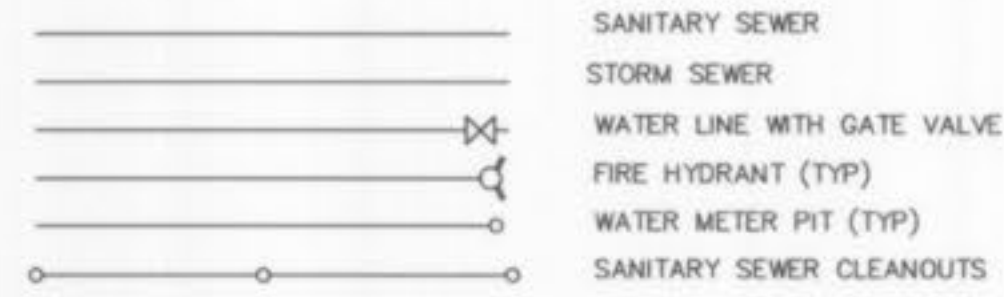


UTILITY INFORMATION

THE FOLLOWING PERSON AND / OR AGENCIES SHALL BE CONTACTED BY THE RESPECTIVE SUBCONTRACTORS TO VERIFY ALL ASPECTS OF SERVICE TO THE BUILDING—CONNECTIONS, PERMITS, FEES, LINE EXTENSIONS, ETC. — AS MAY BE REQUIRED FOR THE PROJECT. COORDINATION OF ALL WORK, OBTAINING REQUIRED PERMITS, PAYING FEES, ETC. OR INSTALLATION OF THE UTILITIES TO (AND IN) THE BUILDING SHALL BE THE RESPONSIBILITY OF THE VARIOUS SUBCONTRACTORS.

WATER: PWS#2 OF ST. CHARLES COUNTY, 100 WATER DR., O'FALLON, MO 636-561-3737
 SEWER: CITY OF O'FALLON, MO 100 N. MAIN ST., O'FALLON, MO PH. (636) 240-2000
 ELECTRICAL: AMEREN UE: 200 N. CALLAHAN, WENTZVILLE, MO PH. (636) 639-8235
 TELEPHONE: CENTURY TEL: 2962 HWY K, O'FALLON, MO PH. (636) 382-7392
 CABLE: CHARTER COMMUNICATIONS 100 N. MAIN ST., O'FALLON, MO (636) 281-1111
 GAS: LACLEDE GAS 720 OLIVE ST., ST. LOUIS, MO (314) 621-6960

UTILITY LEGEND



UTILITY NOTES

RIP-RAP SHOWN AT FLARED ENDS WILL BE EVALUATED IN THE FIELD AFTER INSTALLATION FOR EFFECTIVENESS AND FIELD MODIFIED IF NECESSARY TO REDUCE EROSION ON AND OFF SITE.

ALL FILL PLACED UNDER PROPOSED STORM AND SANITARY SEWER, PROPOSED ROADS, AND/OR PAVED AREAS SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO T-180 COMPACTION TEST OR 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. ALL FILL PLACED IN PROPOSED ROADS SHALL BE COMPACTED FROM THE BOTTOM OF THE FILL UP. ALL TESTS SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS. ENSURE THE MOISTURE CONTENT OF THE SOIL IN FILL AREAS IS TO CORRESPOND TO THE COMPACTIVE EFFORT AS DEFINED BY THE STANDARD OR MODIFIED PROCTOR TEST. OPTIMUM MOISTURE CONTENT SHALL BE DETERMINED USING THE SAME TEST THAT WAS USED FOR COMPACTION. SOIL COMPACTION CURVES SHALL BE SUBMITTED TO THE CITY OF O'FALLON PRIOR TO THE PLACEMENT OF FILL. PROOF ROLLING MAY BE REQUIRED TO VERIFY SOIL STABILITY AT THE DISCRETION OF THE CITY OF O'FALLON.

BRICK SHALL NOT BE USED IN THE CONSTRUCTION OF STORM SEWER STRUCTURES.

ALL STORM SEWERS ARE PRIVATE.

ALL SANITARY LATERALS AND SANITARY MAINS CROSSING UNDER ROADWAYS MUST HAVE THE PROPER ROCK BACKFILL AND TO REQUIRED COMPACTION.

PROVIDE A MARKING ON THE STORM SEWER INLET. THE CITY WILL ALLOW THE FOLLOWING MARKERS AND ADHESIVE PROCEDURES ONLY AS SHOWN IN THE TABLE BELOW OR AN APPROVED EQUAL BY ALMETER INDUSTRIES. PEEL AND STICK ADHESIVE PADS WILL NOT BE ALLOWED.

MANUFACTURER	SIZE	ADHESIVE	STYLE	MESSAGE (PART #)	WEBSITE
ACP INTERNATIONAL	3 7/8"	EPOXY	CRYSTAL CAP	NO DUMPING DRAINS TO WATERWAYS (SD-W-CC)	WWW.ACPINTERNATIONAL.COM
DAS MANUFACTURING INC.	4"	EPOXY	STANDARD STYLE	NO DUMPING DRAINS TO STREAMS (#SDS)	WWW.DASMANUFACTURING.COM

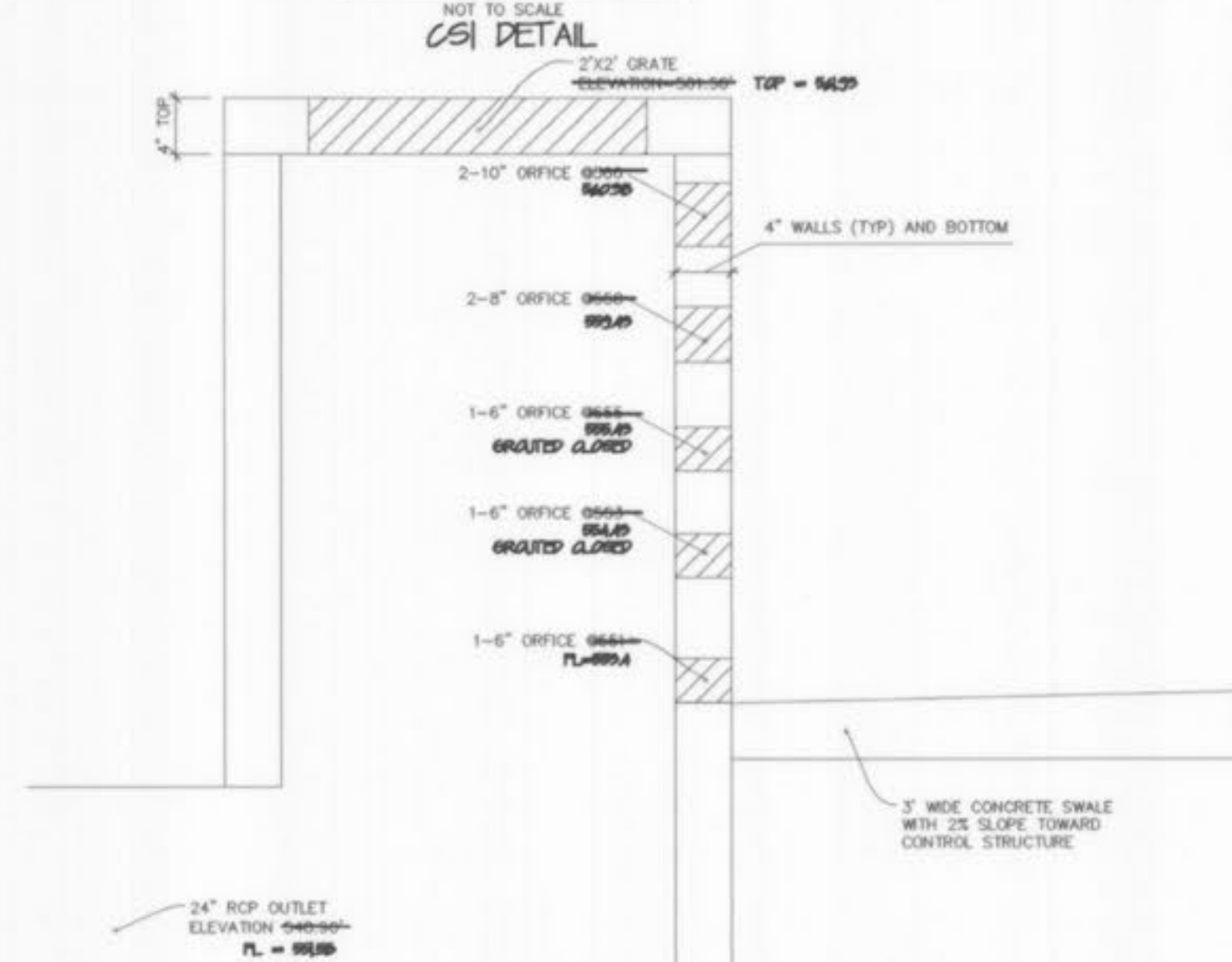
THE CITY OF O'FALLON SHALL ALSO BE CONTACTED FOR UTILITY LOCATES UNDER ITS MAINTENANCE RESPONSIBILITY. THIS MAY INCLUDE WATER, SANITARY, STORM, AND TRAFFIC LOCATES.

CUTOFF WALLS ON FE'S ARE 2' DEEP UPSTREAM, AND 3' DEEP DOWNSTREAM. (FE'S SHALL BE CONC.)

