

GENERAL NOTES

1. Underground utilities have been plotted from available information and therefore their locations 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 and/or construction of improvements.
2. Erosion control shall not be limited to what is shown on the plans. The contractor shall take whatever means necessary to prevent siltation from entering adjacent roadways, properties, ditches and siting up all storm drainage systems on site and in receiving channels. Such control might include channeling runoff into sediment basins, channeling runoff into areas where an extra row of straw bales are used. A silt fence might be considered, if necessary.
3. No area shall be cleared without permission of the developer.
4. Owner/Developer assumes full responsibility as to the performance of the grading operation and assurance that all properties and City/County and State roads will be adequately protected.
5. Soil preparation and re-vegetation shall be performed according to Appendix A of the Model Sediment and Erosion Control Regulations for Urban Development.
6. Where natural vegetation is removed during grading, vegetation shall be re-established in such a density as to prevent erosion. Permanent type grasses shall be established as soon as possible or during the next seeding period after grading has been completed. Refer to Appendix A of St. Charles Soil and Water Conservation District - Model Sediment and Erosion Control Regulations.
7. Site preparation includes the clearance of all stumps, trees, bushes, shrubs, and weeds; the grubbing and removal of roots and other surface obstructions from the site; and the demolition and removal of any man-made structures. The unsuitable material shall be properly disposed of off-site. Topsoil and grass in the fill areas shall be thoroughly disced prior to the placement of any fill. The Soils Engineer shall approve the discing operation.
8. Compaction equipment shall consist of tamping rollers, pneumatic-tired rollers, vibratory rollers or high speed impact type drum rollers acceptable to the Soils Engineer. The rollers shall be designed so as to avoid the creation of a layered fill without proper blending of successive fill layers.
9. The developer must supply the City construction inspectors with soil reports prior to or during soil testing.
10. The Soils Engineer shall observe and test the placement of the fill to verify that specifications are met. A series of fill density tests will be determined on each lift of fill. Interim reports showing fill quality will be made to the Owner at regular intervals.
11. The Soils Engineer shall notify the Contractor of rejections of a lift of fill or portion thereof. The Contractor shall rework the rejected portion of fill and obtain notification from the Soils Engineer of its acceptance prior to the placement of additional fill.
12. All areas to receive fill shall be scarified to a depth of not less than 6 inches and then compacted to at least 85 percent of the maximum density as determined by the Modified AASHTO T-180 Compaction Test (ASTM-D1557). Natural slopes steeper than 1 vertical to 5 horizontal to receive fill shall have horizontal benches cut into the slopes before the placement of any fill. The width and height to be determined by the Soils Engineer. The fill shall be loosely placed in horizontal layers not exceeding 8 inches in thickness and compacted in accordance with the specifications given below. The Soils Engineer shall be responsible for determining the acceptability of soils placed. Any unacceptable soils placed shall be removed at the Contractor's expense.
13. The sequence of operation in the fill areas will be: fill, compact, verify acceptable soil density, and repetition of the sequence. The acceptable moisture contents during the filling operation are those of which satisfactory dry densities can be obtained. The acceptable moisture contents during the filling operation in the remaining areas are from 2% to 8% above the optimum moisture content.
14. The surface of the fill shall be finished so that it will not impound water. If at the end of a day's work it would appear that there may be rain prior to the next working day, the surface shall be finished smooth. If the surface has been finished smooth for any reason, it shall be scarified before proceeding with the placement of succeeding lifts. Fill shall not be placed on frozen ground, nor shall filling operations continue when the temperature is such as to permit the layer under placement to freeze.
15. 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 (ASTM-D1557) or 95% of maximum density as determined by the Standard Proctor Test AASHTO T-99. All fill placed in proposed roads shall be 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 records 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.
16. Fill placed within proposed street R.O.W. shall be compacted to 90% M.O.D. Proctor and be no more than 3% above optimum moisture content. Soils compaction to be verified to be within these limits within this grading area.
17. Soft soil in the bottom and banks of any existing or former pond site should be removed, spread out and permitted to dry sufficiently to be used as fill. None of this material should be placed in proposed right-of-way locations or on storm sewer locations.
18. If straw bales or silt fences are destroyed by heavy rains, vandalism, etc., they are to be replaced immediately by contractor.
19. When grading operations are completed or suspended for more than thirty (30) days, permanent grass must be established of sufficient density to provide erosion control on the site. Between permanent grass seeding periods, temporary cover shall be provided according to the Designated Official's recommendation. Refer to Appendix A of St. Charles Soil and Water Conservation District - Model Sediment and Erosion Control Regulations.
20. All erosion control systems shall be inspected and necessary corrections made within 24 hours of any rainstorm resulting in one-half inch of rain or more.
21. Debris and foundation material from any existing on-site building or structure which is scheduled to be razed for this development must be disposed of off-site.
22. The total yardage of this project is based on a 15% ± shrinkage factor.
23. The shrinkage factor is subject to change, due to soil conditions (types and moisture content), weather conditions, and the percentage of compaction actually achieved at the time of the year grading is performed. As a result, adjustments in final grade may be required. If adjustments need to be made, the contractor shall contact St. Charles Engineering and Surveying, Inc. prior to completion of the grading.
24. The vertical grading tolerance shall be plus or minus 0.2 feet for all rough grading.
25. The Contractor shall prevent all storm/surface water, mud or construction debris from entering the sanitary sewer system.
26. The most stringent of the above requirements shall apply.
27. All utilities shall be located underground.
28. Driveway locations shall not interfere with the sidewalk handicap ramps.
29. All sidewalks and curb ramps shall be constructed in accordance with the current approved "American with Disabilities Act Accessibility Guidelines" (ADAAC) along with required grades, construction materials, specifications and signage. If any conflict occurs between the above information and the plans, the ADAAC guidelines shall take precedence and the contractor prior to any construction shall notify the Project Engineer.
30. All sign post and backs and bracket arms shall be painted black using Corraline Rustbond Penetrating Sealer SG and Corraline 133 HB paint (or equivalent as approved by City and MoDOT).
31. All street signs and traffic signals shall be colored black in accordance with the approved MoDOT specifications.
32. All proposed fencing requires a separate permit through the Planning Division.
33. Any proposed pavilions or playground areas will need a separate permit from the Building Division.
34. All sign locations and sizes must be approved separately through the Planning Division.
35. City approval of the construction site plans does not mean that single family and two family dwelling units can be constructed on the lots without meeting the building setbacks as required by the Zoning Code.
36. Prior to issuance of building permits for more than 30% of the total units, building permits for all of the recreational amenities shall be pulled. Prior to the issuance of building permits for 40% of the total units, all of the recreational amenities shall be open for use.
- ADDITIONAL GRADING NOTES

Sediment and erosion control shall not be limited to the measures shown on the plans. The contractor, with the approval of the City inspector, shall utilize best management practices to prevent sediment from entering adjacent properties, roadways, storm sewers, and drainageways.

All filled places under proposed storm and sanitary sewer lines and/or paved areas including trench backfills within and off the road right-of-way shall be compacted to 90 percent of maximum density as determined by the "Modified AASHTO T-180 Compaction Test (ASTM D-1557)" or 95% of maximum density as density as determined by the Standard Proctor Test AASHTO T-99. All tests shall be verified by a Soils Engineer concurrent with grading and backfilling operations.

All filled places in proposed roads (highways) shall be compacted from the bottom of the fill up to 90 percent maximum density as determined by the "Modified AASHTO T-180 Compaction Test" (ASTM D-1557) or 95% of maximum density as determined by the Standard Proctor Test AASHTO T-99. Paved areas in cuts shall meet the same compaction requirements. All tests shall be verified by the Soils Engineer concurrent with grading and backfilling operations.

Any wells and/or springs which may exist on this property shall be located and sealed in a manner acceptable to the City of O'Fallon Engineering Department.

All trash and debris on-site, either existing or from construction, must be removed and properly disposed of off-site.

Soft soils in the bottom and banks of any existing or former pond sites or tributaries or any sediment basins or traps should be removed, spread out and permitted to dry sufficiently to be used as fill. None of this material should be placed in proposed public right-of-way locations or on any storm sewer location.

All excavations, grading, or filling shall have a finished grade not to exceed a 3:1 slope (33%).

Temporary siltation control measures (structural) shall be maintained until vegetative cover is established at a sufficient density to provide erosion control on the site. Upon completion of storm sewers, siltation control shall be provided around all open sewer inlets and shall remain until the disturbed drainage areas have been properly stabilized.

Where natural vegetation is removed during grading, vegetation shall be re-established in such a density as to prevent erosion.

All finished grades (areas not to be disturbed by future improvement) in excess of 20% slopes (5:1) shall be mulched and tacked at the rate of 1 pound per 1,000 square feet when seeded.

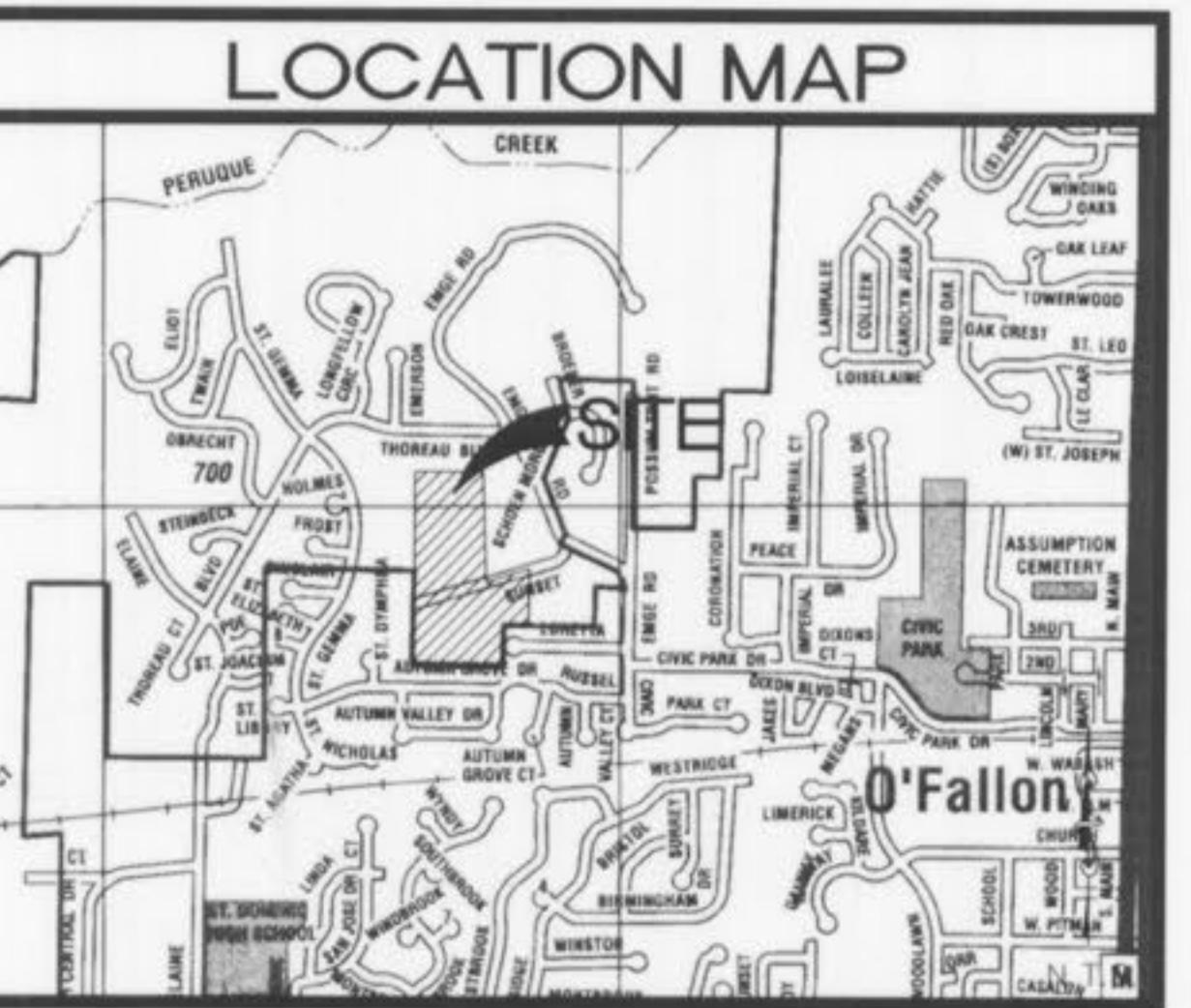
All paving shall be in accordance with St. Charles County standards and specifications except as modified by the City of O'Fallon ordinances.

All sanitary and storm sewer structures shall be pre-cast.

Any off-site disturbances shall be replaced with sod.

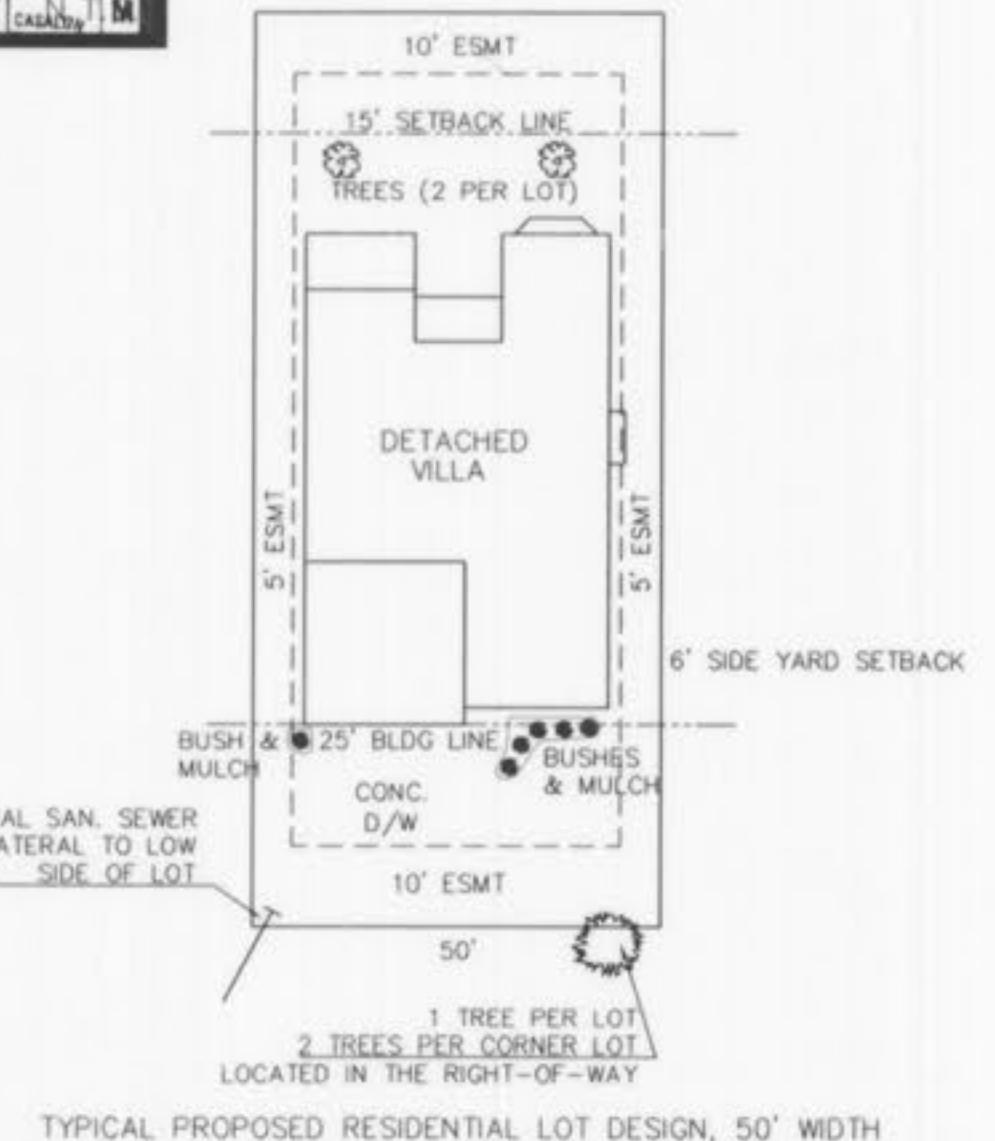
SUNSET HILL CAREFREE COMMUNITY LIVING "AS-BUILT"

SEVERAL TRACTS OF LAND BEING PART OF O'FALLON GARDENS AS RECORDED IN PLAT BOOK 5 PAGE 8 BEING PART OF SECTION 20, TOWNSHIP 47 NORTH, RANGE 3 EAST



WATER MAIN NOTES:

1. All PVC pipe used for waterlines is to be certified by NSF, listed in NSF Standard 61, and have the NSF logo stamped on the pipe.
2. All new, cleaned, or repaired water mains shall be disinfected in accordance with the latest edition of AWWA Standard C651.
3. Water mains shall be laid at least ten feet horizontally from any existing or proposed sewer. The distance shall be measured edge to edge.
4. Water mains crossing sewer shall be laid to provide a minimum vertical clear distance of 18 inches between the outside of the water main and the outside of the sewer. At crossings, the full length of water pipe shall be located so both joints will be as far from the sewer as possible but in no case less than ten feet.
5. The installation of Mains, Separation of Water Mains and Sanitary sewers shall be in conformance with the requirements stated in the Design Guide for Community Water Systems published by the Missouri Department of Natural Resources, Public Drink Water Program effective 29 August 2003.

