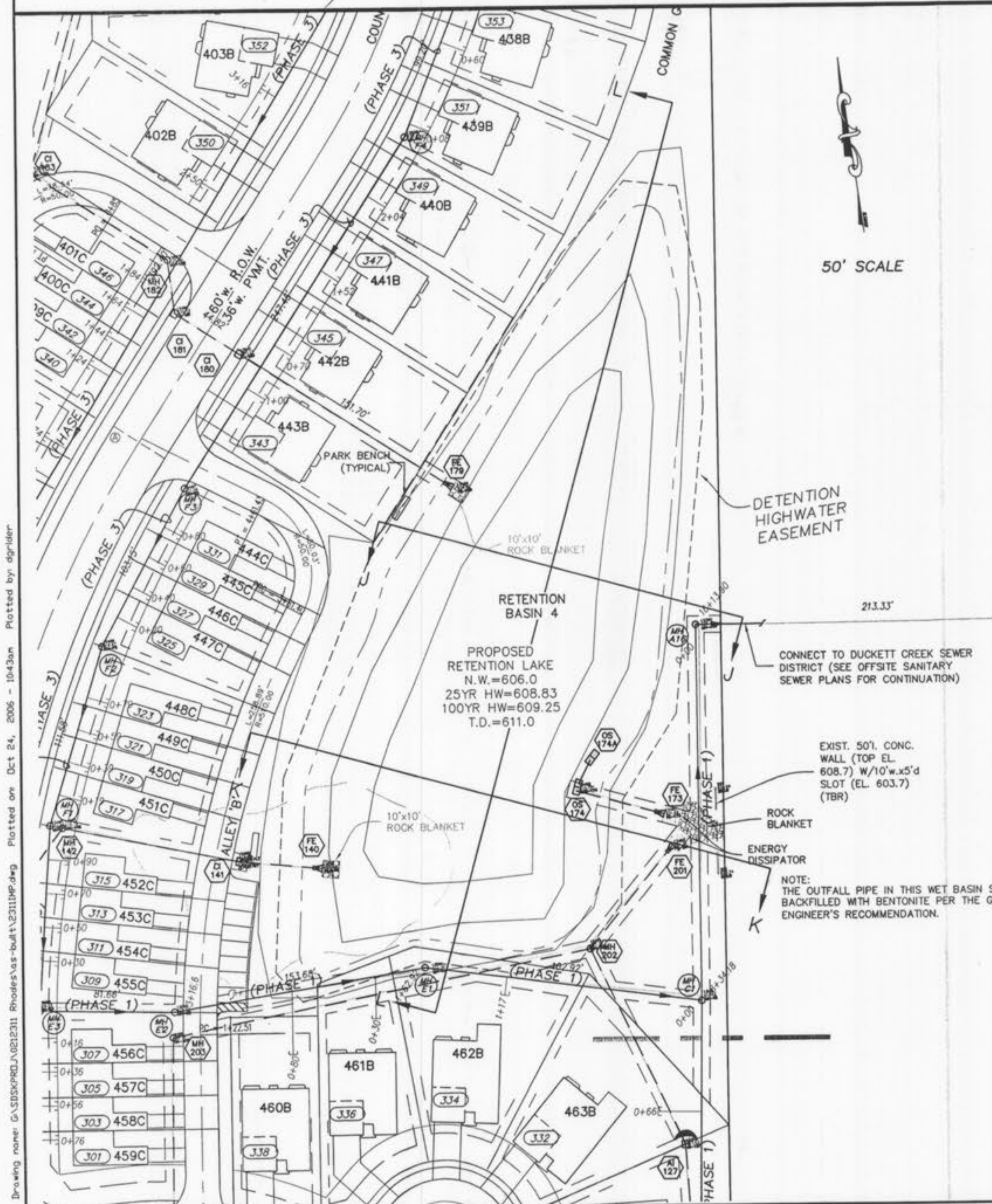
SECTION G-G



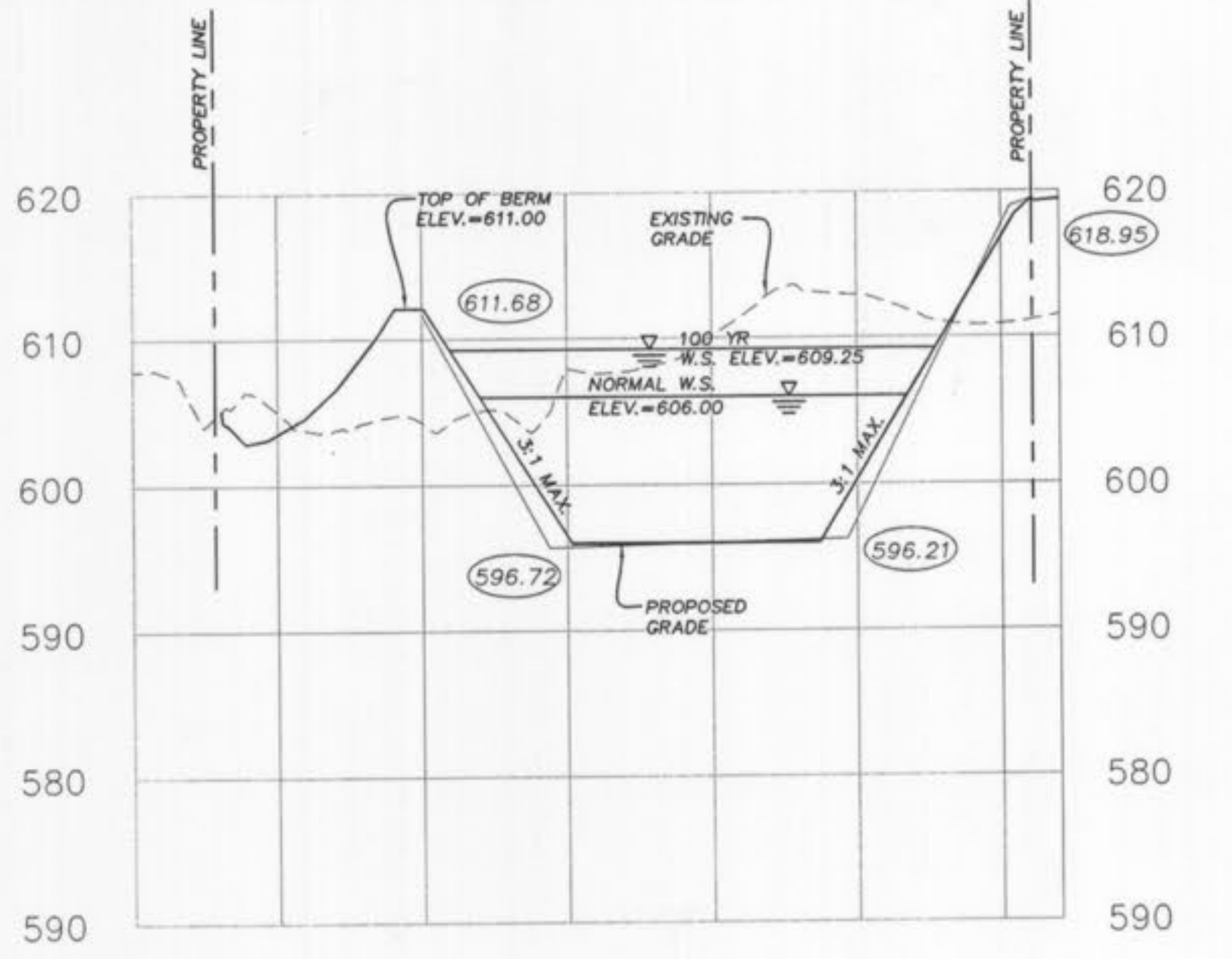
SECTION H-H



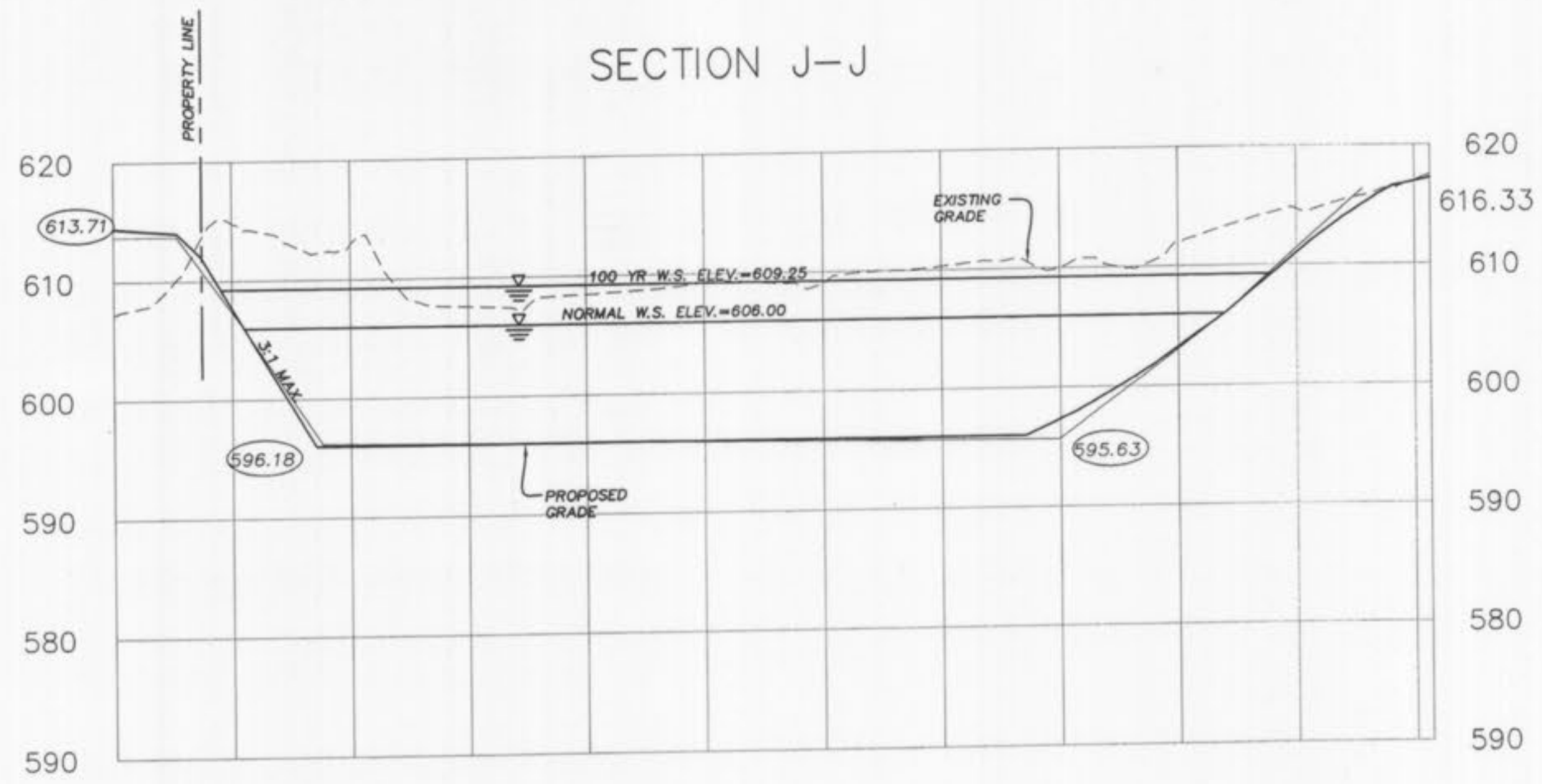
SECTION I-I



SECTION J-J



SECTION K-K



SECTION L-L

AS-BUILT
SANITARY AND STORM SEWER
FINAL MEASUREMENT PLAT

As of _____, I certify that the actual sewer lengths, sizes, flowlines, depths of structures and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing or proposed easements except as follows: _____



SCALE:
HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

ISSUE	REMARKS/DATE
10	CITY COMMENTS/02-03-06
11	CITY COMMENTS/02-15-06
3	DCSD COMMENTS/09-28-05
4	DCSD COMMENTS/10-13-05
5	DCSD AND CITY COMMENTS/11-14-05
6	CITY COMMENTS/11-22-05
7	CITY COMMENTS/12-30-05
8	WATER DISTRICT #2 COMMENTS/01-17-06
9	DEVELOPER REVISIONS/01-24-06

PREPARED BY:
CMB RHODES, L.L.C.
P.O. Box 511038
St. Louis, MO 63151-1038
(314) 487-6717

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BAUNGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314) 487-6717 FAX: 487-6747
E-Mail: Sterling@sterling-eng-survey.com

DRAWN: G.S.
DESIGNED: J.C.M.
CHECKED: _____

PROJECT: **COUNTRYSHIRE**
SHEET TITLE: BASIN SECTIONS

NO.	02	12	311
M.S.D.			
PH			
SHEET			11.2
OF			