PROVIDE GRANULAR FILL AROUND SANITARY AND STORM LINES WITH TRENCHES WITHIN 10 FEET OF THE EDGE OF PAVEMENT CURB AND IN THE 1 TO 1 SHEAR PLANE OF THE PAVEMENT.

THE RELOCATED SANITARY SEWER WILL NEED TO BE INSTALLED WITH THE INITIAL CONSTRUCTION AND THE AS BUILT PLANS WILL BE REQUIRED TO BE REVIEWED AND APPROVED BEFORE THE LINE IS PLACED IN SERVICE AND THE OLD LINE REMOVED.

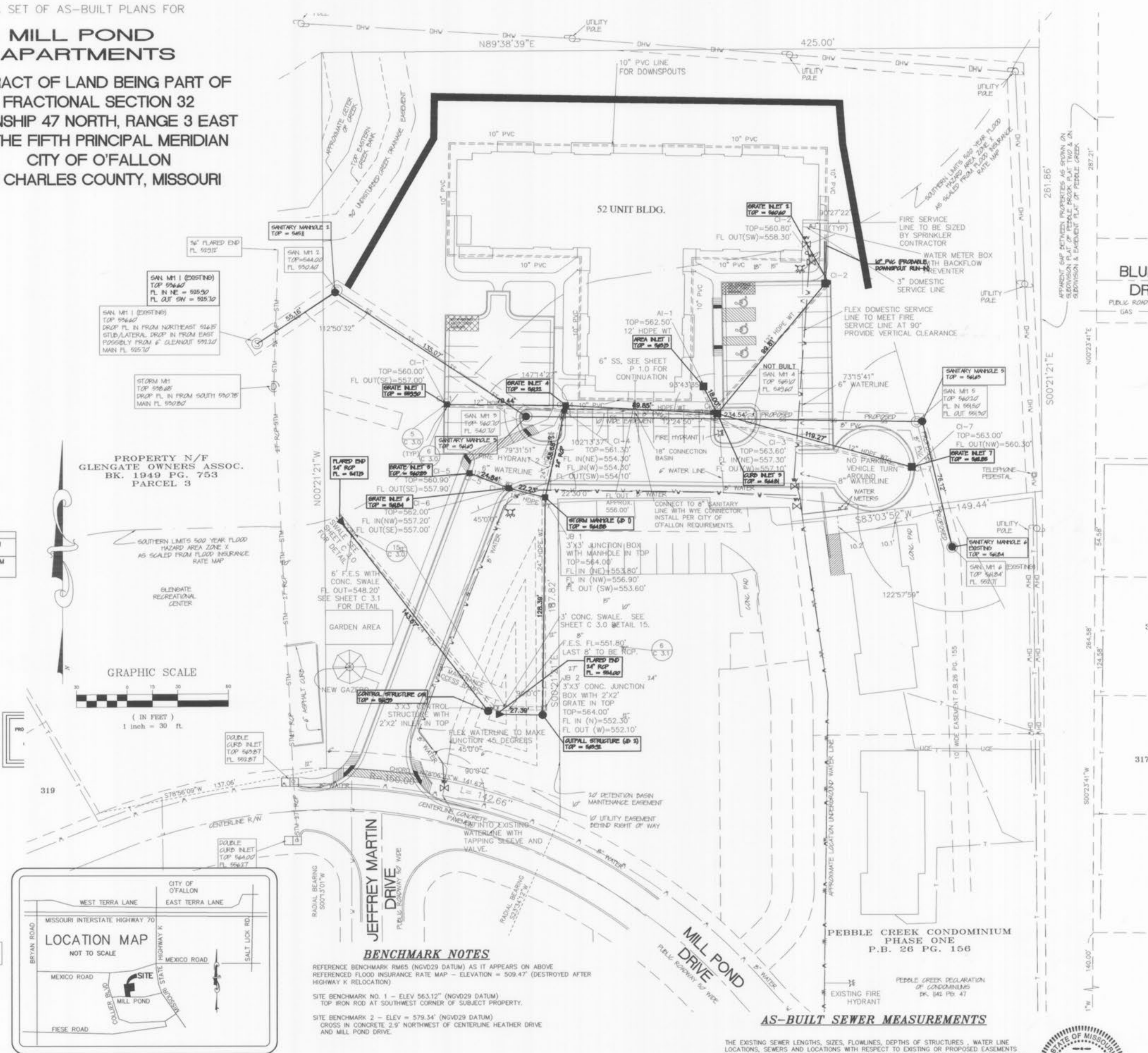
DETECTION BASIN CONTROL STRUCTURE



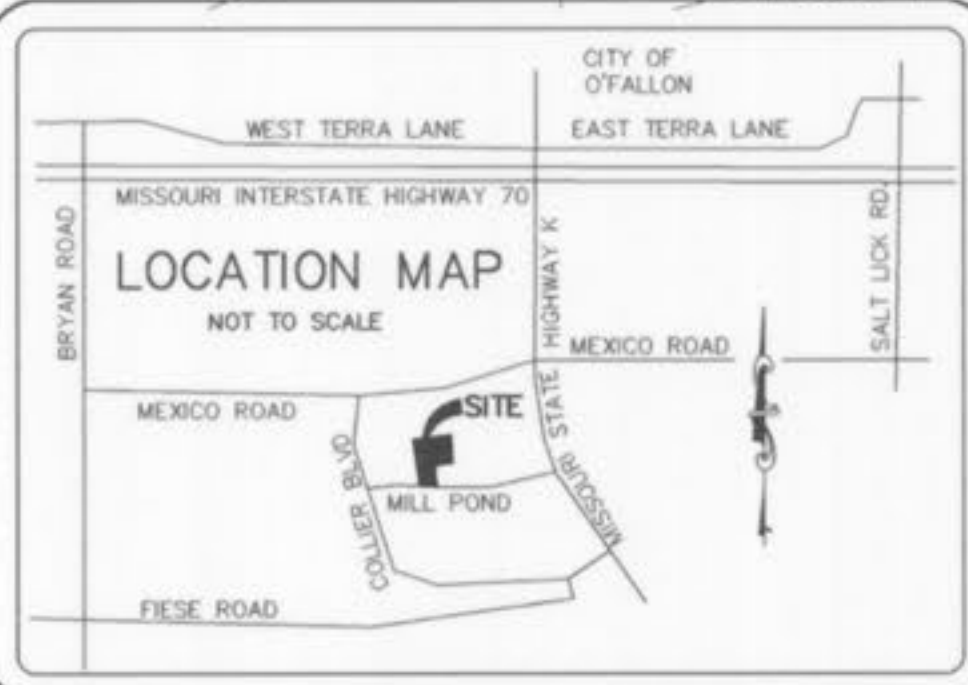
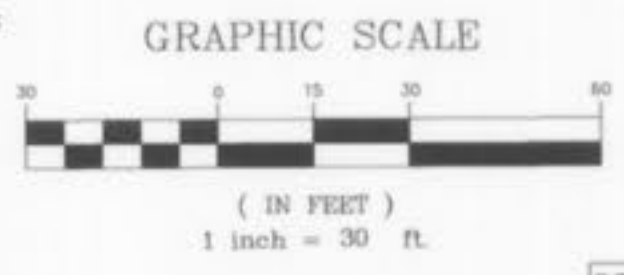
D	A	B
	MIN SOIL	MIN ROCK
0'-27"	4"	6"
30"-60"	6"	9"
66"-10'	8"	12"

MILL POND APARTMENTS

A TRACT OF LAND BEING PART OF FRACTIONAL SECTION 32 TOWNSHIP 47 NORTH, RANGE 3 EAST OF THE FIFTH PRINCIPAL MERIDIAN CITY OF O'FALLON ST. CHARLES COUNTY, MISSOURI



PROPERTY N/F GLENGATE OWNERS ASSOC. BK. 1949 PG. 753 PARCEL 3



BENCHMARK NOTES
 REFERENCE BENCHMARK: RM65 (NGVD29 DATUM) AS IT APPEARS ON ABOVE REFERENCED FLOOD INSURANCE RATE MAP - ELEVATION = 509.47' (DESTROYED AFTER HIGHWAY K RELOCATION)
 SITE BENCHMARK NO. 1 - ELEV 563.12" (NGVD29 DATUM) TOP IRON ROD AT SOUTHWEST CORNER OF SUBJECT PROPERTY.
 SITE BENCHMARK 2 - ELEV = 579.34' (NGVD29 DATUM) CROSS IN CONCRETE 2.9' NORTHWEST OF CENTERLINE HEATHER DRIVE AND MILL POND DRIVE.

AS BUILT NOTE:
 THIS PROJECT WAS DESIGNED TO BE CONSTRUCTED WITH A STORM SYSTEM OF HOPE PIPE AND NYORLAST BASINS. SURVEYOR HAS FOUND CONCRETE PIPE AND BASIN STRUCTURES USED THROUGH OUT PROJECT AS SHOWN. NO PLASTIC PIPE WAS INSTALLED.

PREPARED FOR:
 NECAC
 16 N. COURT STREET
 P.O. BOX 470
 BOWLING GREEN, MO 63334-0470

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 SHEET OF
 11372 ASB C1.0
 FILE NAME
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 2008
 SURVEY BY DATE



THE EXISTING SEWER LENGTHS, SIZES, FLOWLINES, DEPTHS OF STRUCTURES, WATER LINE LOCATIONS, SEWERS 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.