REV MDNR COMMENTS
02-03-05

TYPICAL PROPOSED RESIDENTIAL LOT DESIGN, 50' WIDTH

THE EXISTING SEWER LENGTHS, SIZES, FLOW LINES, DEPTHS OF STRUCTURES AND SEWERS AND LOCATIONS WITH RESPECT TO EXISTING OR PROPOSED EASEMENTS HAVE BEEN MEASURED. THE RESULTS OF THOSE MEASUREMENTS ARE SHOWN ON THIS SET OF AS-BUILT 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.

ST. CHARLES ENGINEERING AND SURVEYING, INC.
MICHAEL NEWMELL MEINERS
MISSOURI PROFESSIONAL ENGINEER NUMBER E-22483

PROPOSED NUMBER OF LOTS: 87

OWNER
HELMUT WEBER
1707 SOUTH HENKE ROAD
LAKE ST. LOUIS, MO 63367
636-561-4466

"AS-BUILT"

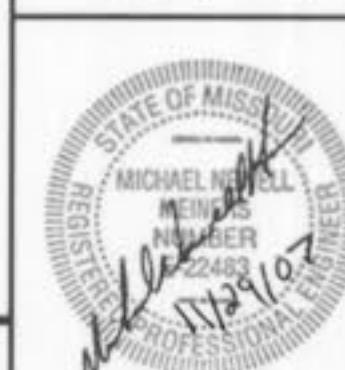
INDEX
1
2-3
4-5
6-7
8
8A
8B
9-10-11
12-13
14-15
16-17
18-19
20
21
D-1
D-2
D-3 to D-5
D-6 to D-7
D-8 to D-9
D-10

TITLE SHEET
FLAT PLAN
GRADING PLAN
STREET PROFILE
OFFSITE IMPROVEMENTS
OFFSITE IMPROVEMENTS
OFFSITE IMPROVEMENTS
SANITARY PROFILES
STORM PROFILES
STORMWATER DETENTION
DRAINAGE AREA MAP
WATER MAIN PLAN
LANDSCAPING PLAN
RETAINING WALL PLAN
PAVEMENT PLAN
SIDEWALK DETAIL
STORM DETAILS
SANITARY DETAILS
WATER DETAILS
MISCELLANEOUS DETAILS

LEGEND

	SANITARY STRUCTURE
	STORM STRUCTURE
	TEST HOLE
	POWER POLE
	LIGHT STANDARD
	CURB INLET
	DOUBLE CURB INLET
	GRADE INLET (EXISTING)
	AREA INLET (EXISTING)
	DOUBLE AREA INLET
	FLARED END SECTION
	END PIPE
	ENERGY DISSIPATOR
	MANHOLE
	REINFORCED CONCRETE PIPE
	CORRUGATED METAL PIPE
	CAST IRON PIPE
	PVC
	VITRIFIED CLAY PIPE
	GUY WIRE
	SIGN
	POST
	WATER METER
	SILT
	DIVERSION SWALE
	PROVIDE DITCH CHECKS EVERY 150'
	WALKOUT LOT
	STANDARD LOT
	LOOKOUT LOT

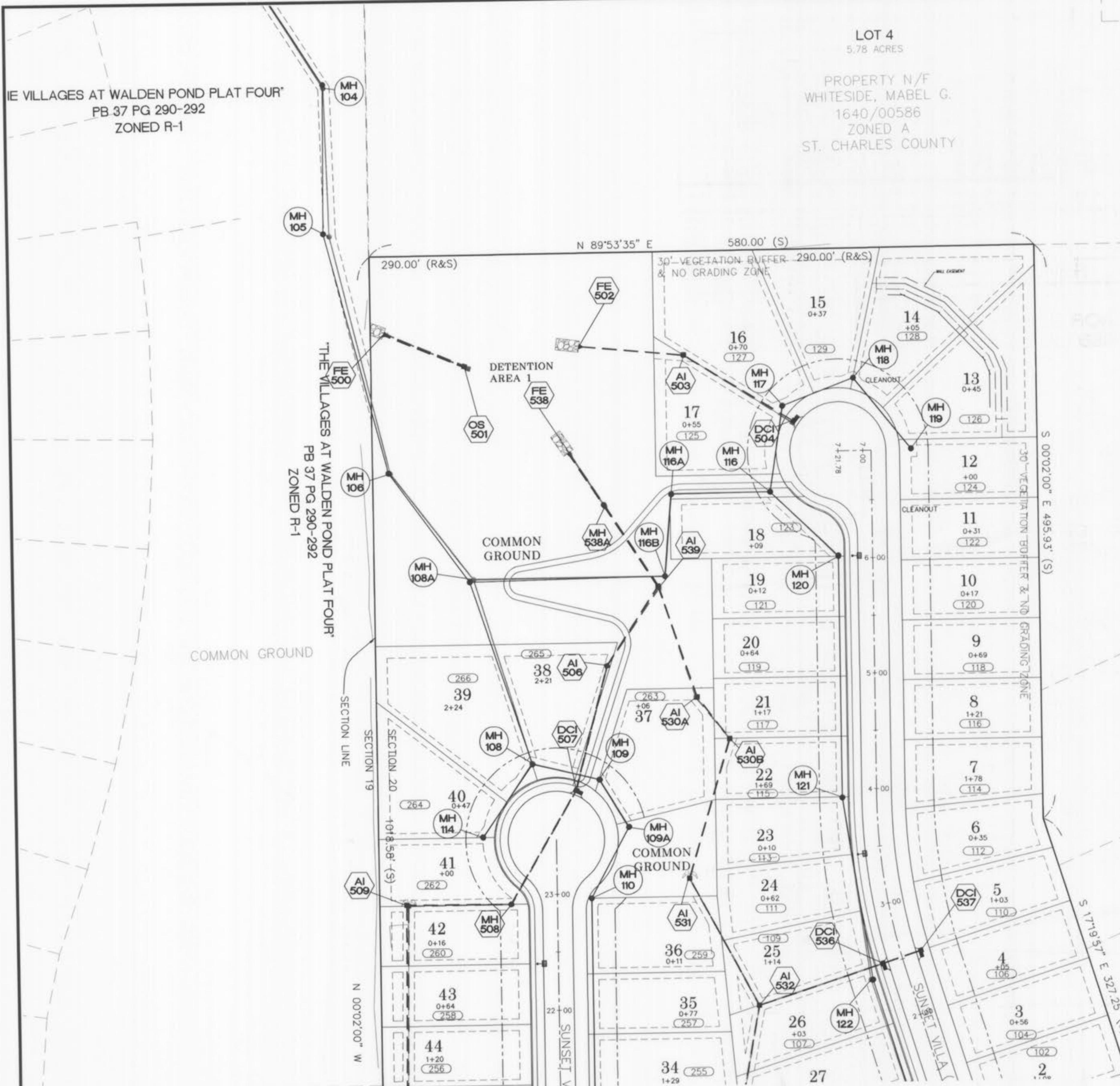
ENGINEERS AUTHENTICATION	
The responsibility for the professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in the project and specifically excludes revisions after this date unless reauthenticated.	
ORDER NO. 030755	
DATE 10/11/05	
O'FALLON FILE NUMBER 4003.02	



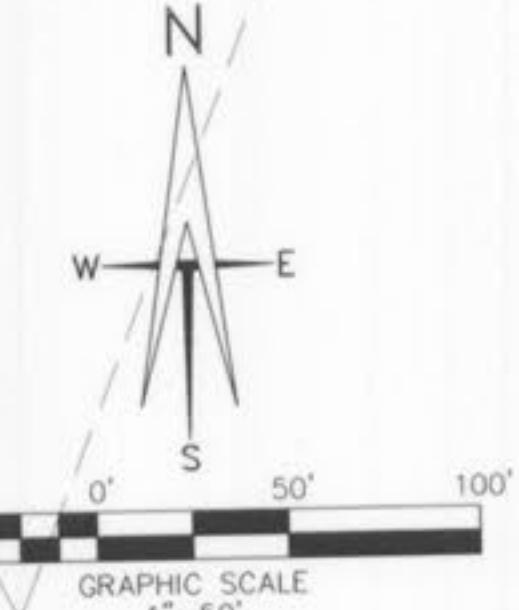
STATE OF MISSOURI
MICHAEL NEWELL MEINERS
NUMBER E-22483
PROFESSIONAL ENGINEER
10/11/05

ST. CHARLES ENGINEERING & SURVEYING, INC.
801 S. FIFTH STREET, SUITE 202
ST. CHARLES, MO 63301 (636) 947-2445
TEL: (636) 947-0607 FAX: (636) 947-2445

SUNSET HILL
CAREFREE COMMUNITY
"AS-BUILT"



THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE OR 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.



"AS-BUILT"

LOT 7
3.10 ACRES

PROPERTY N/F
WHITESIDE, MABEL G.
1640/00586
ZONED A
ST. CHARLES COUNTY

PART OF LOT 8
PROPERTY N/F
CARY, BARBARA J.
1301/00217
ZONED A
ST. CHARLES COUNTY

PART OF LOT 8

SANITARY MANHOLE
TOP 579.25
FL IN - 573.85
FL OUT - 573.47
CONCRETE DRIVEWAY

SANITARY MANHOLE
TOP 578.72
FL IN - 572.53
FL OUT - 572.50
PROPOSED DRIVEWAY

RESUBDIVISION OF PART OF LOT
AND 9 OF O'FALLON GARDENS F
BOOK 39 PAGE 381
ZONED R-1

PART OF LOT 9

PROPERTY N/F
CARY, BARBARA J.
1301/00217
CITY OF O'FALLON

TEMPORARY
CONSTRUCTION
EASEMENT



SUNSET HILL
CAREFREE COMMUNITY
FLAT PLAN
"AS-BUILT"

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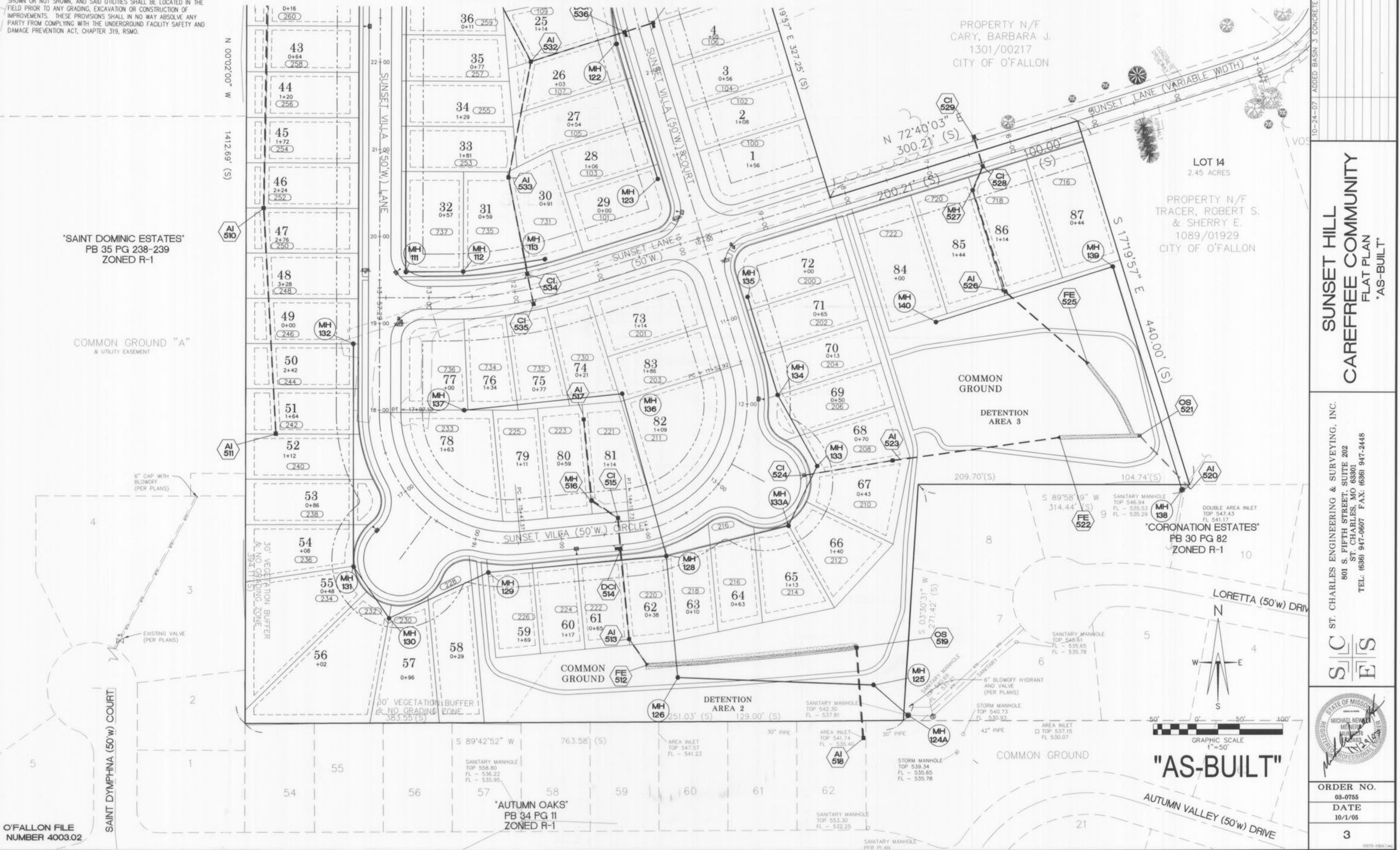
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10/11/05