ALL PUBLIC SEWERS ARE LOCATED WITHIN DESIGNATED EXISTING OR PROPOSED EASEMENTS.

SIGNED: [Signature] 7/18/10
 P.E.L.S.
 DATE

A SET OF AS-BUILT PLANS FOR

MILL POND APARTMENTS

A TRACT OF LAND BEING PART OF
FRACTIONAL SECTION 32
TOWNSHIP 47 NORTH, RANGE 3 EAST
OF THE FIFTH PRINCIPAL MERIDIAN
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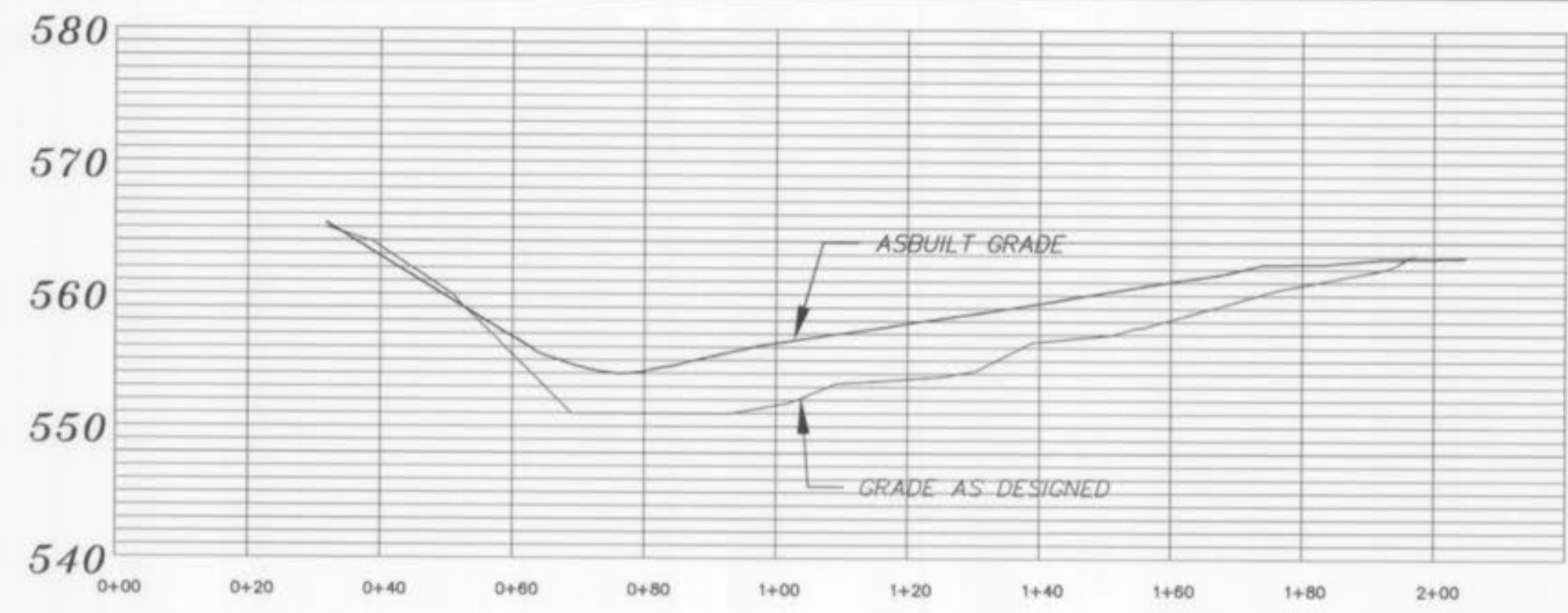
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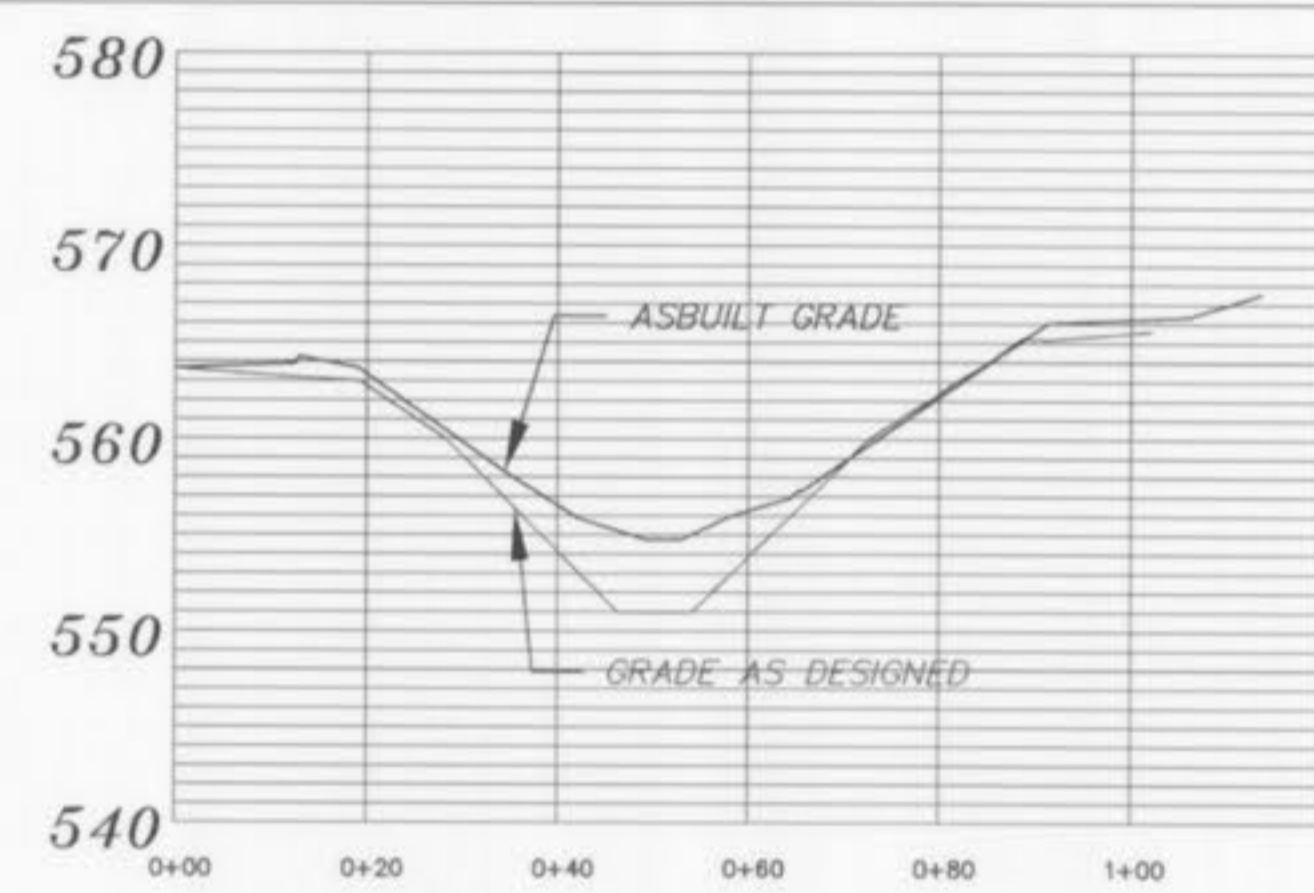
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FAX 928-1718

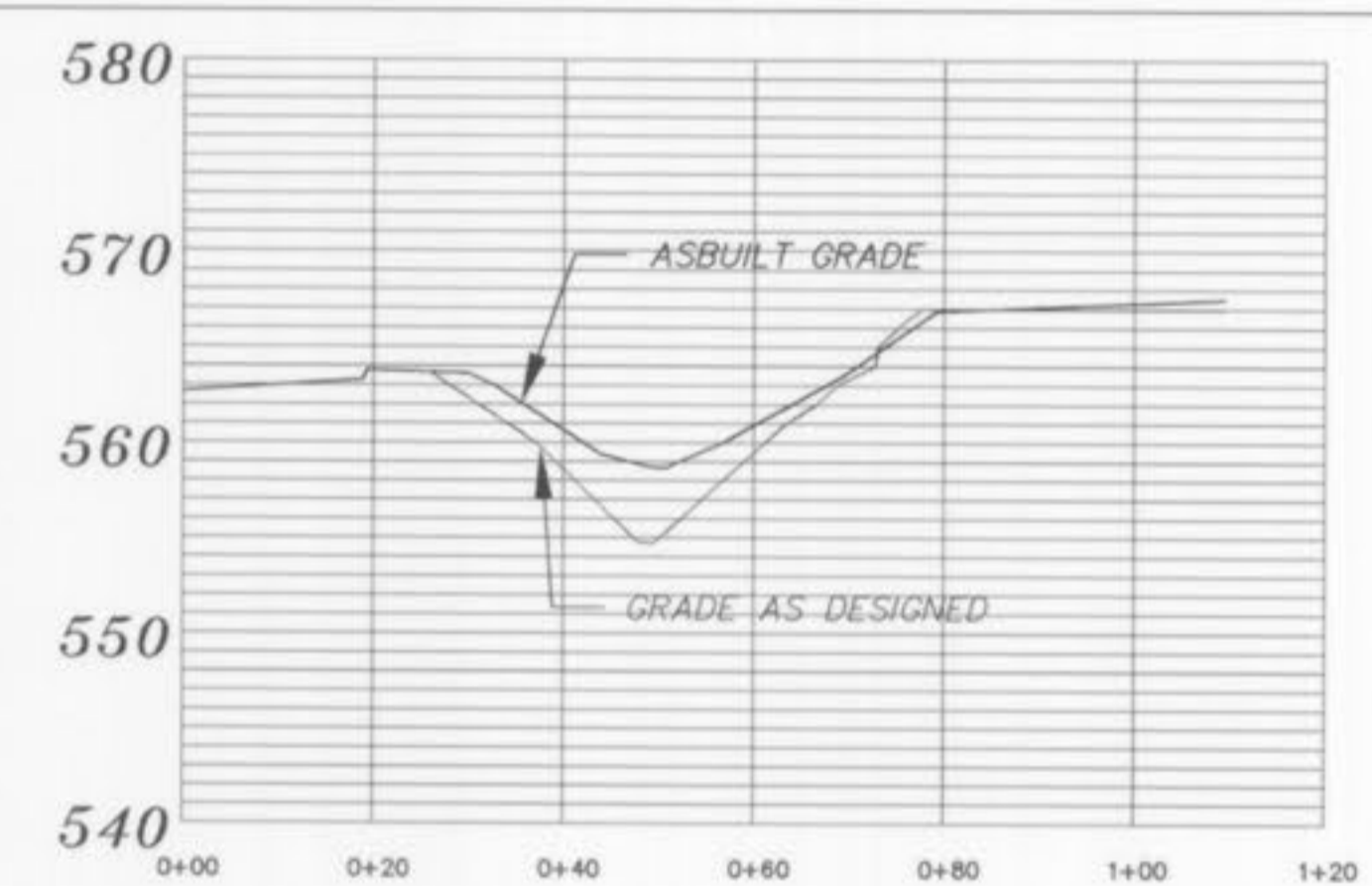
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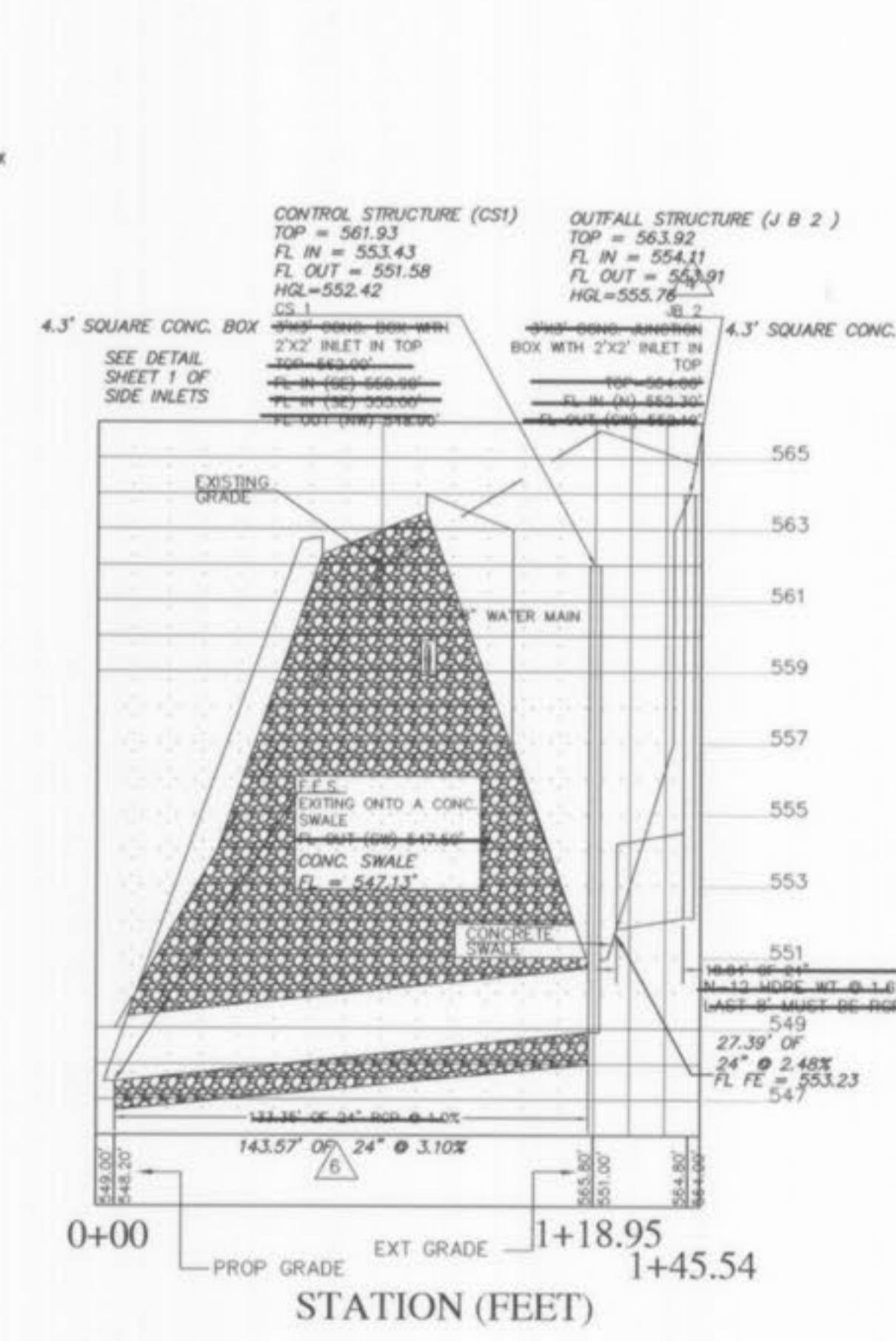
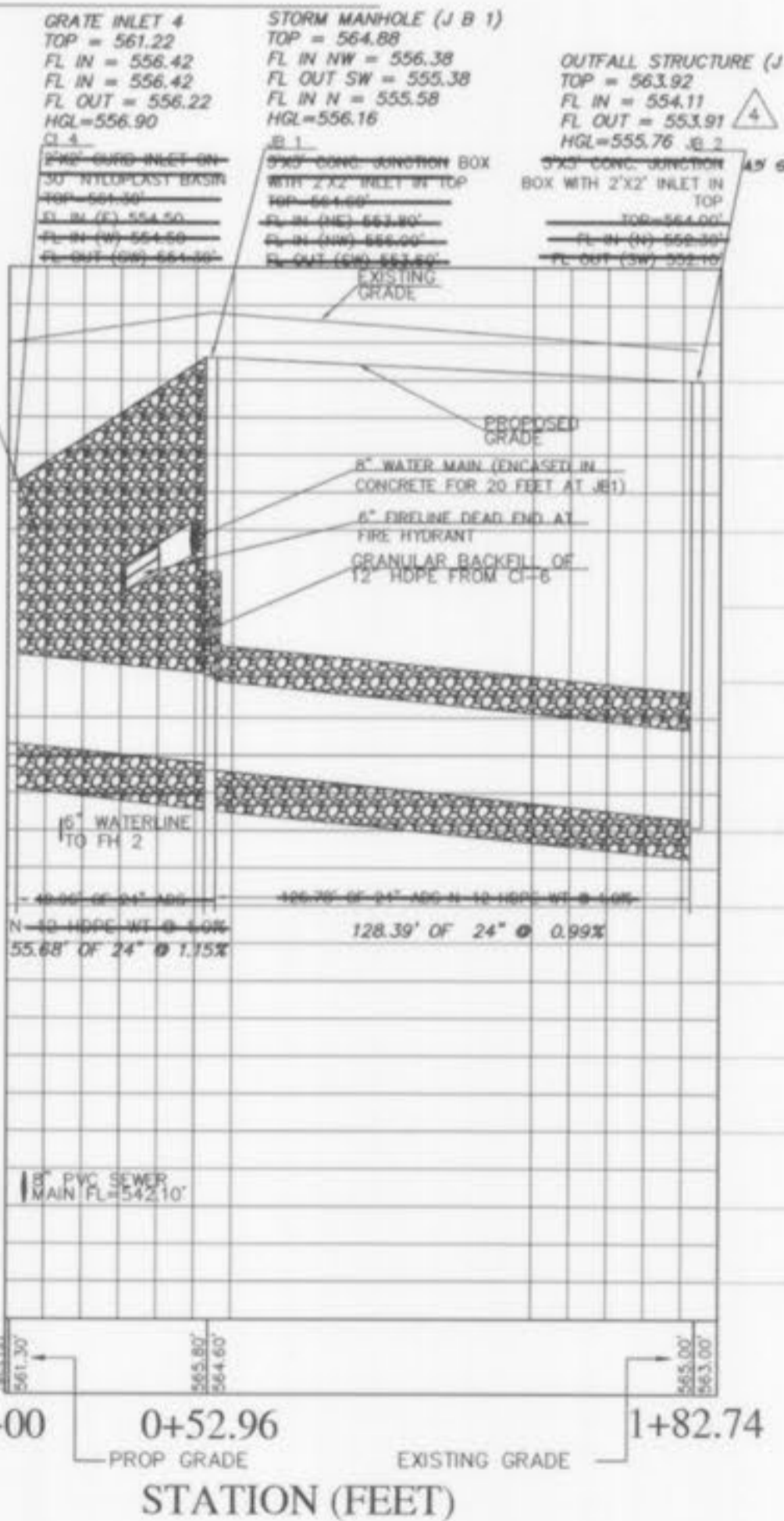