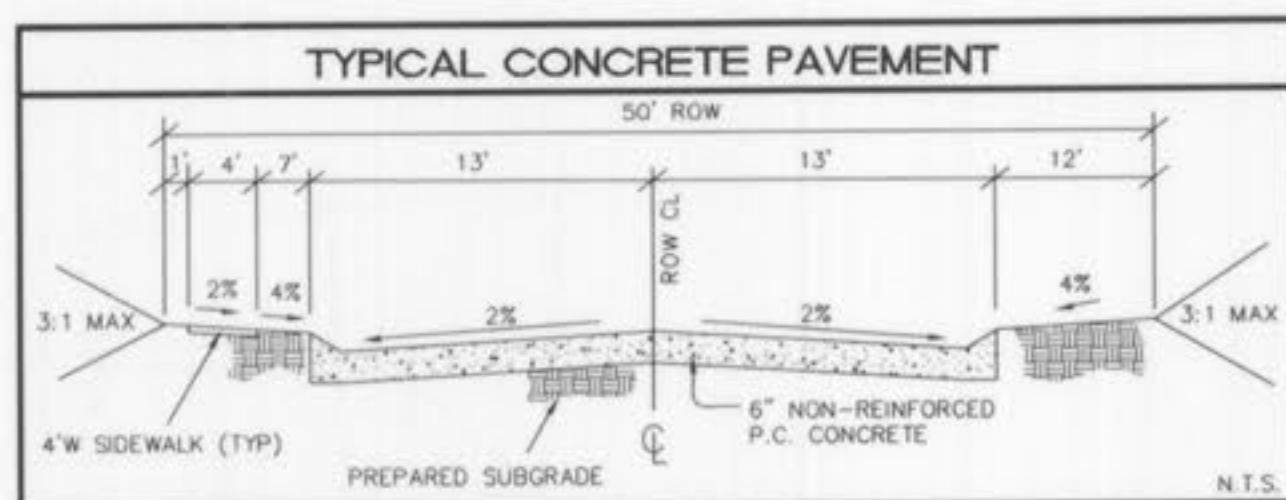
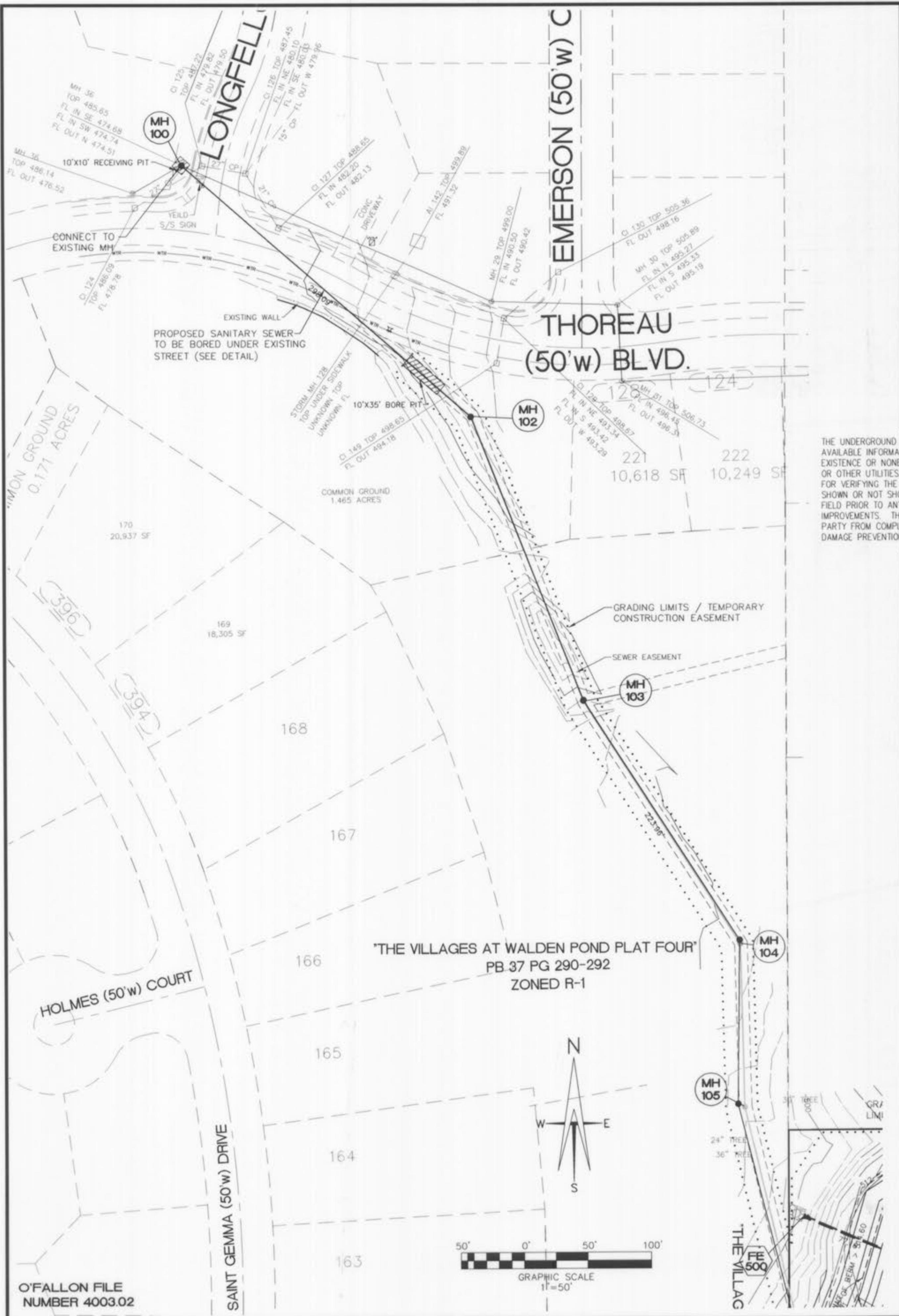
THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE OR NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND 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.

SEE SHEET

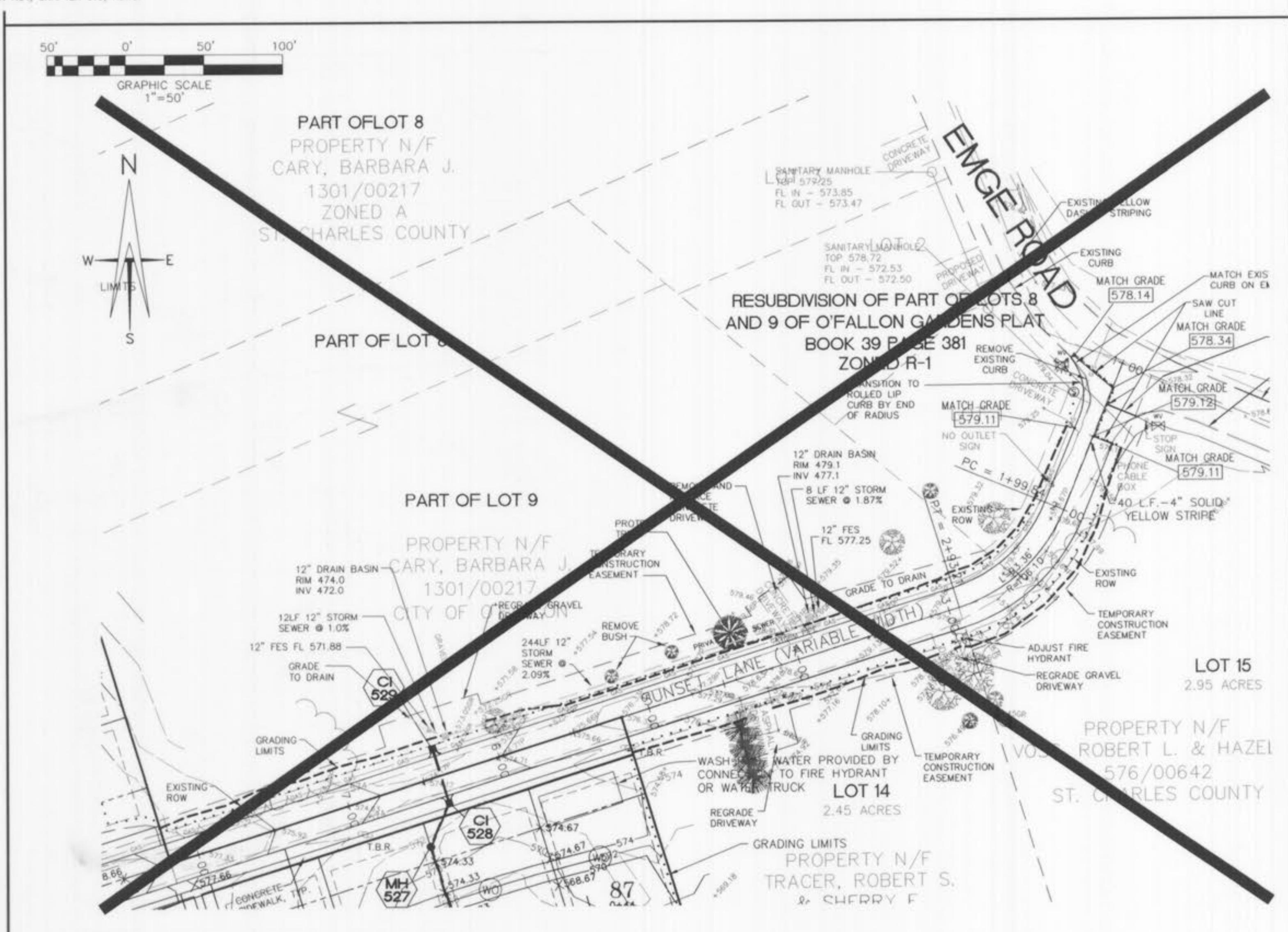
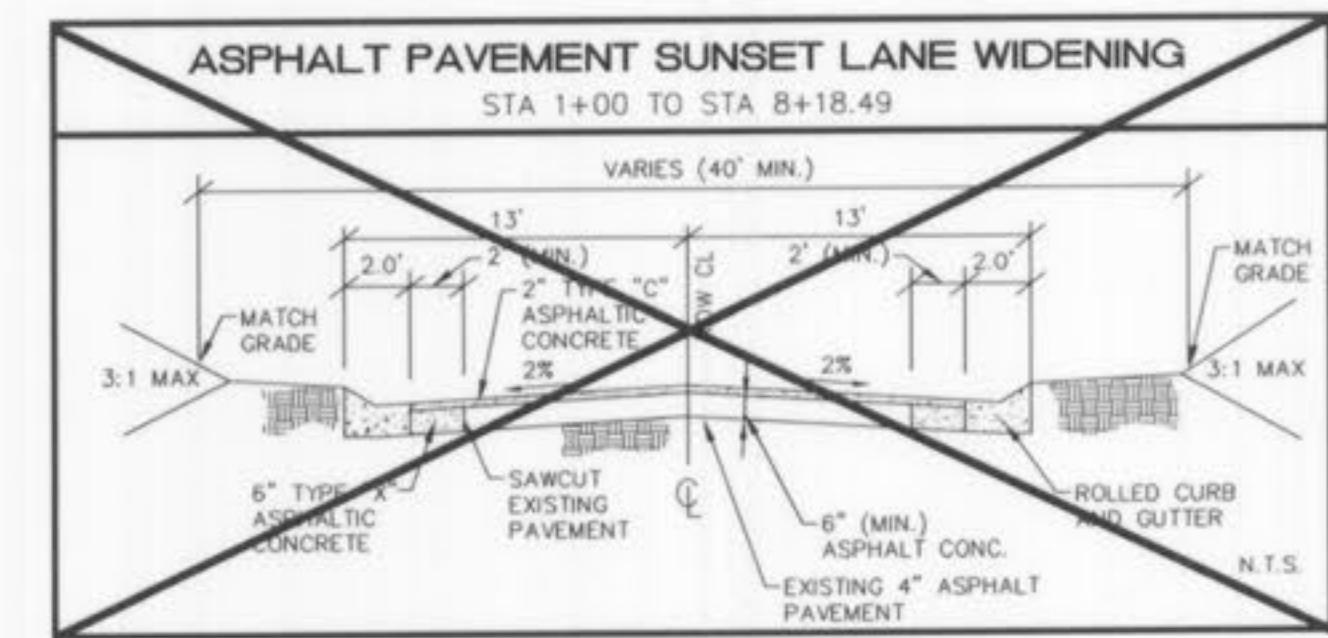
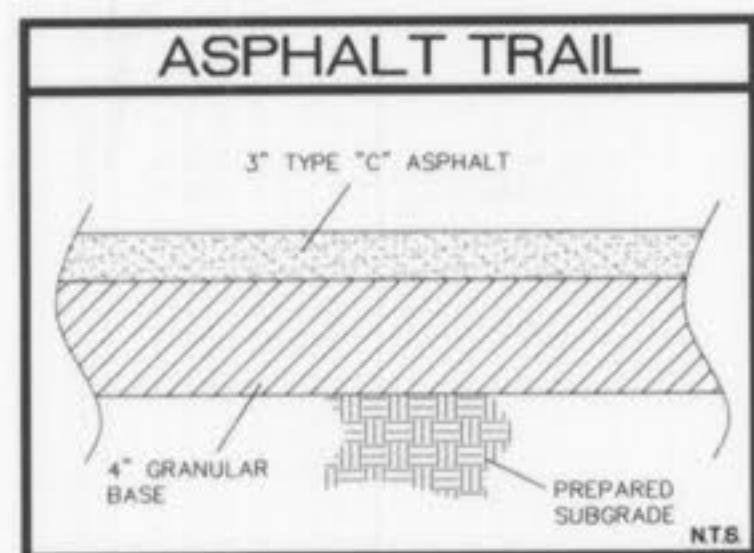
"SAINT DOMINIC ESTATES"
PB 35 PG 238-239
ZONED R-1

**COMMON GROUND "A"
& UTILITY EASEMENT**





NOTE: EARTH SUBGRADE MUST MEET CITY OF O'FALLON LOAD BEARING REQUIREMENTS. IF SOIL TESTING DETERMINES THAT THE SUBGRADE DOES NOT MEET CITY OF O'FALLON REQUIREMENTS, THEN THE SUBGRADE SHALL HAVE A LIME STABILIZATION BASE OR EQUAL AS APPROVED BY THE CITY OF O'FALLON.



"AS-BUILT"

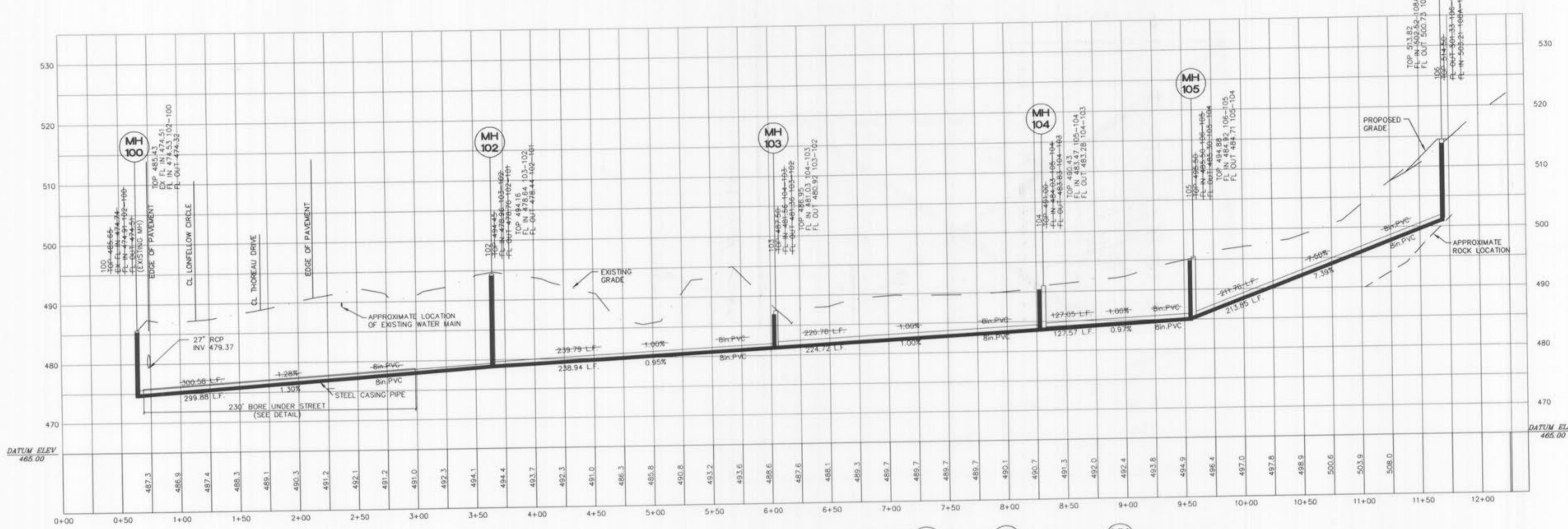
SUNSET HILL CAREFREE COMMUNITY OFFSITE IMPROVEMENTS "AS-BUILT"