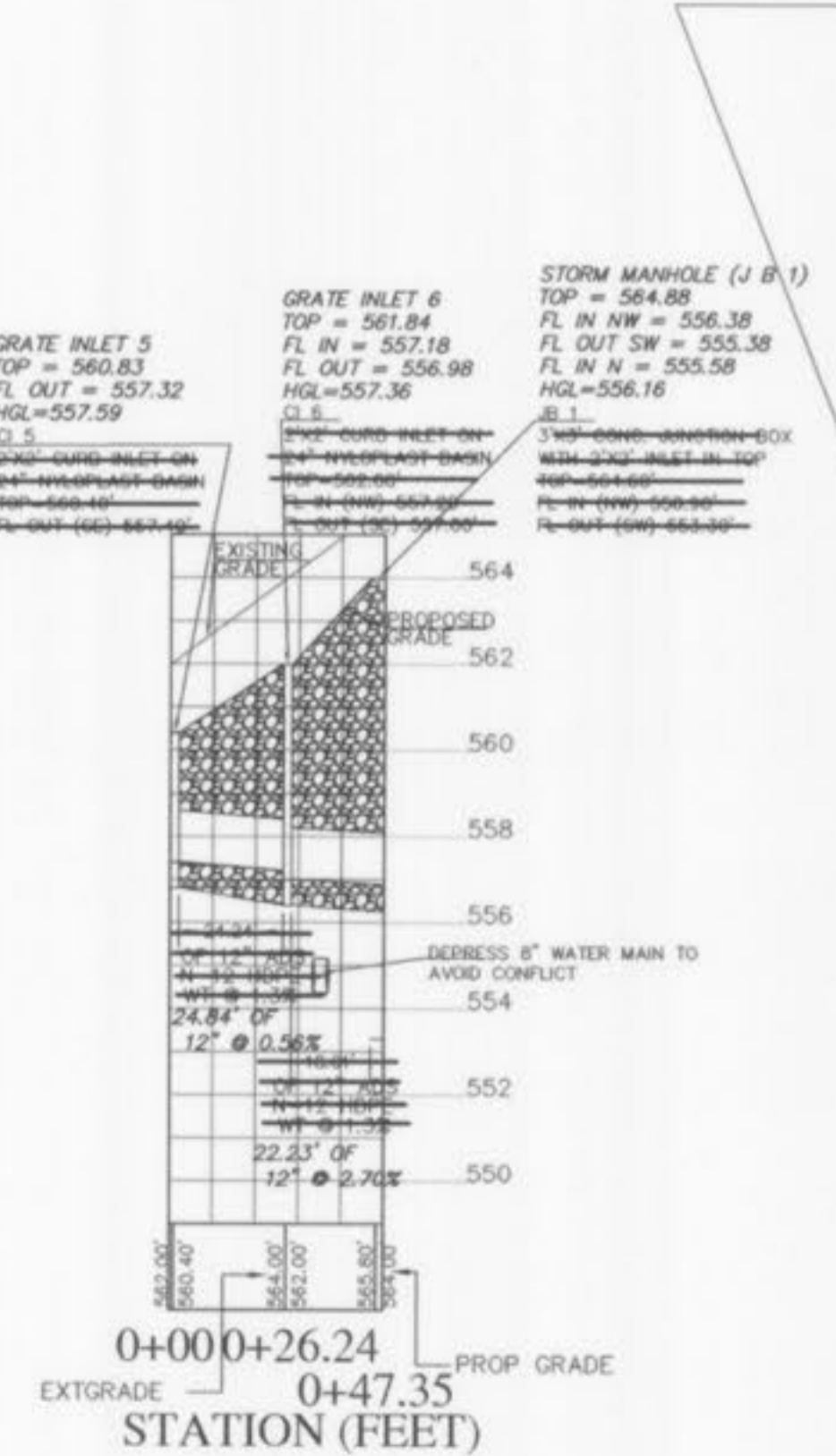
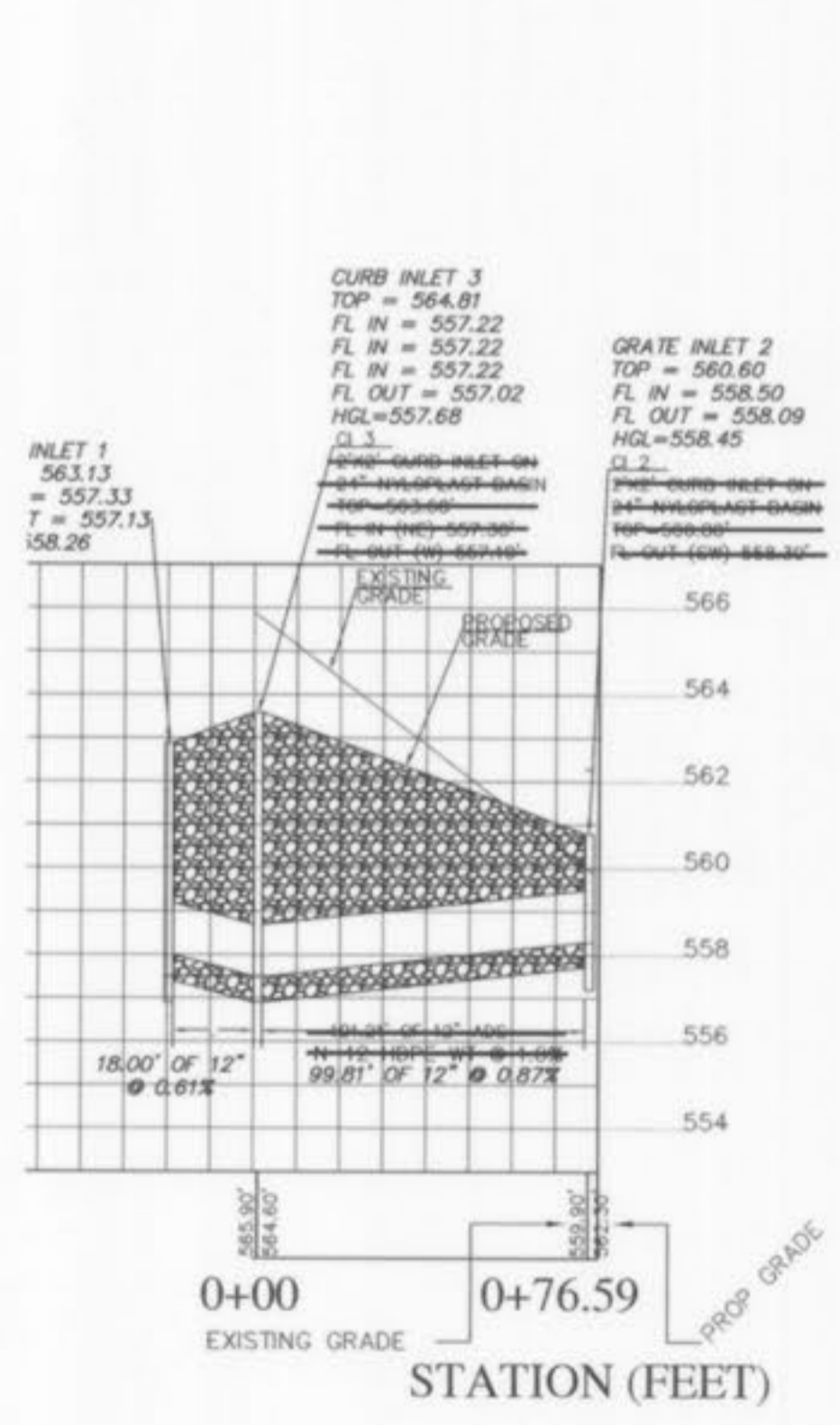
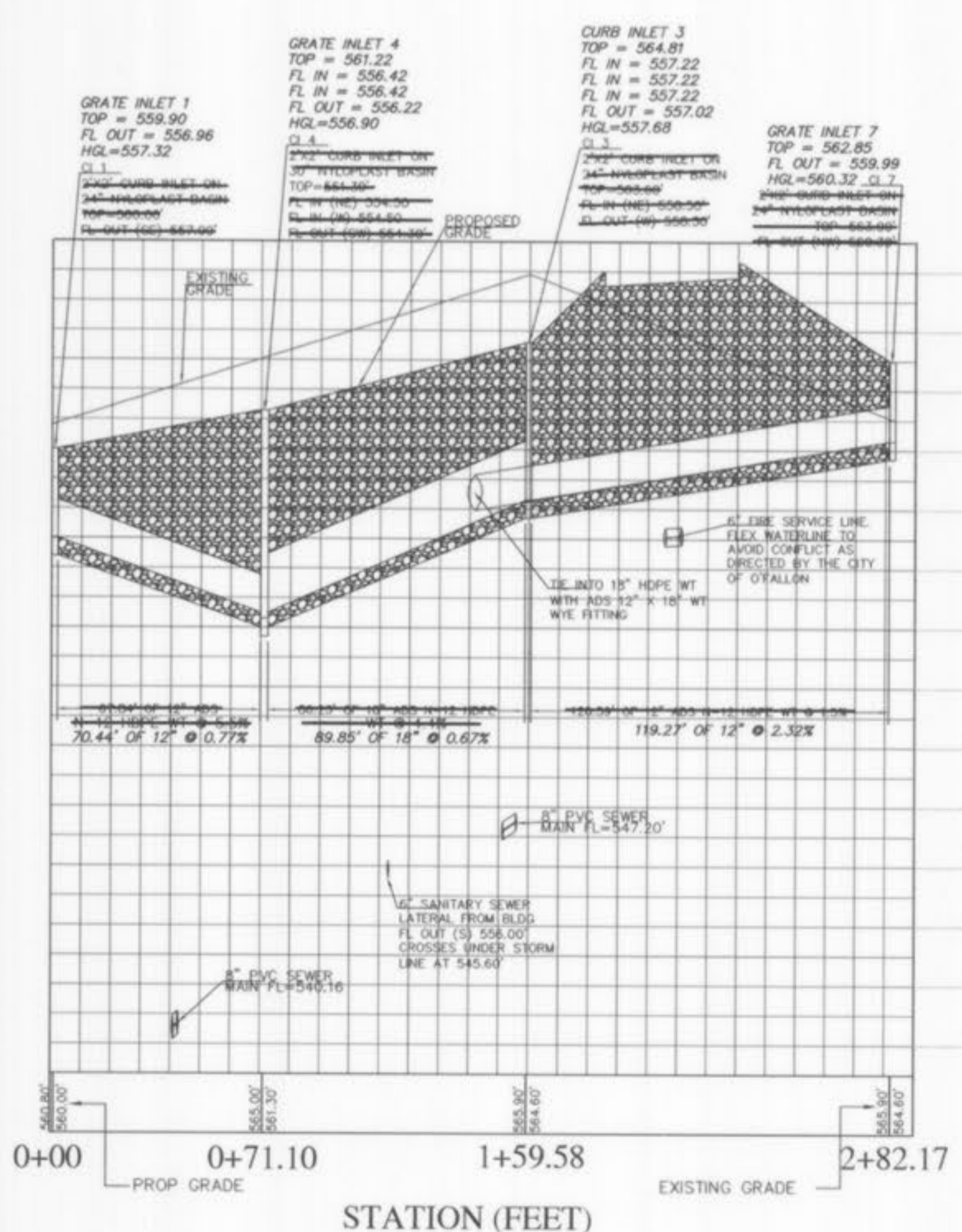
BASIN CROSS SECTION A-A'