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801 S. FIFTH STREET, SUITE 202
ST. CHARLES, MO 63301
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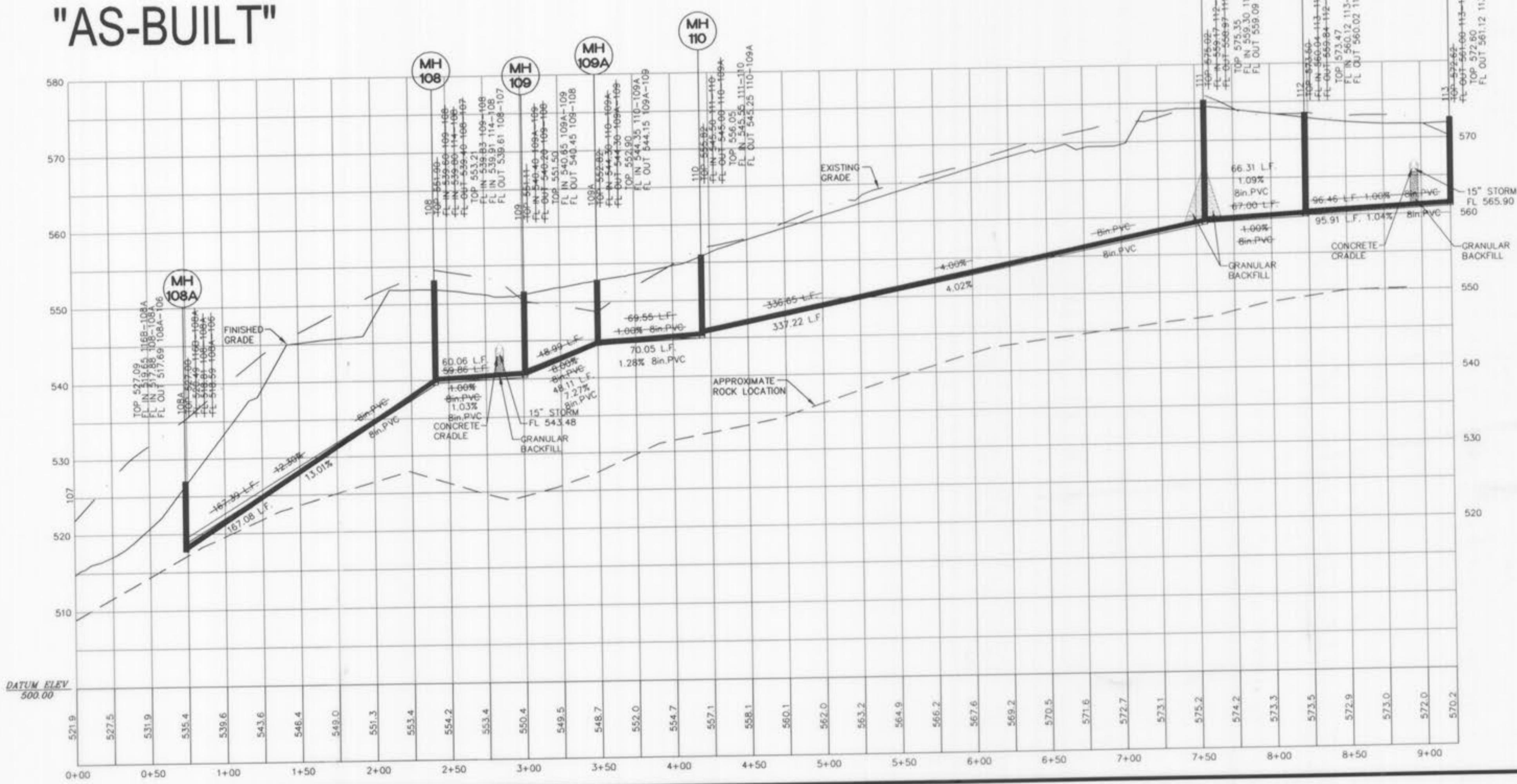
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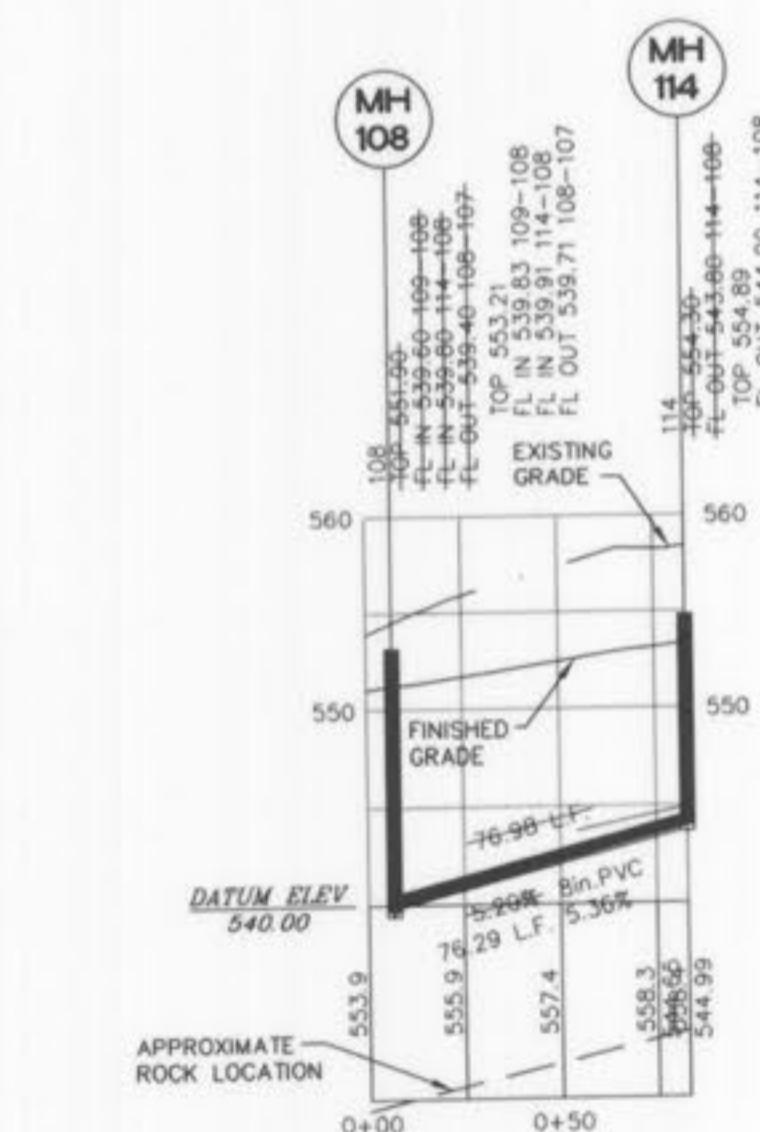
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DATE	10/11/05



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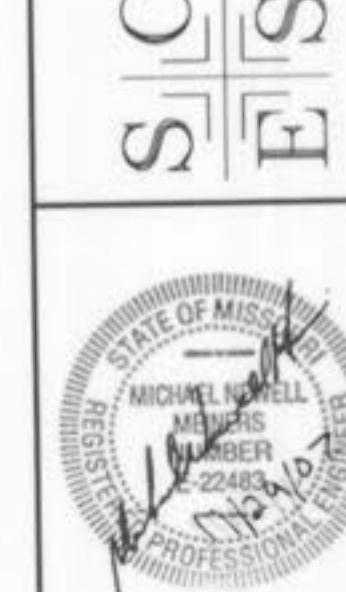


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MH 106	514.50	513.82	-0.68
MH 108	551.90	553.21	1.31
MH 114	554.30	554.89	0.59



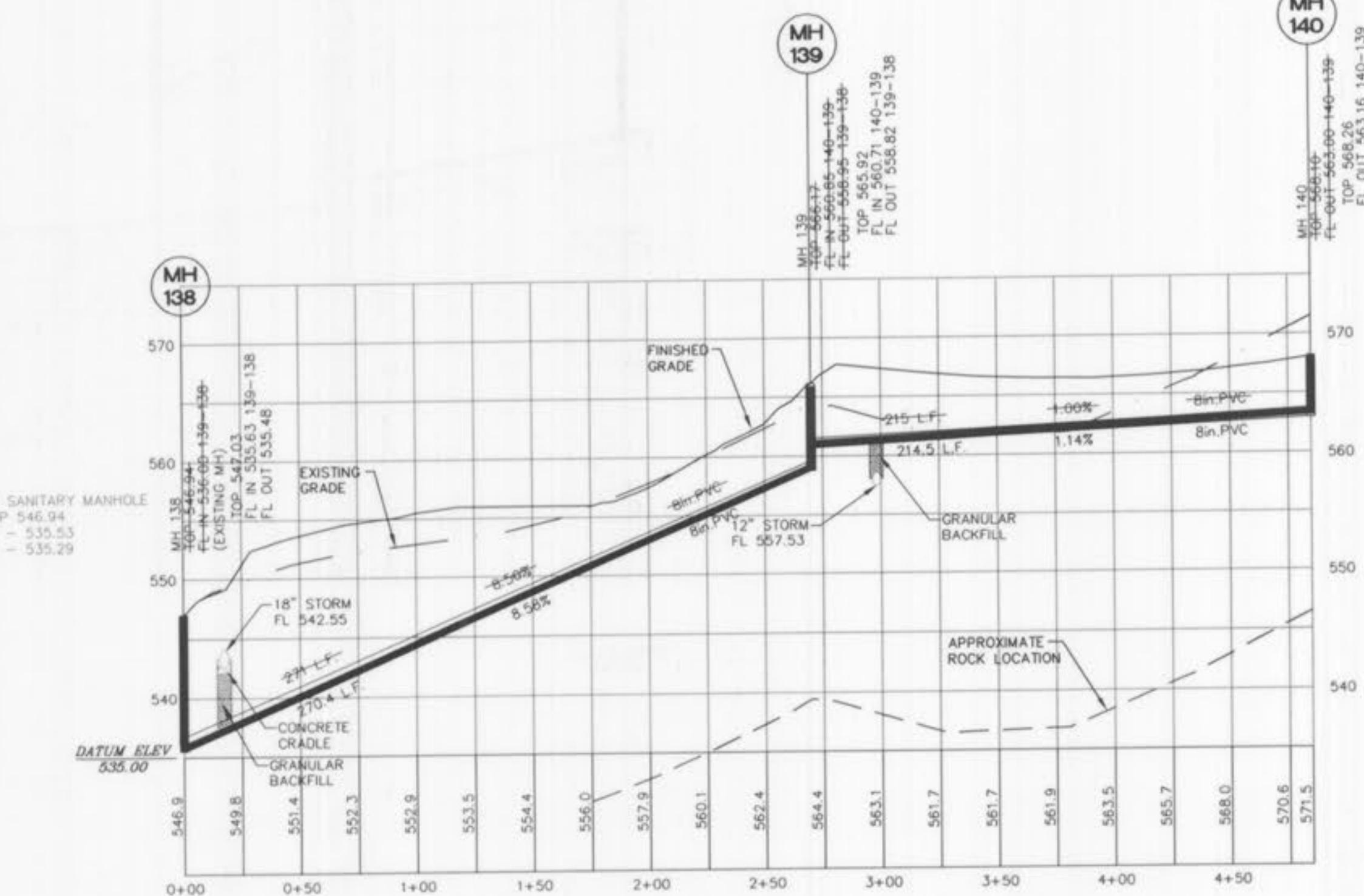
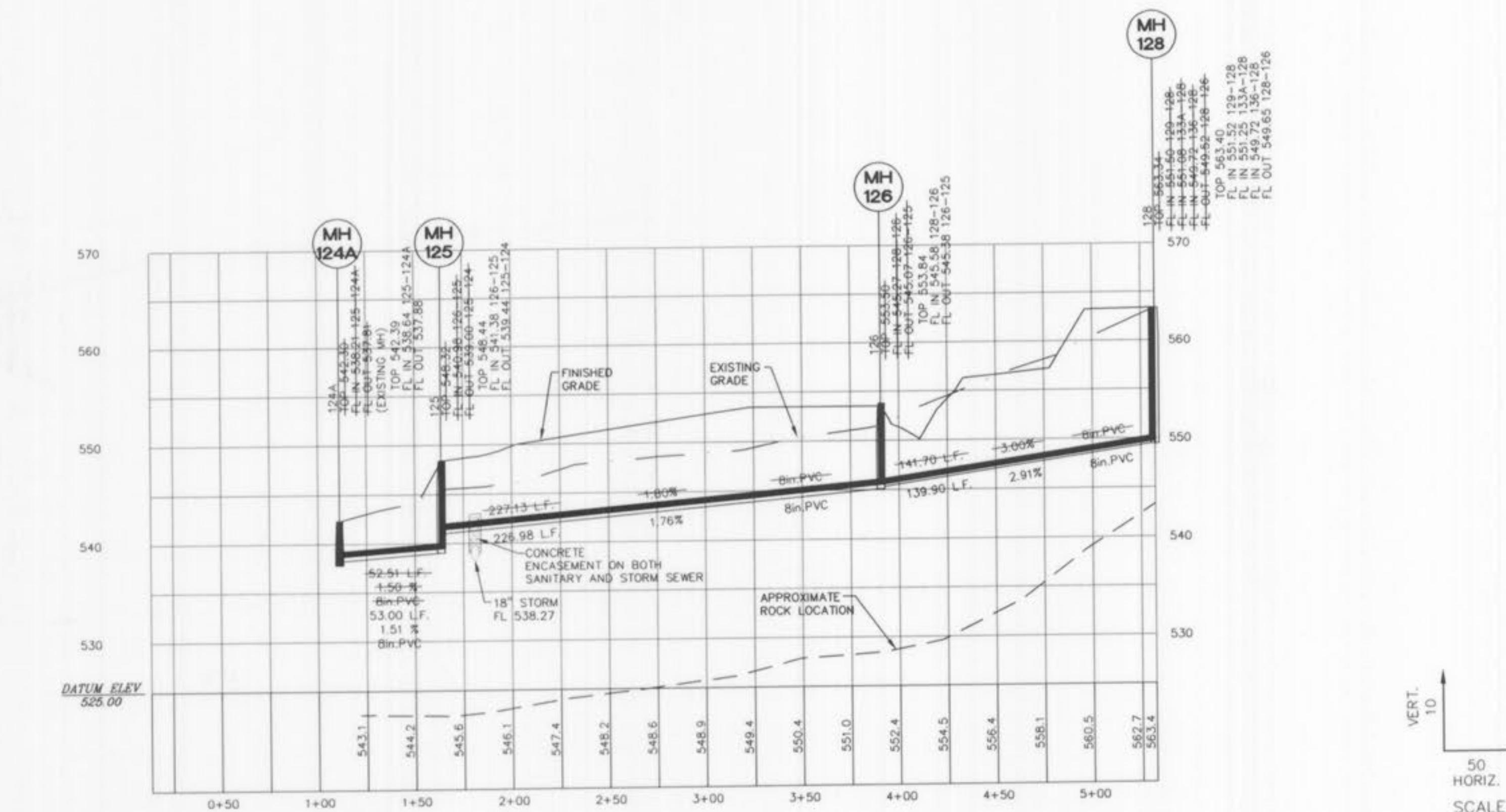
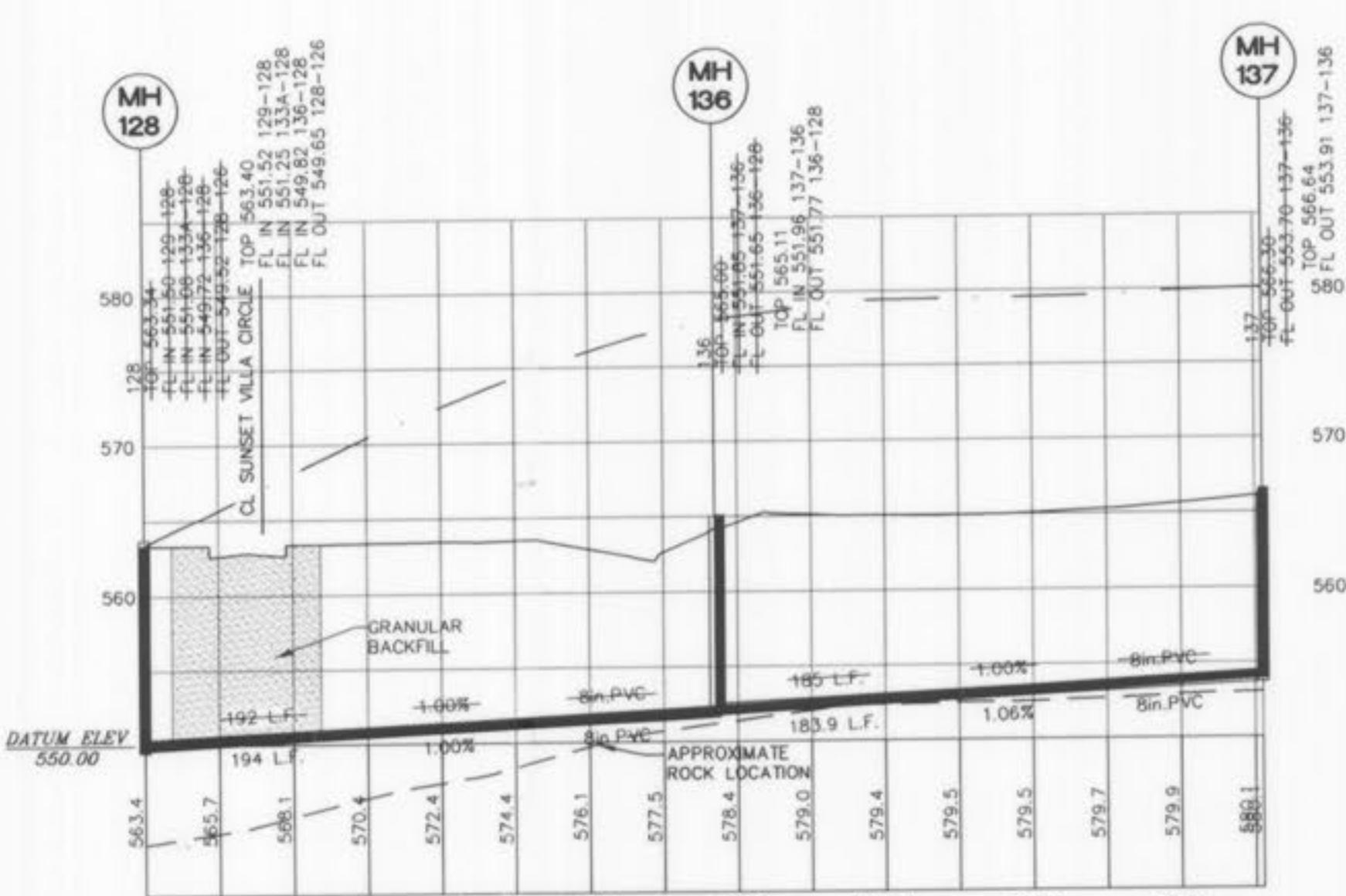
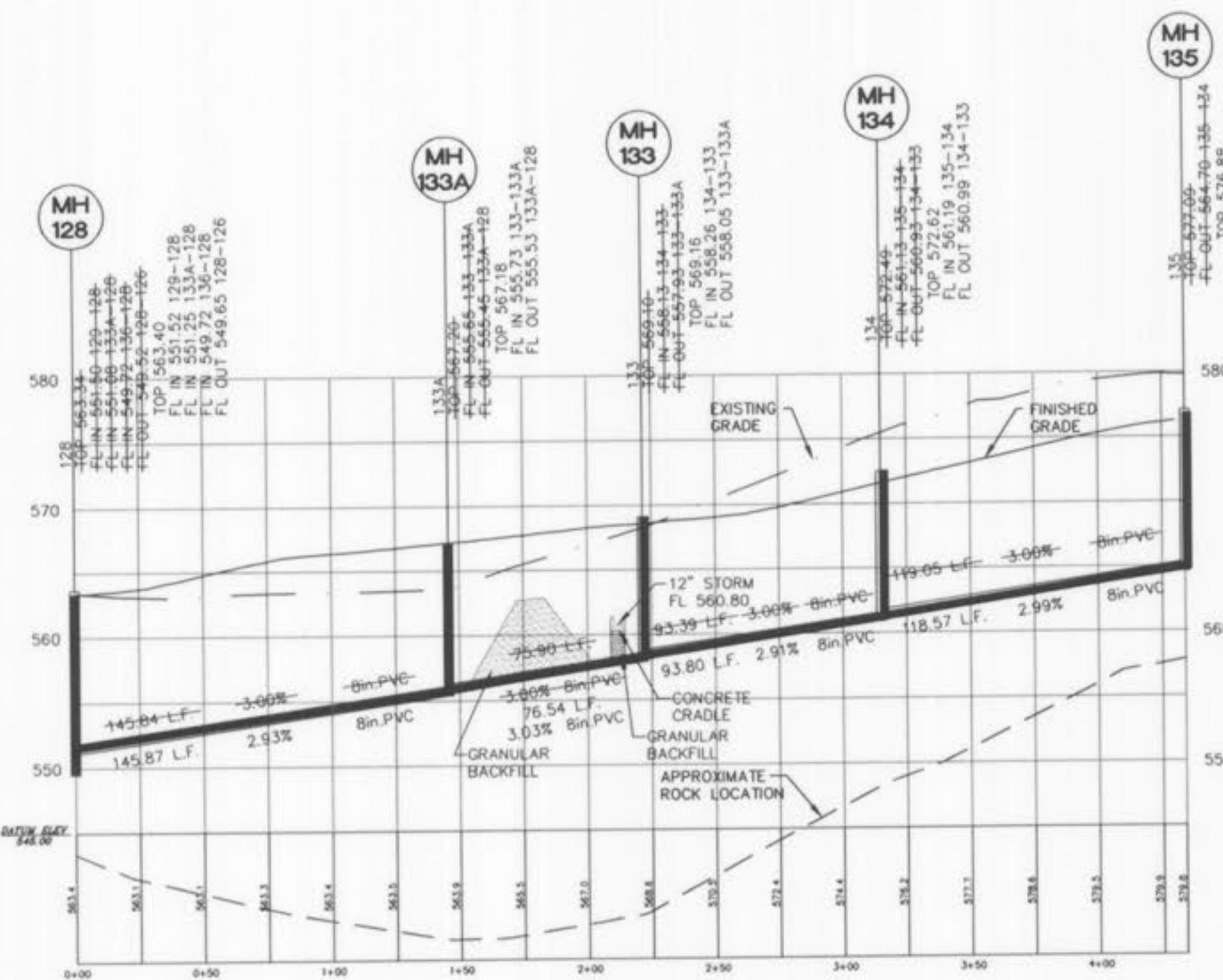
SUNSET HILL CAREFREE COMMUNITY SANITARY SEWER PROFILE "AS-BUILT"

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ORDER NO.	03-0755
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O'FALLON FILE
NUMBER 4003.02



"AS-BUILT"

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DATE	10/11/05

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O'FALLON FILE
NUMBER 4003.02

**SUNSET HILL
CAREFREE COMMUNITY
STORM SEWER PROFILE
"AS-BUILT"**

ST. CHARLES ENGINEERING & SURVEYING, INC.

801 S. FIFTH STREET SUITE 202

ST. CHARLES, MO 63301

TEL: (636) 947-2446

FAX: (636) 947-0607

S|C

E|S



ORDER NO.

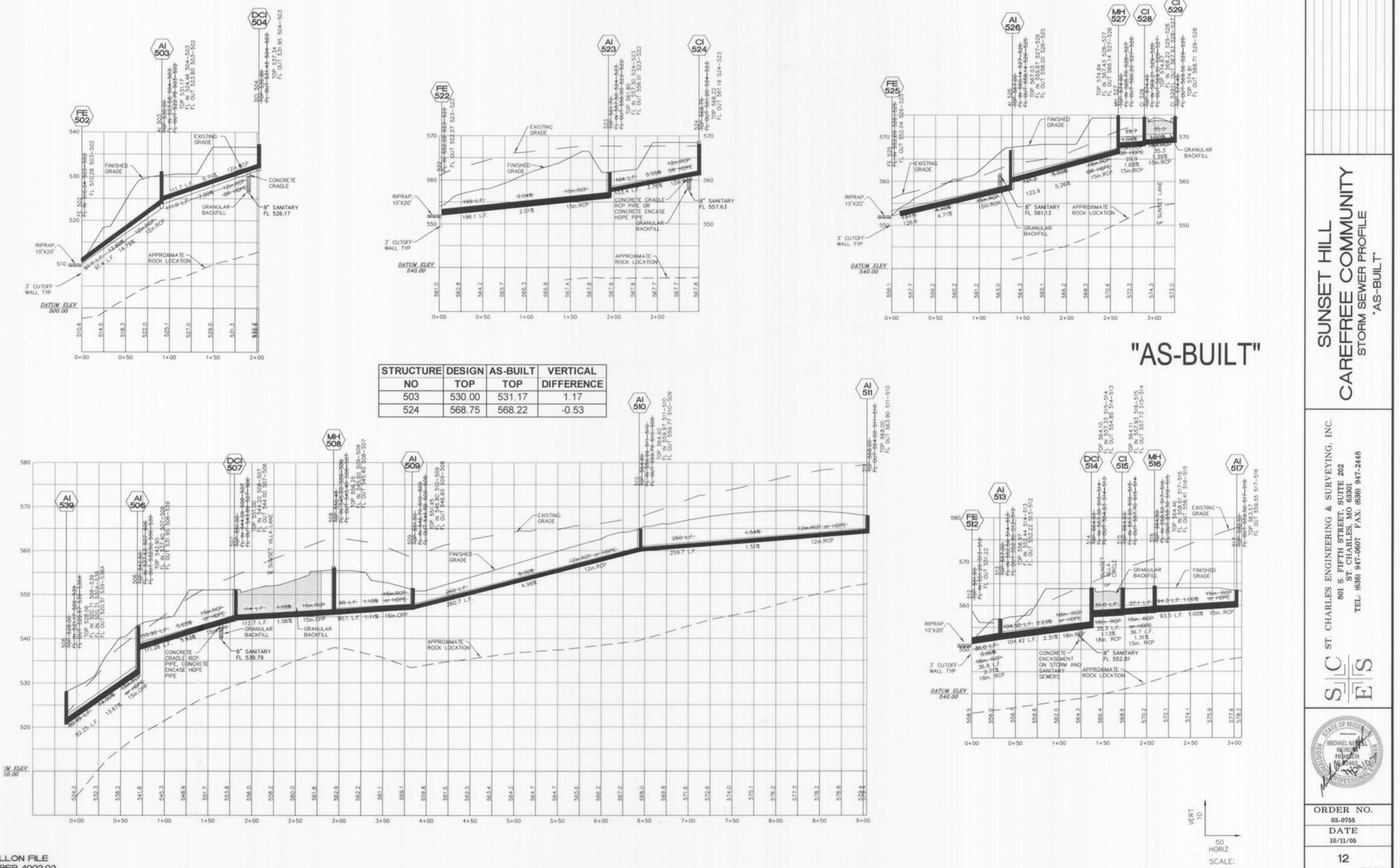