BASIN CROSS SECTION B-B'



BASIN CROSS SECTION C-C'



2 STORM SEWER PROFILE
HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 0.25" = 1'

C6.1
AS-BUILTS ADDED 3-24-09

A SET OF AS-BUILT PLANS FOR
MILL POND APARTMENTS
 A TRACT OF LAND BEING PART OF
 FRACTIONAL SECTION 32
 TOWNSHIP 47 NORTH, RANGE 3 EAST
 OF THE FIFTH PRINCIPAL MERIDIAN
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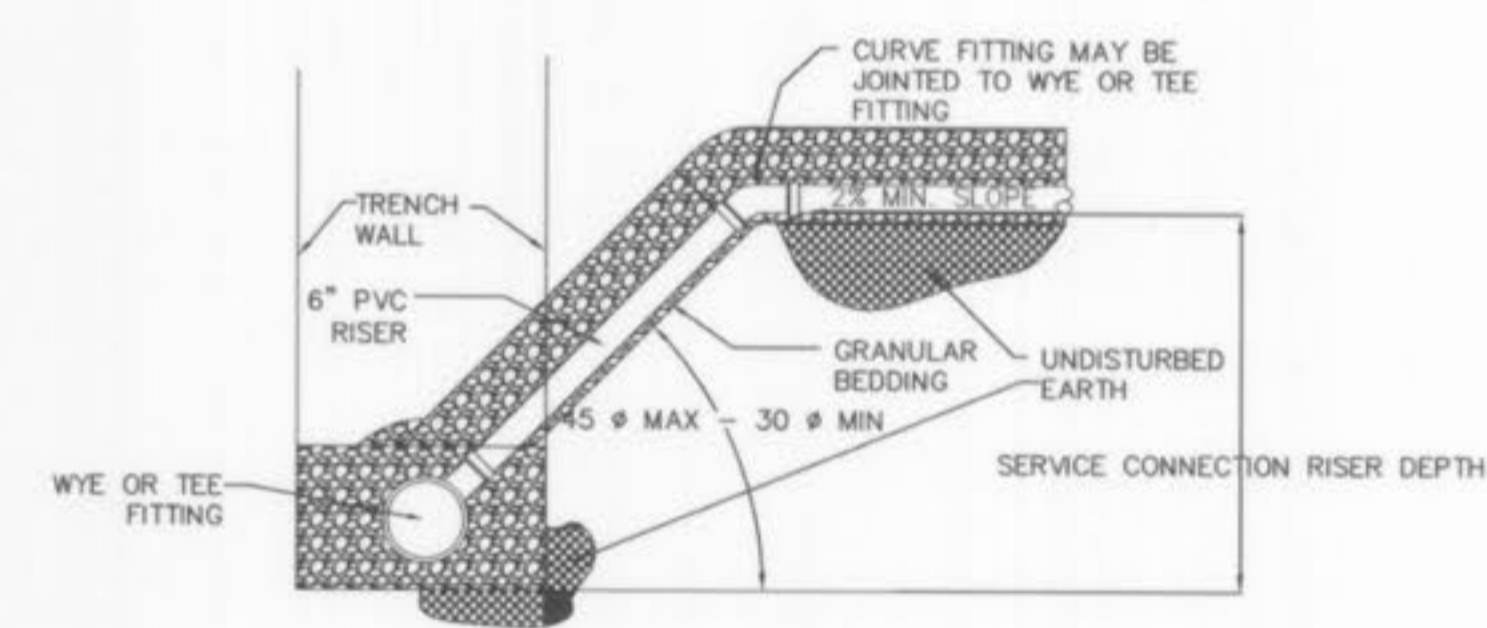
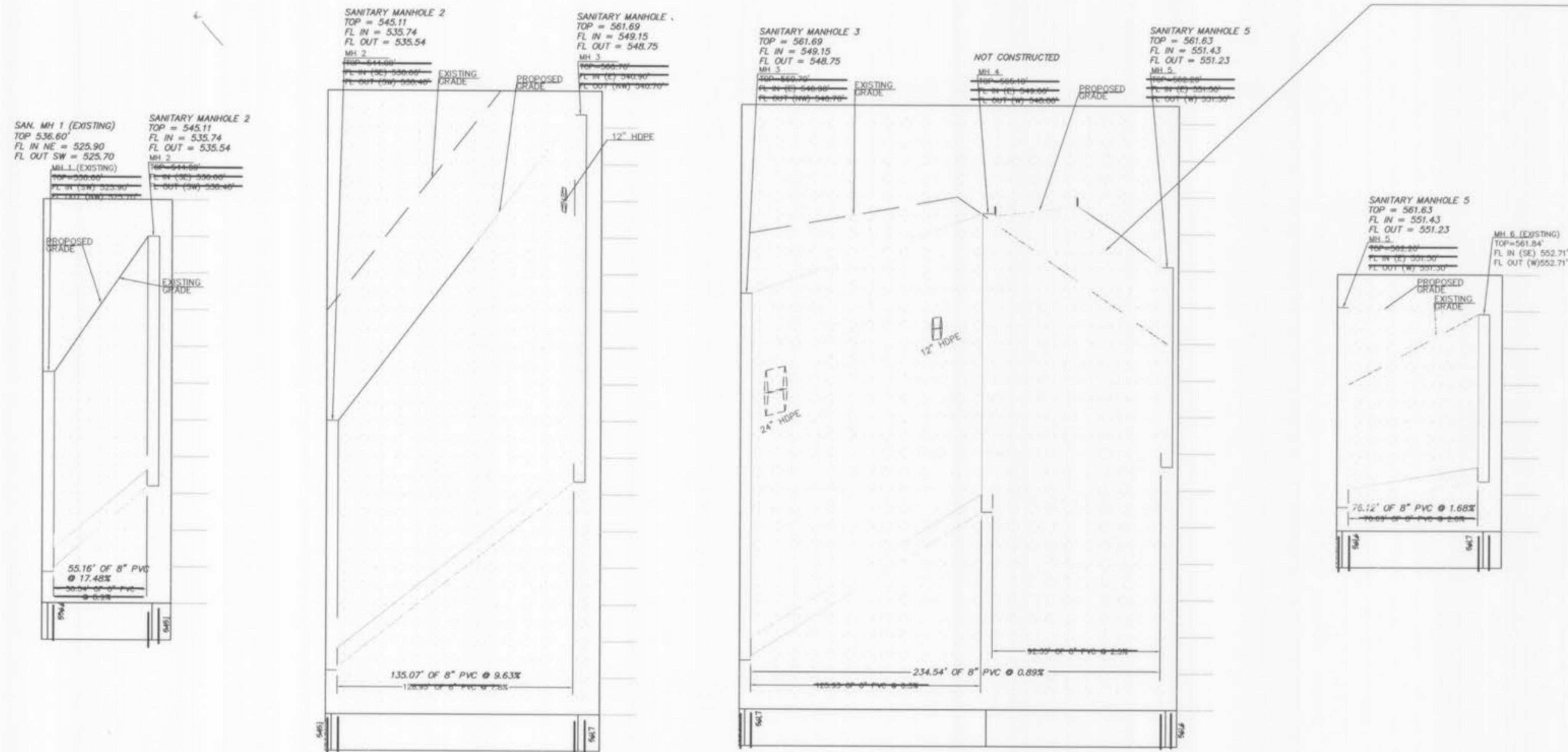
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SANITARY SEWER CONNECTION DETAIL
 SCALE: 1"=40'