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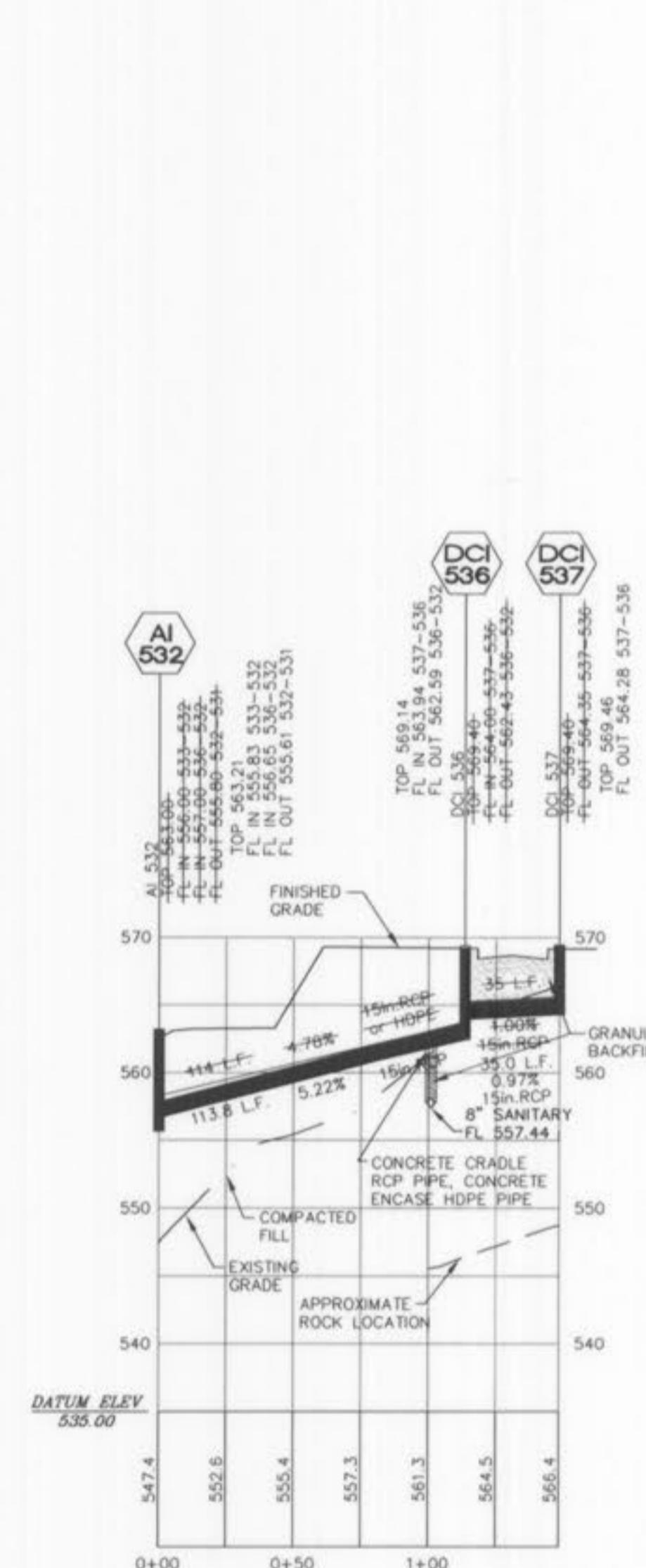
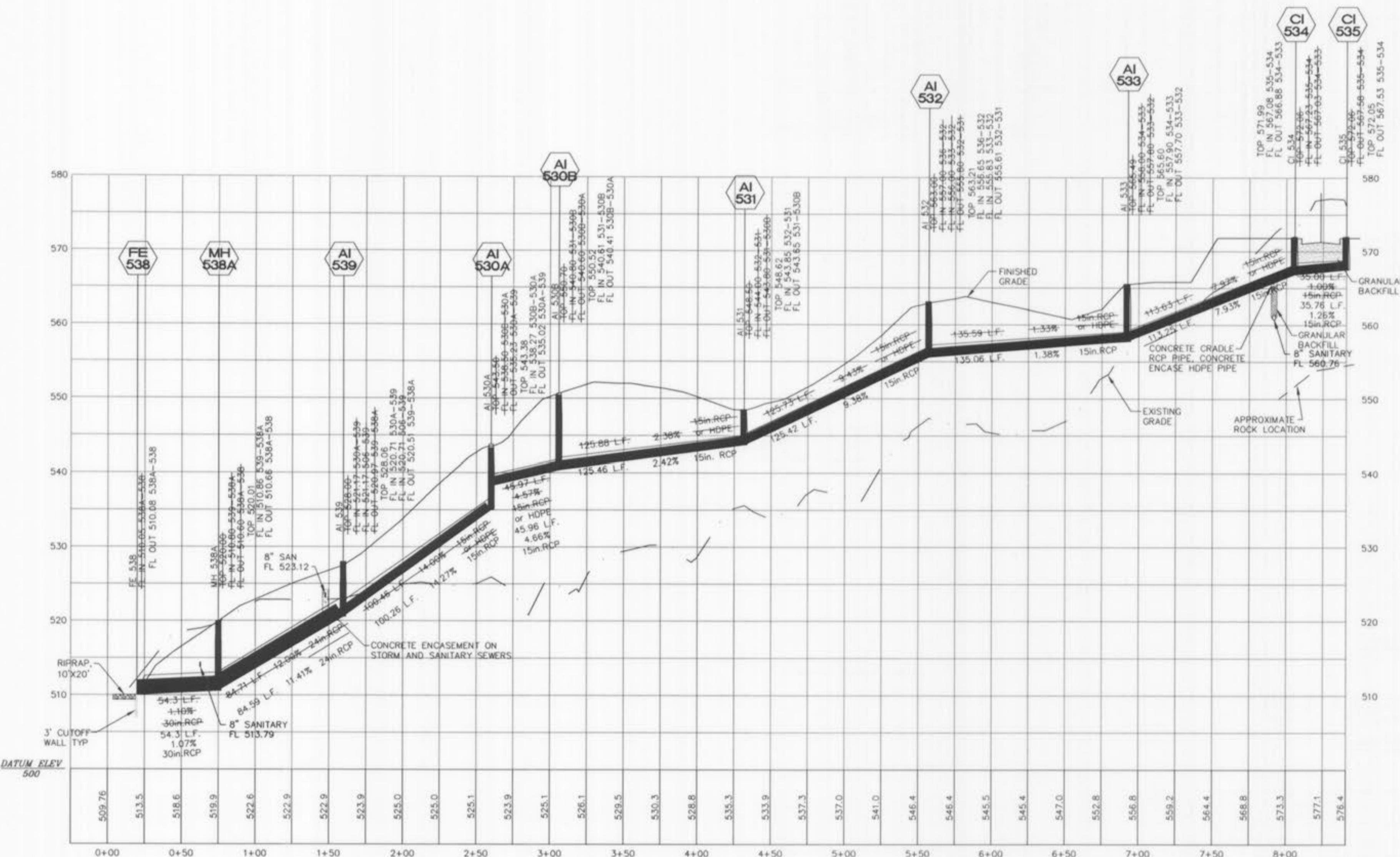
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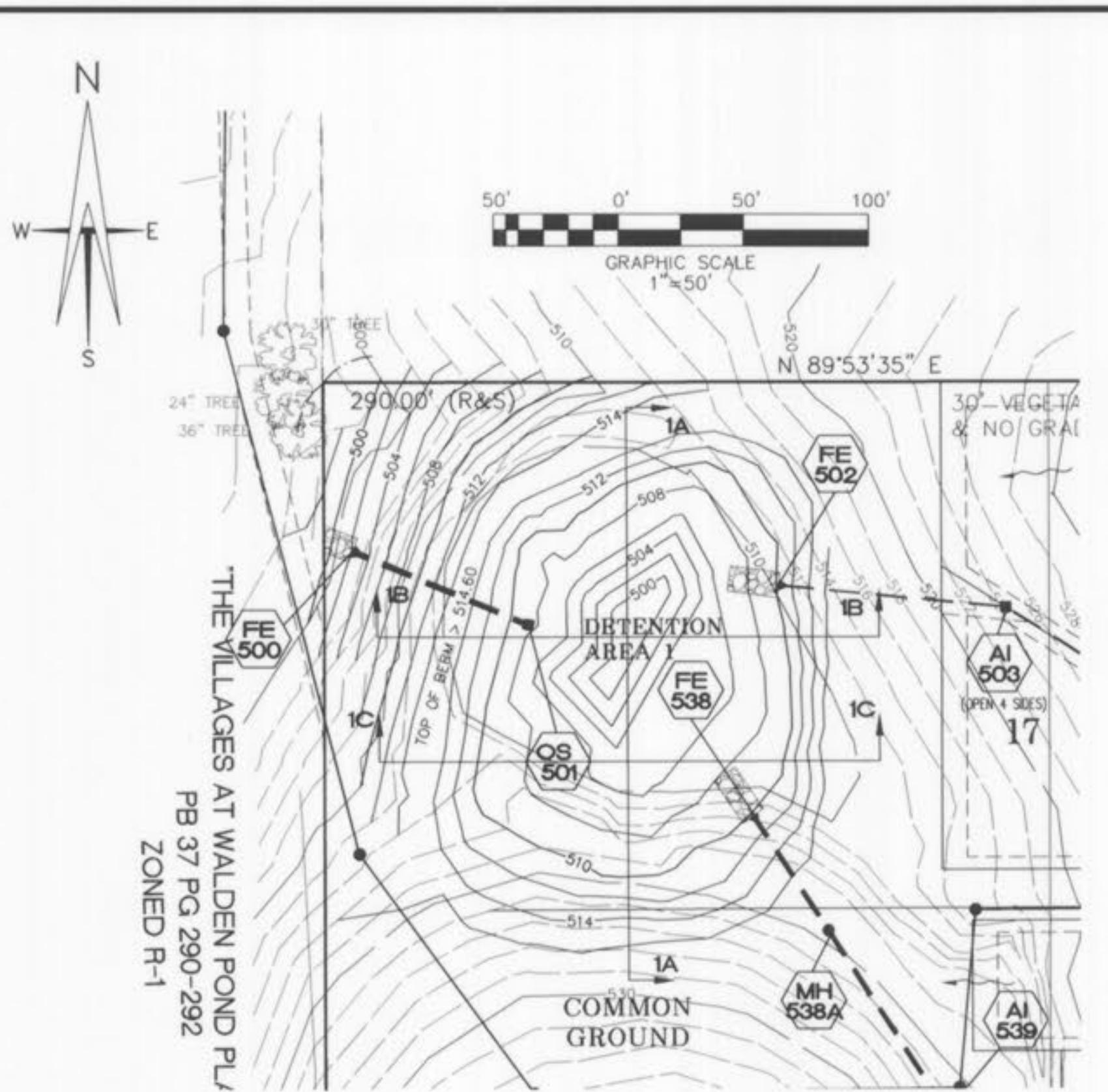
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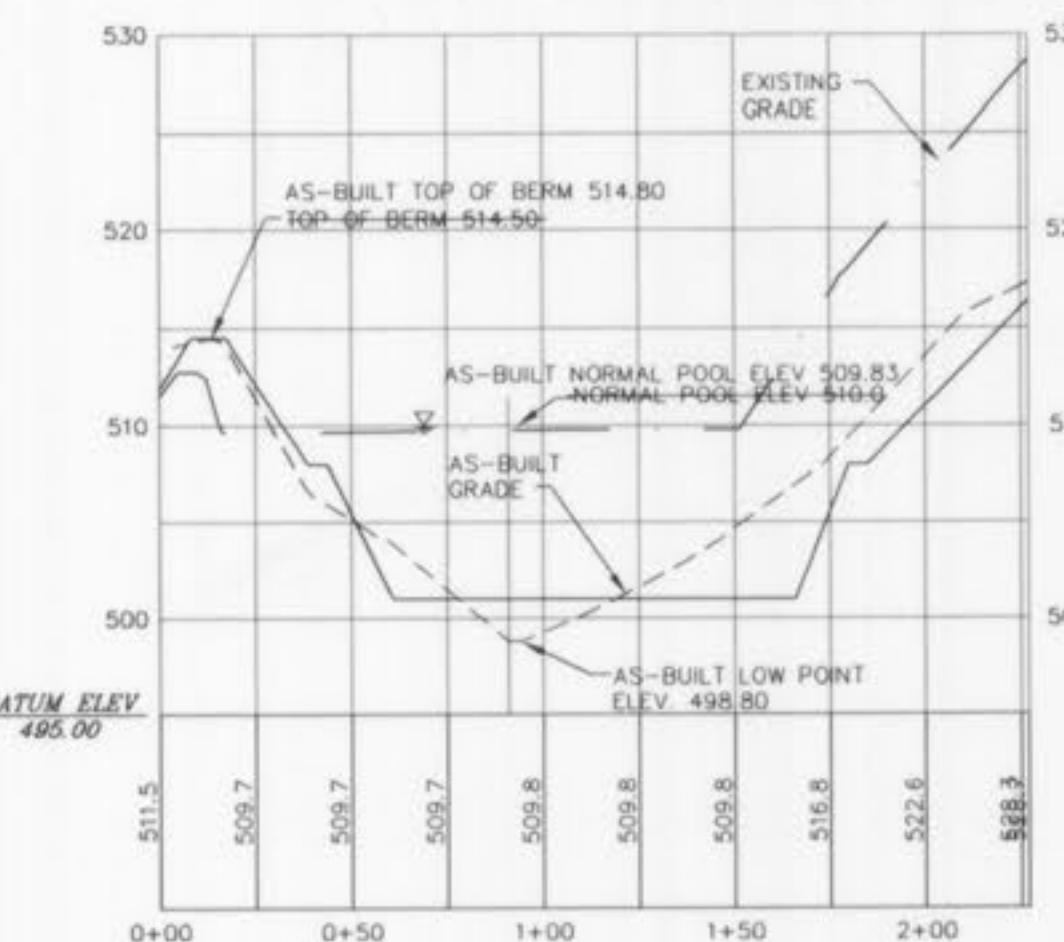
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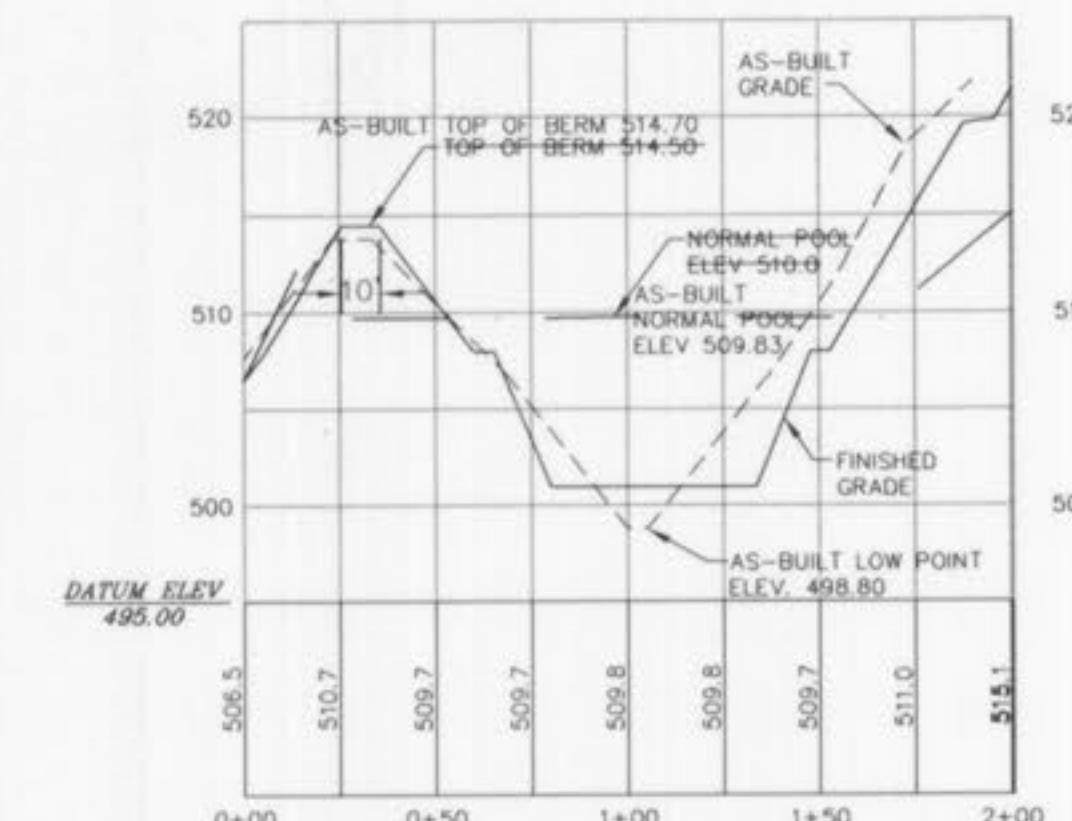
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NUMBER 4003.02



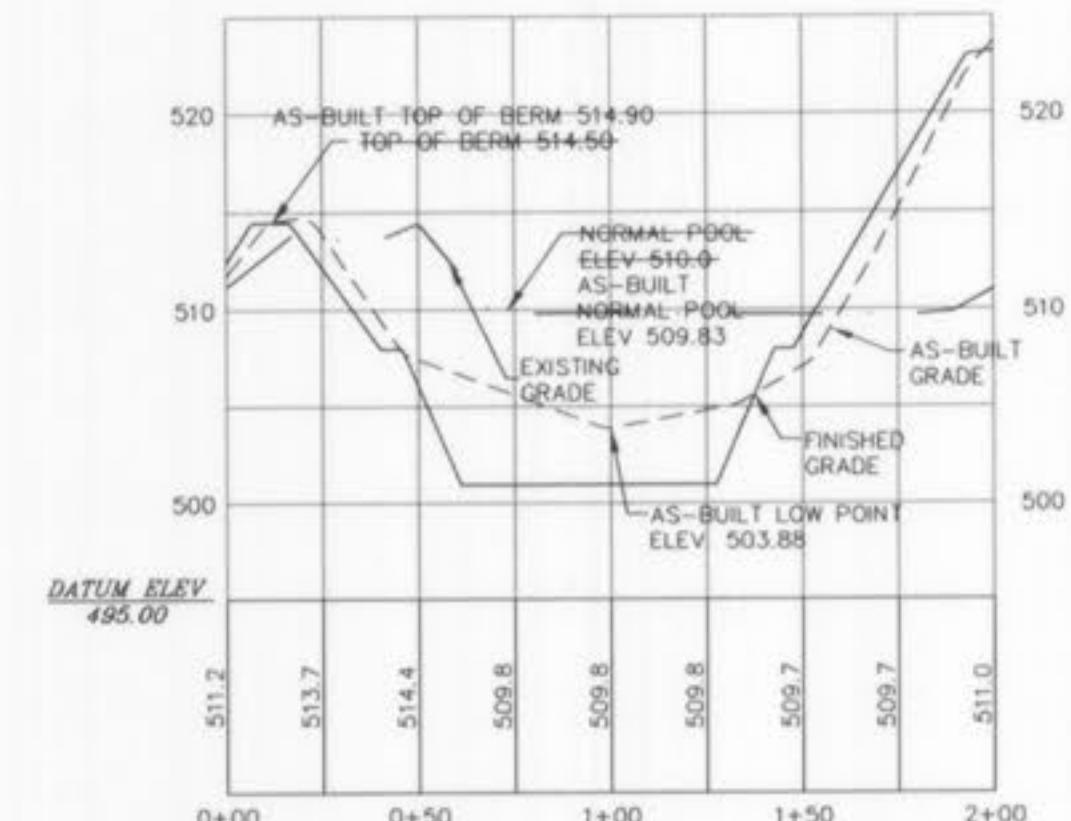
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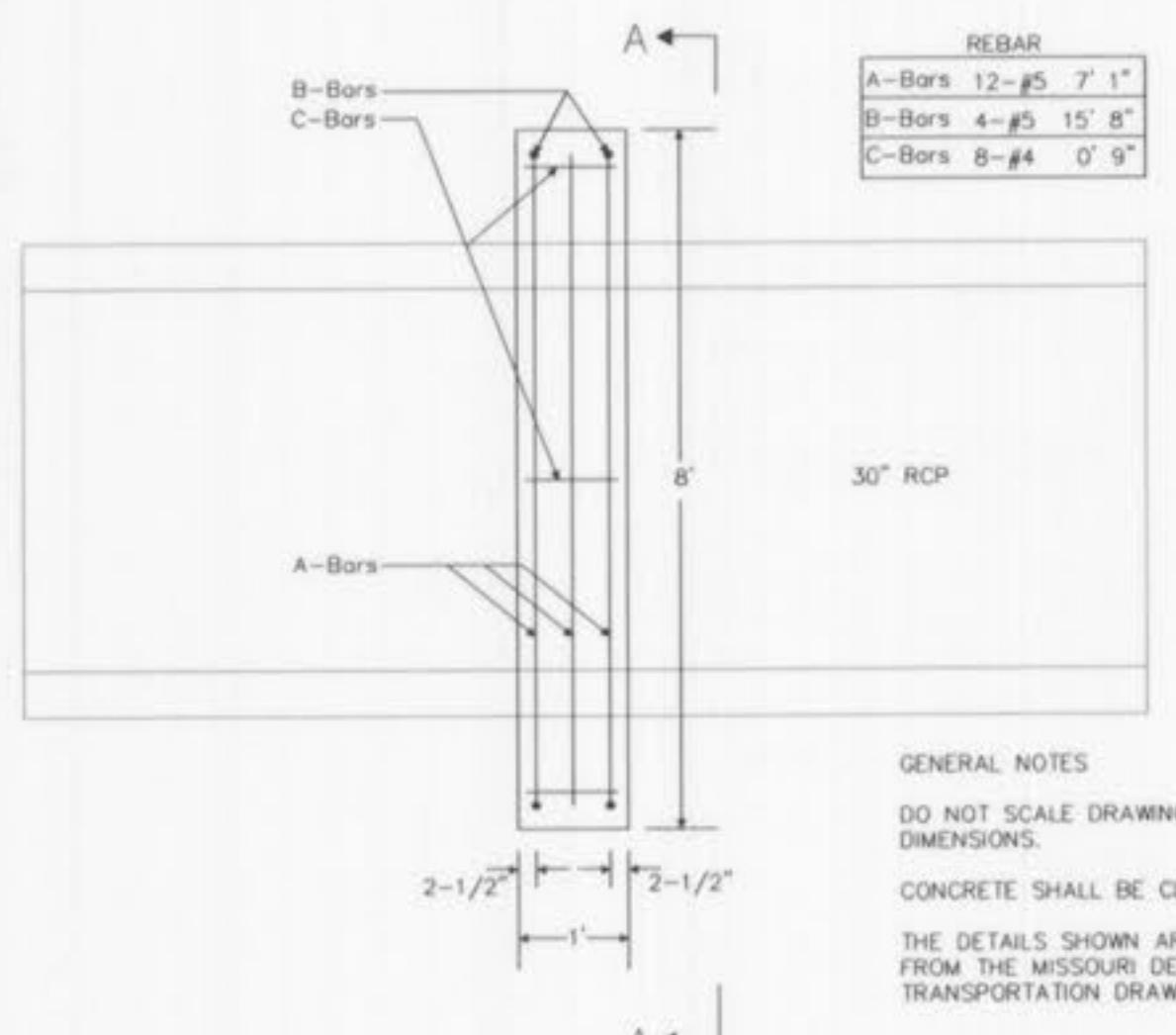
SECTION 1A



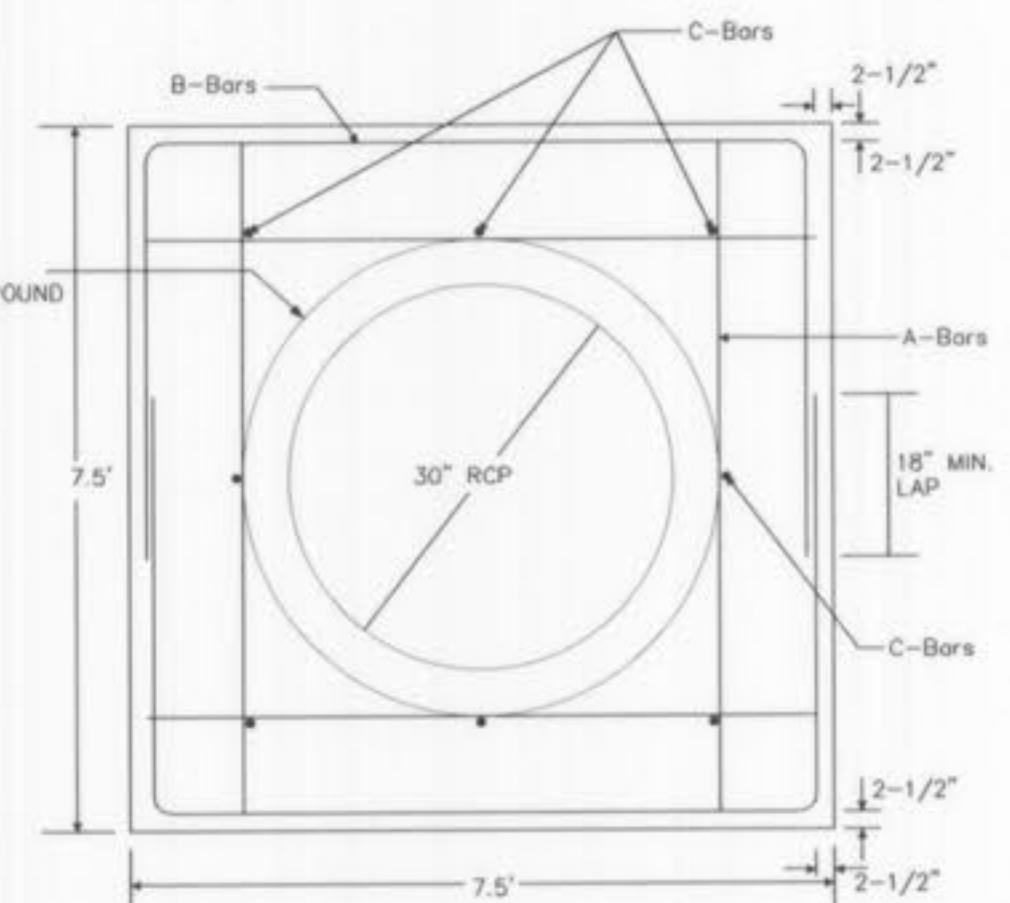
SECTION 1B



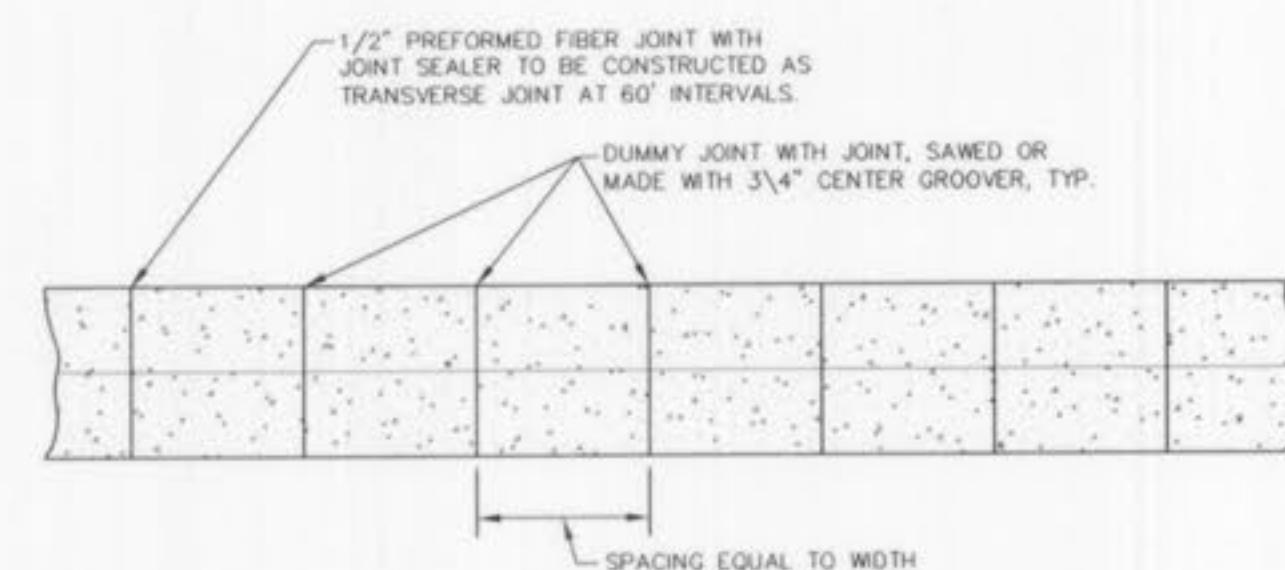
SECTION 1C



CONCRETE COLLAR DETAIL

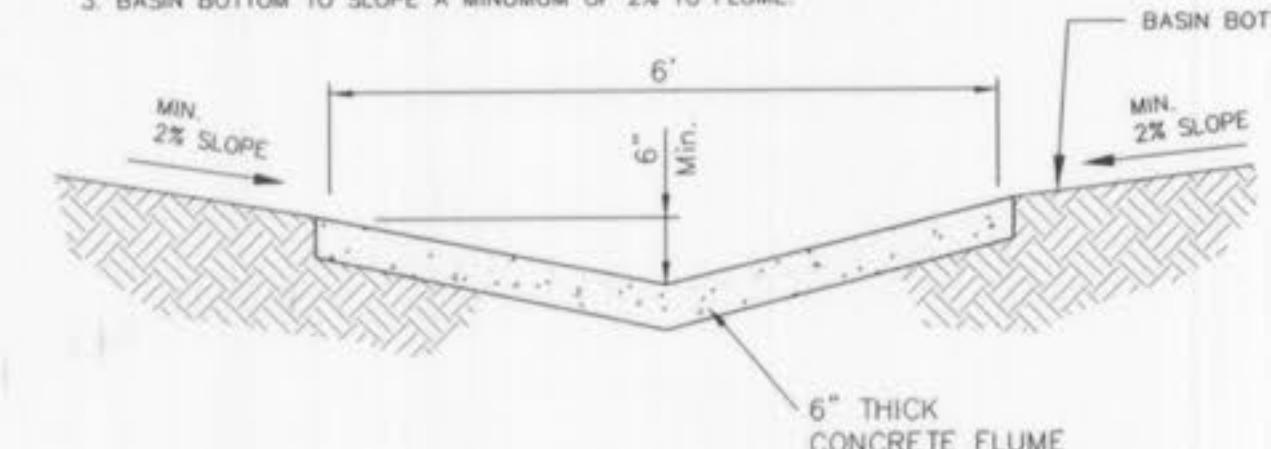


SECTION A-A

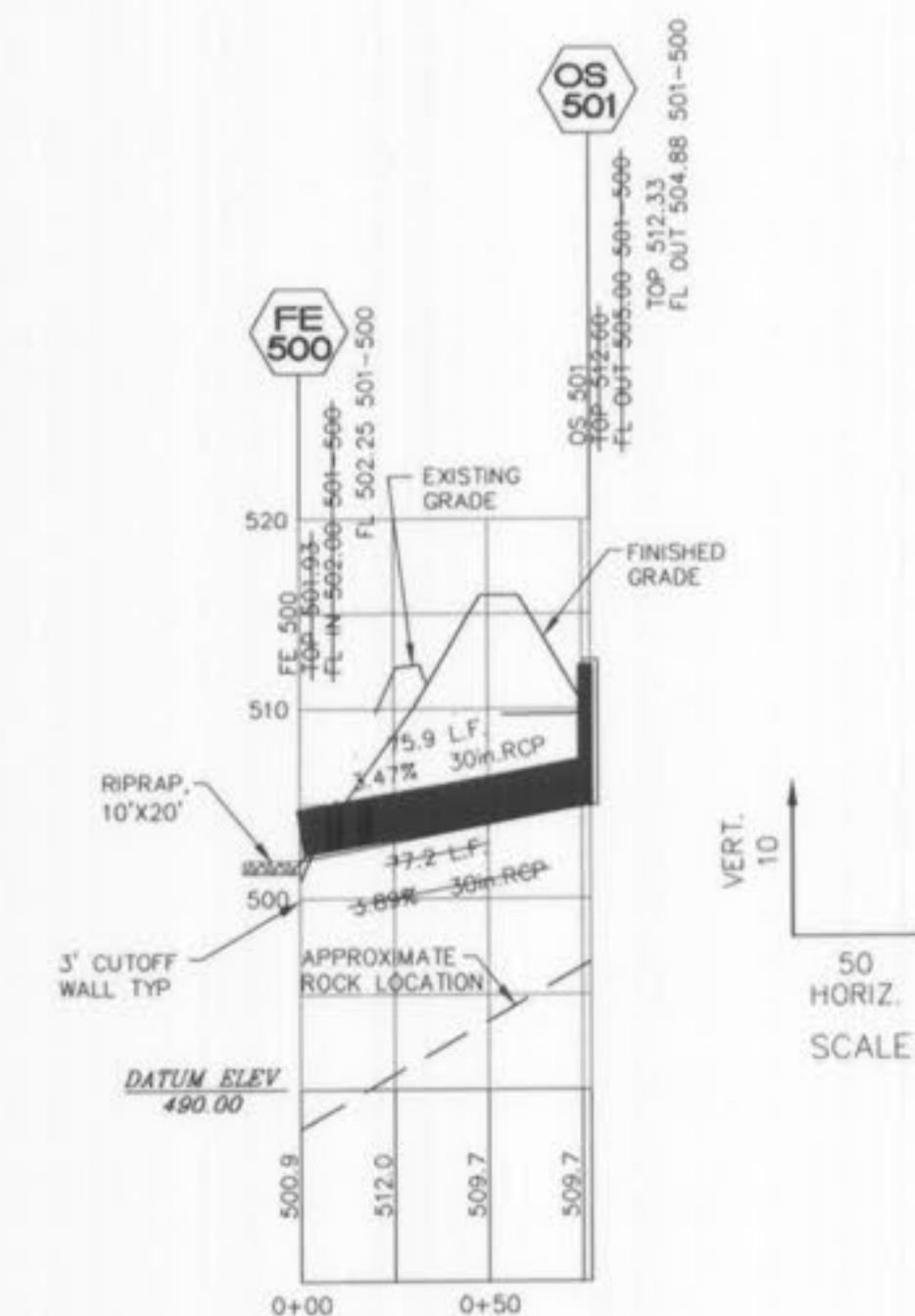


NOTES:

1. CONCRETE SHALL BE 3000 p.s.i. STRENGTH AT 28 DAYS
2. MINIMUM CHANNEL SLOPE TO BE 0.5%.
3. BASIN BOTTOM TO SLOPE A MINIMUM OF 2% TO FLUME