C6.2

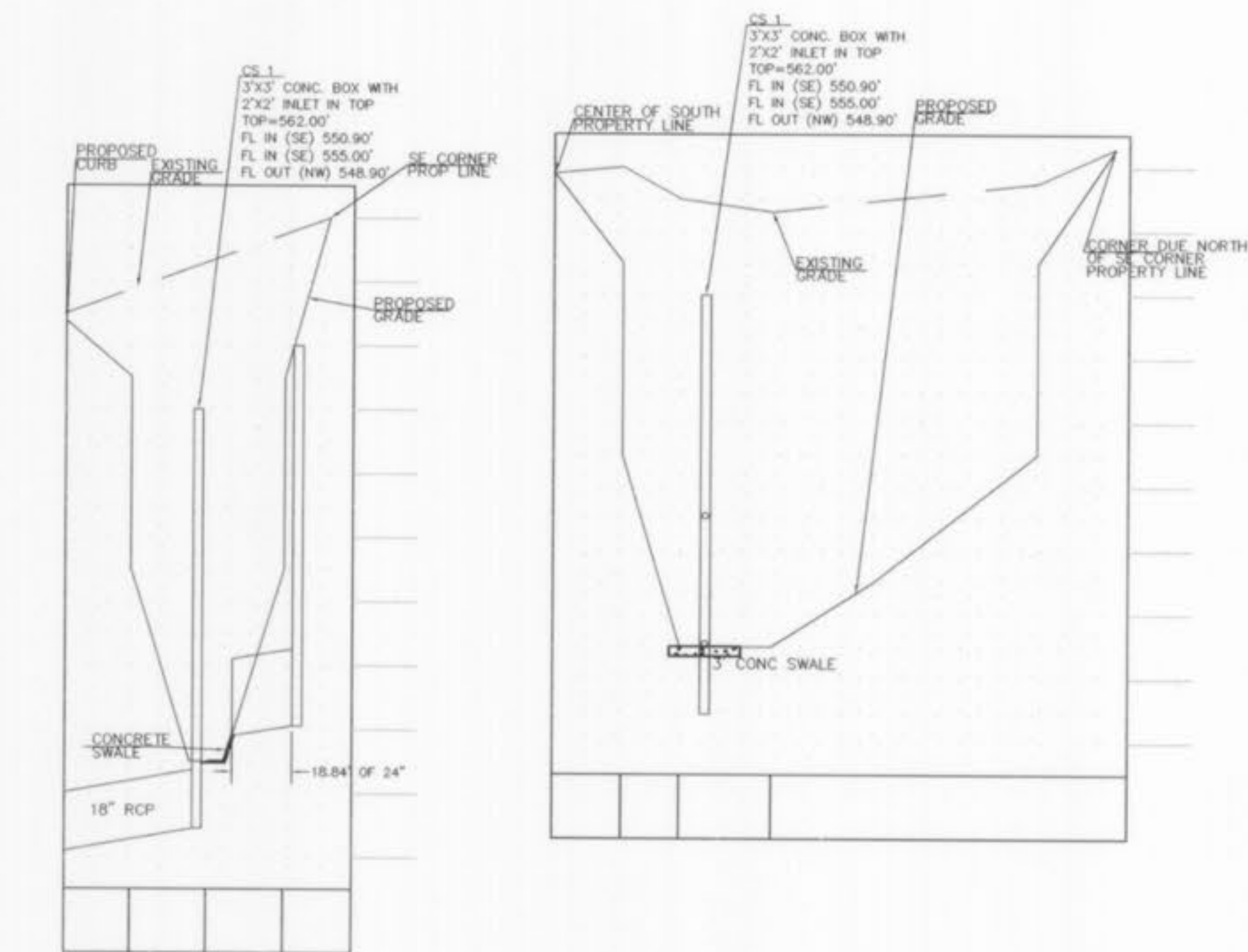
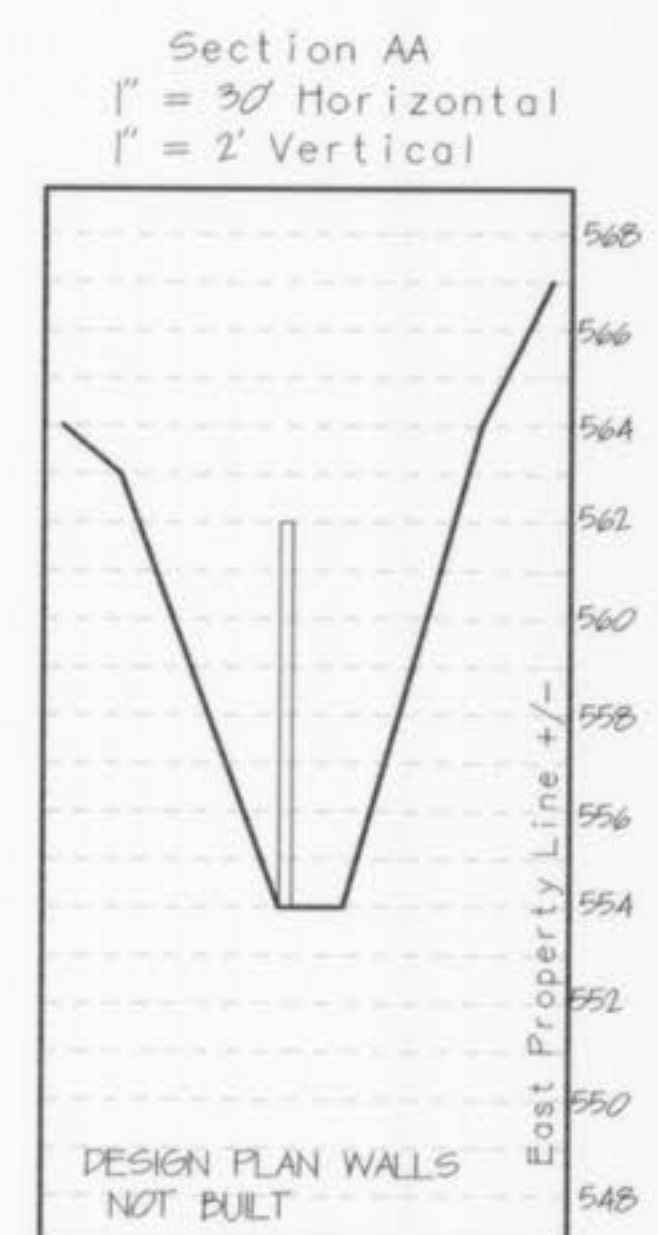
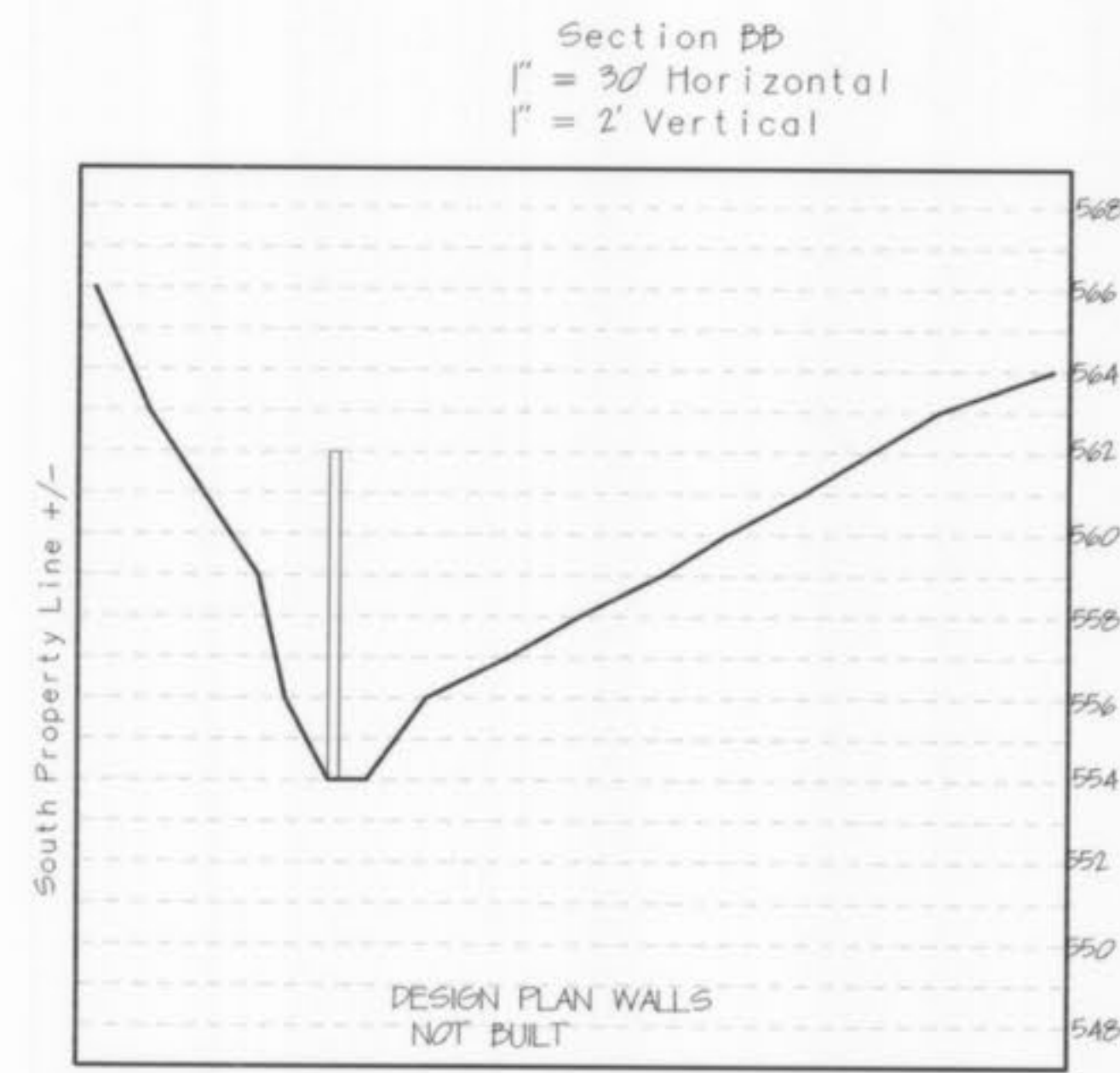
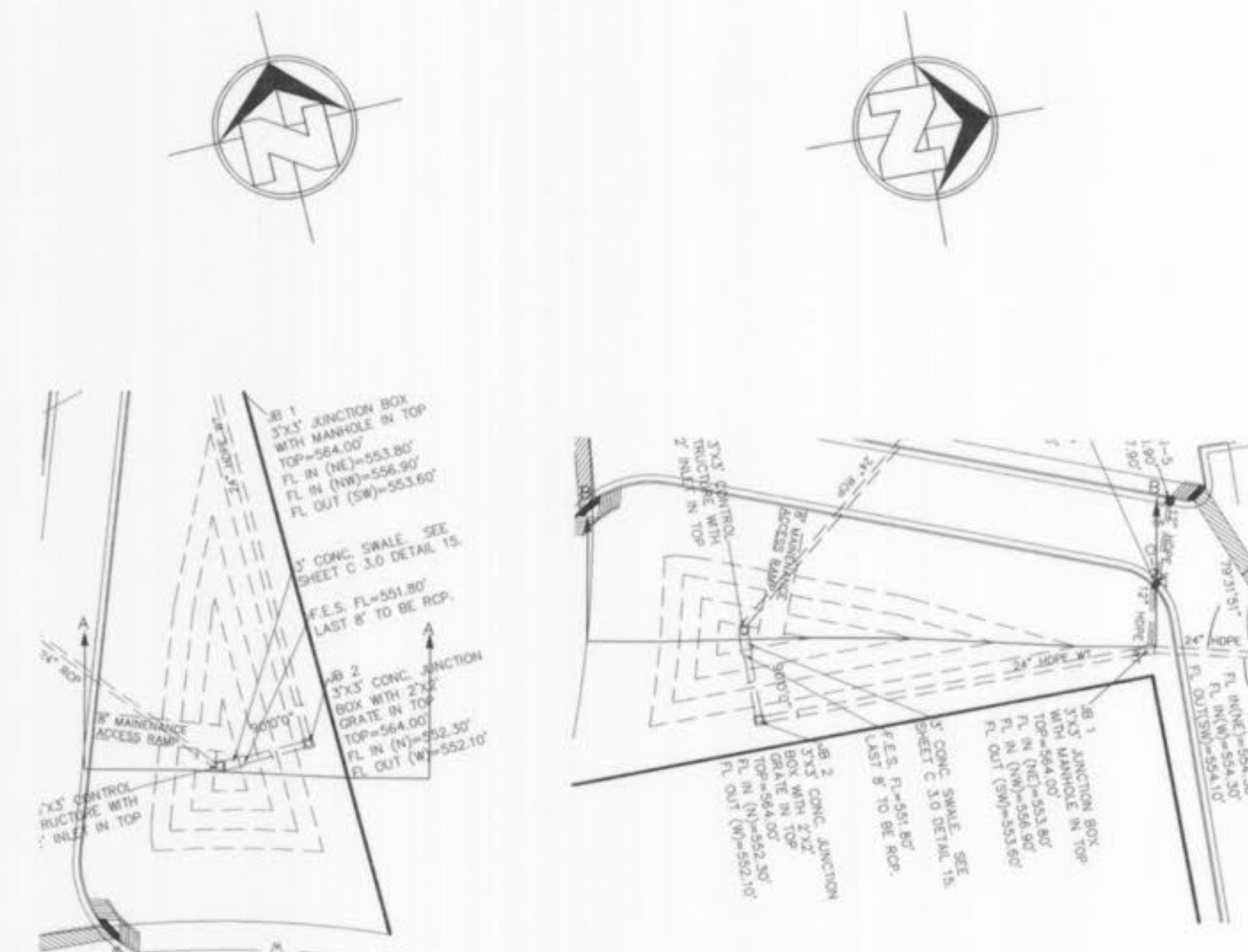
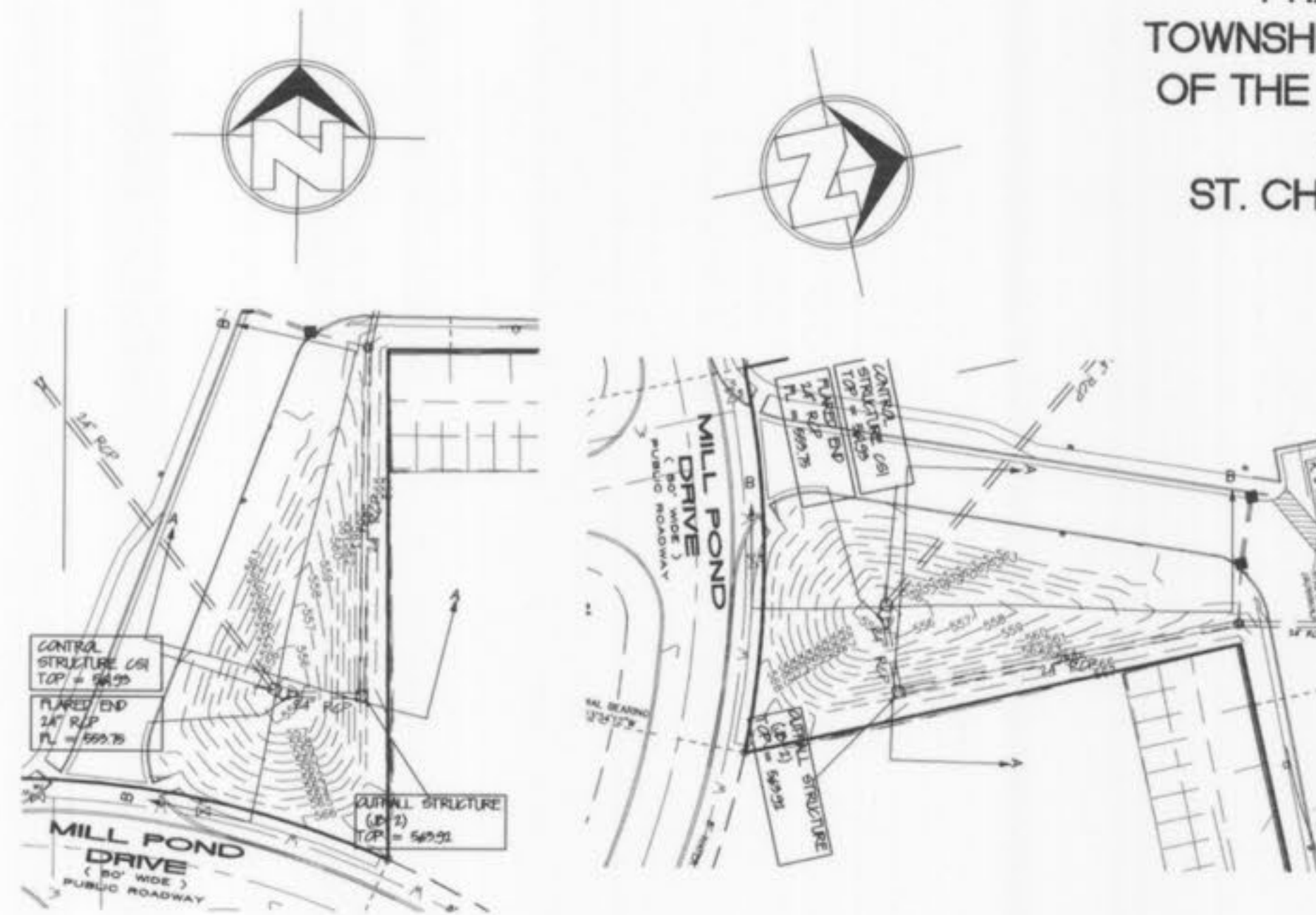
14
 AS-BUILTS ADDED 3-24-09

2 **SANITARY SEWER PROFILE**
 HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 0.25" = 1'

A SET OF AS-BUILT PLANS FOR

MILL POND APARTMENTS

A TRACT OF LAND BEING PART OF
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DETENTION BASIN SECTIONS Δ

C4.2

SCALE: HORIZONTAL 1"=40' VERTICAL 0.25"=1'-0"

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