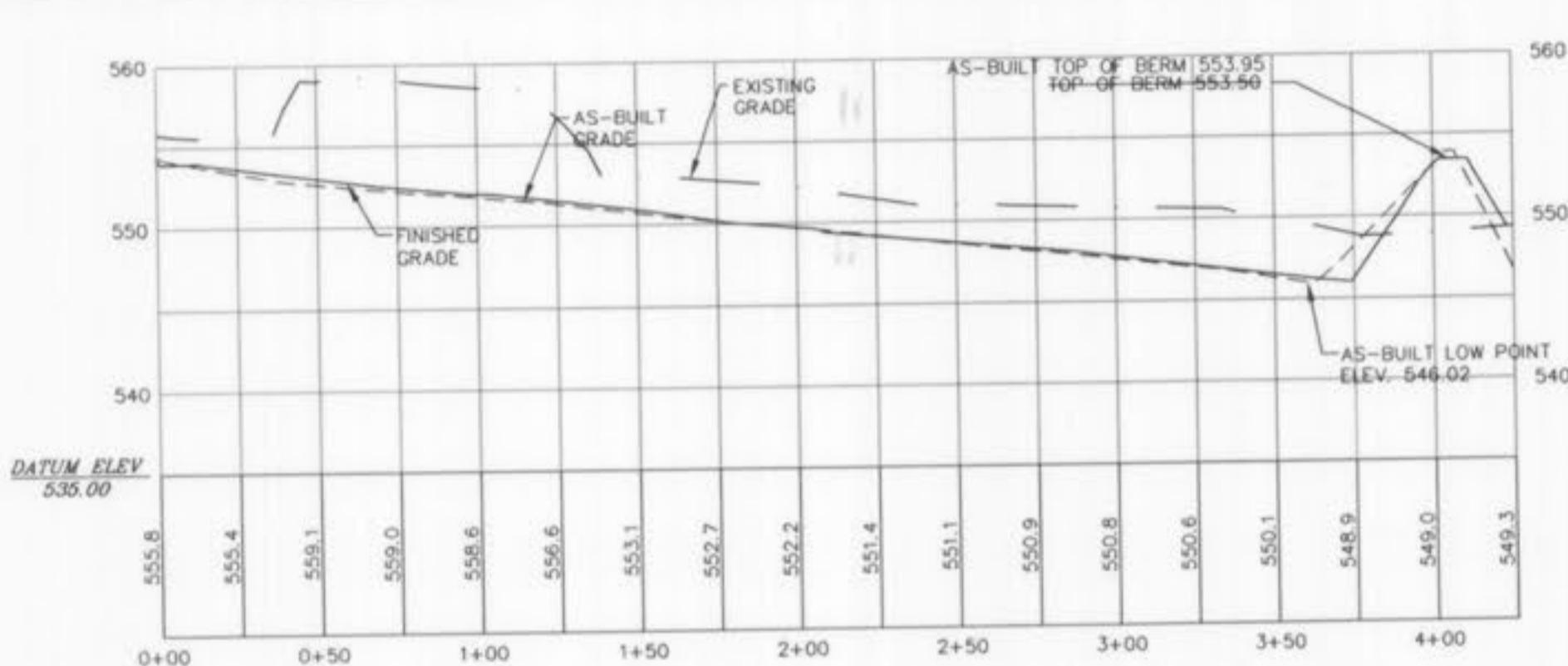


DETENTION BASIN CONCRETE FLUME DETAIL

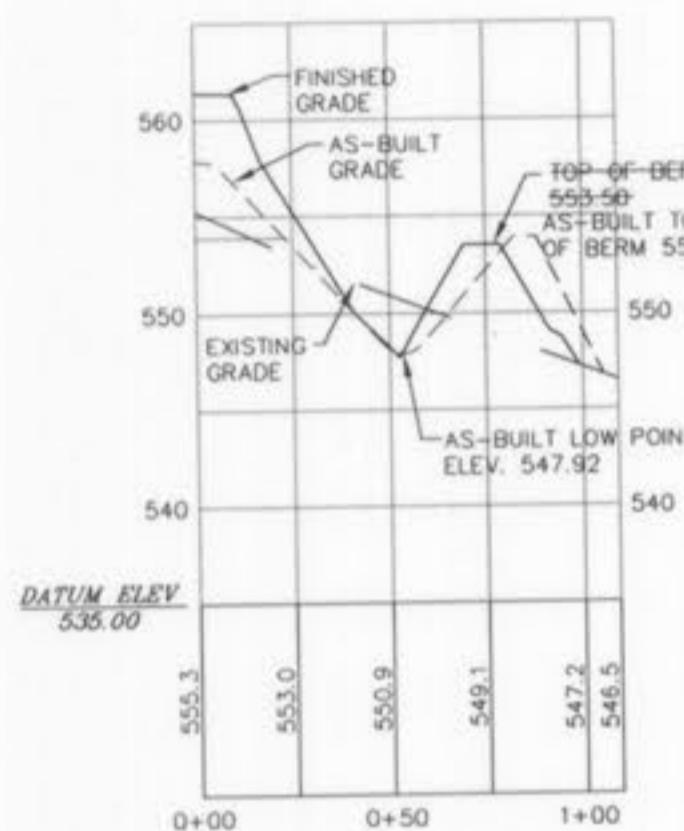


O'FALLON FILE
NUMBER 4003.02

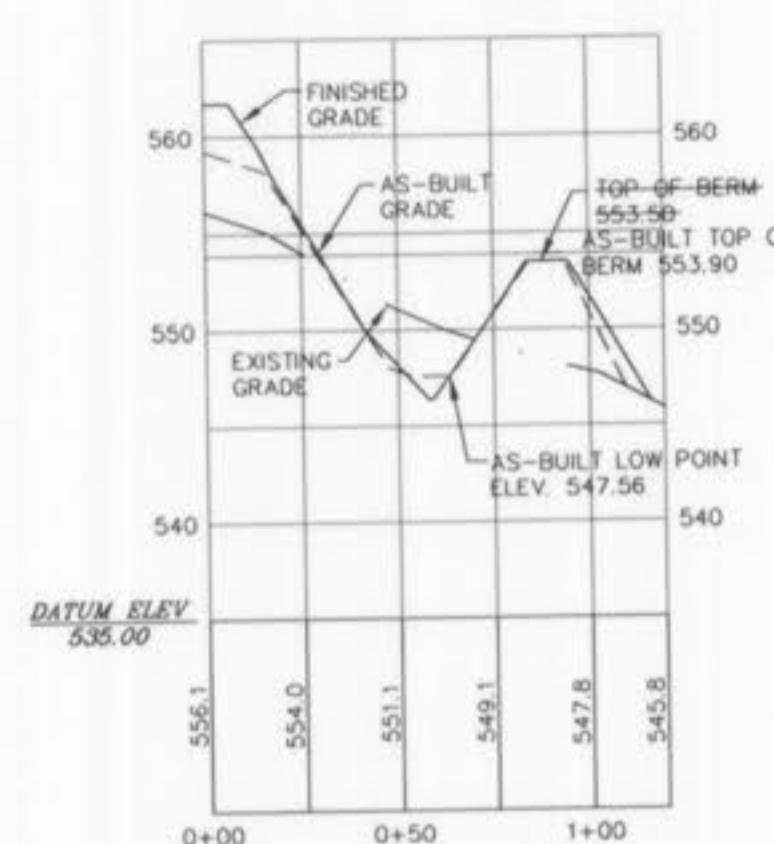
S	C	ST. CHARLES ENGINEERING & SURVEYING, INC.
		801 S. FIFTH STREET, SUITE 202
		ST. CHARLES, MO 63301
		TEL: (636) 947-0607 FAX: (636) 947-2448
E	S	SUNSET HILL CAREFREE COMMUNITY STORMWATER DETENTION "AS-BUILT"
<p>STATE OF MISSOURI MICHAEL NEINER NUMBER 52489 PROFESSIONAL ENGINEER</p>		
ORDER NO. 03-0755		
DATE 10/11/05		
14		



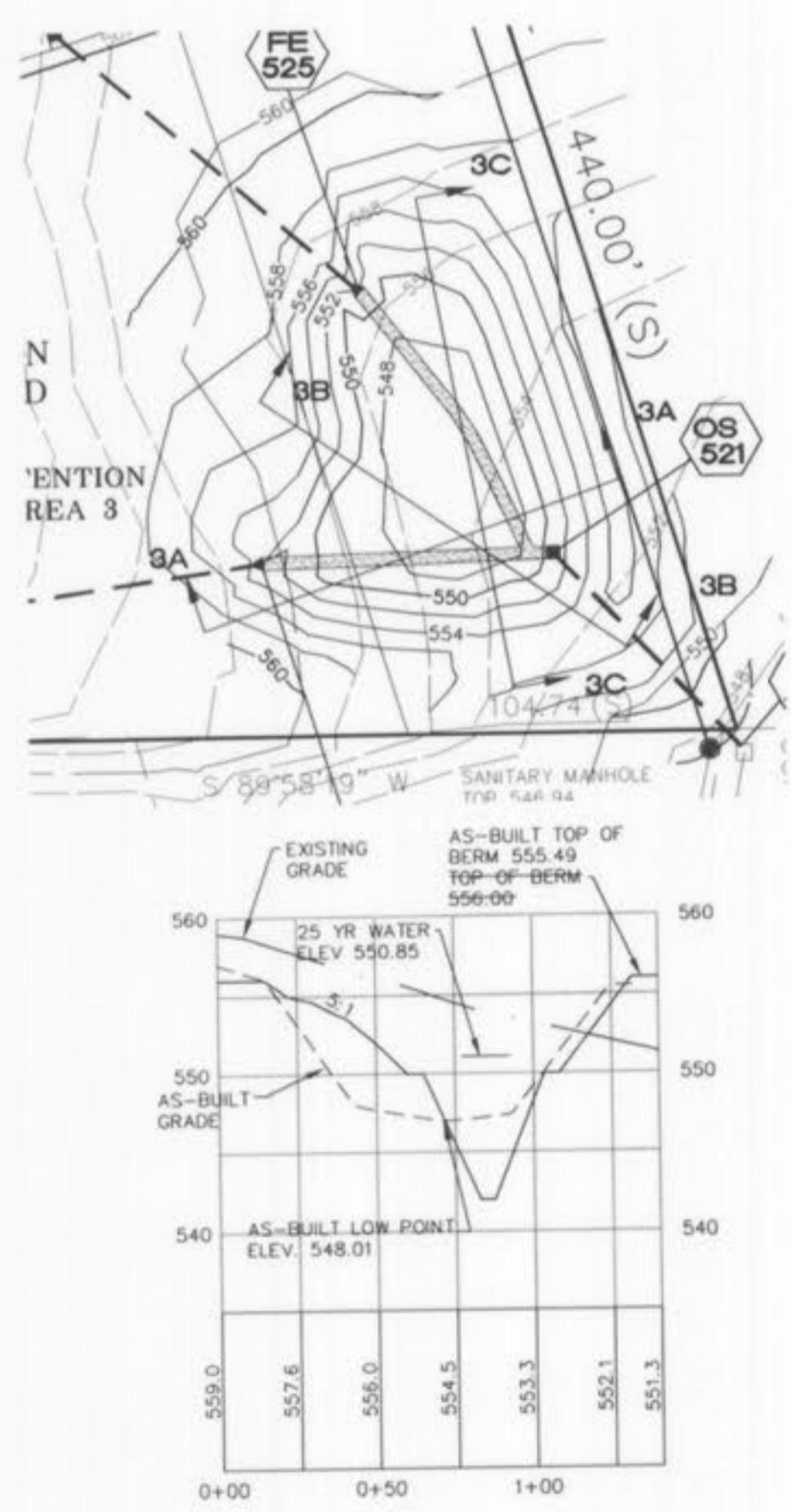
SECTION 2A



SECTION 2B



SECTION 2C



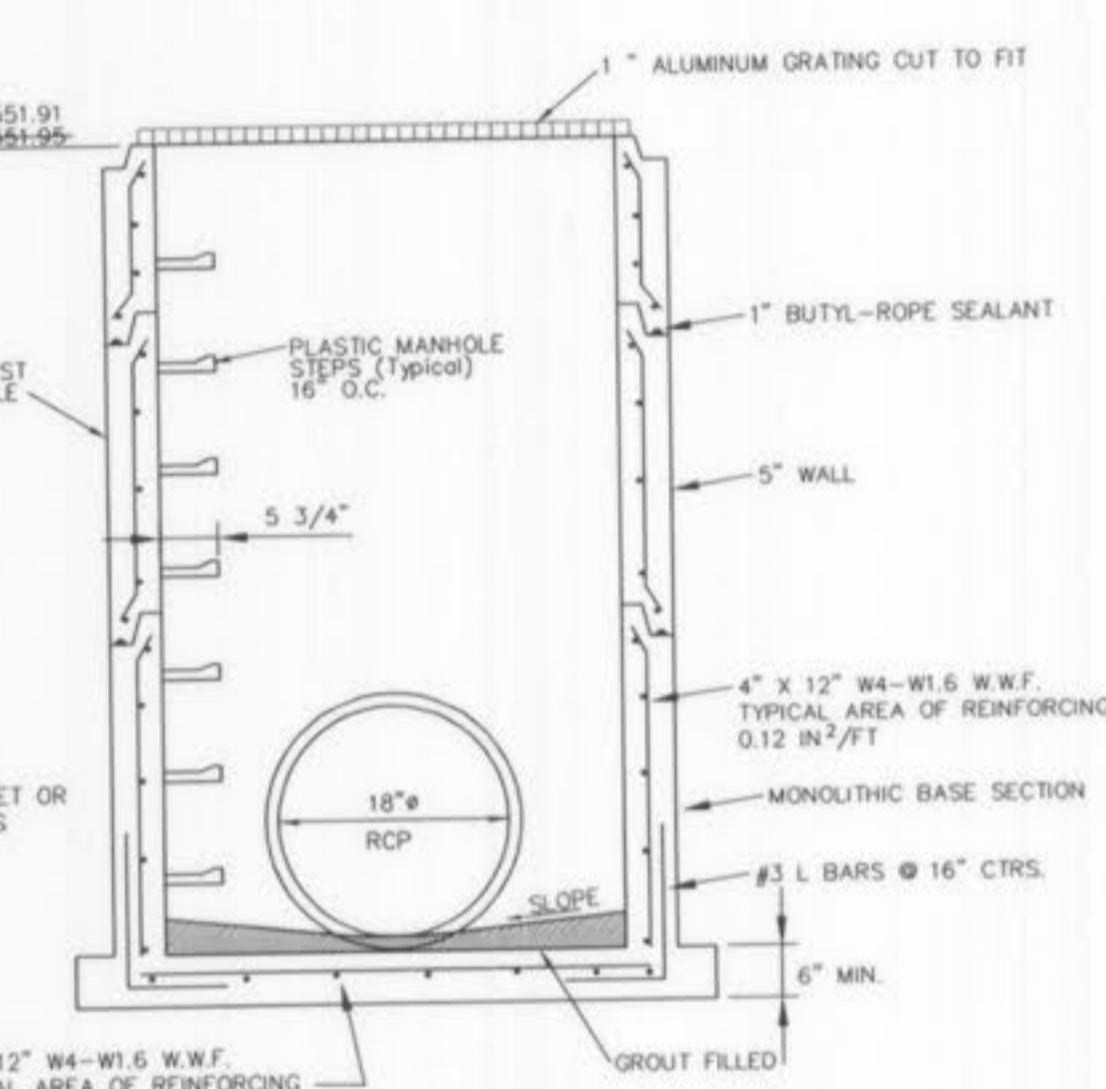
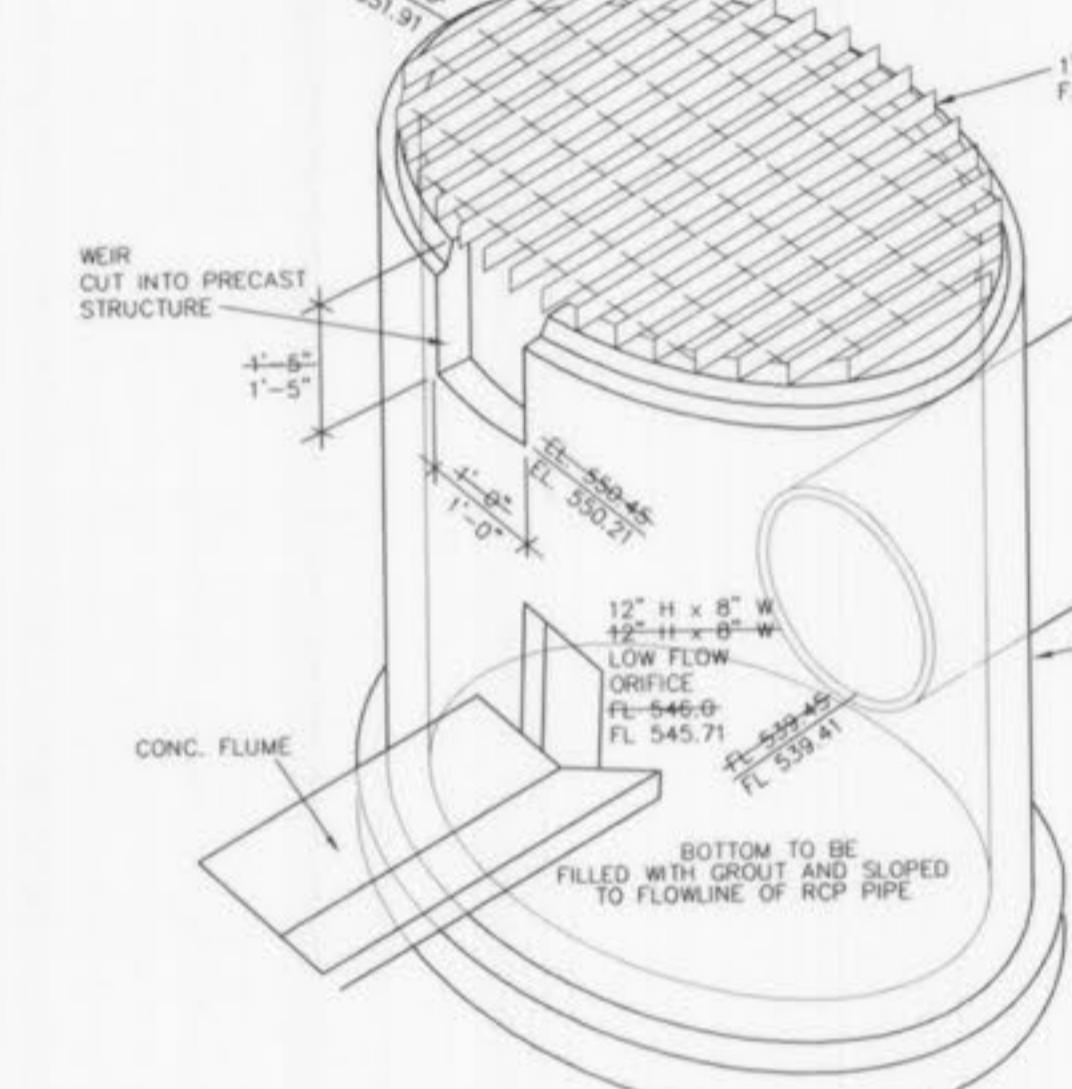
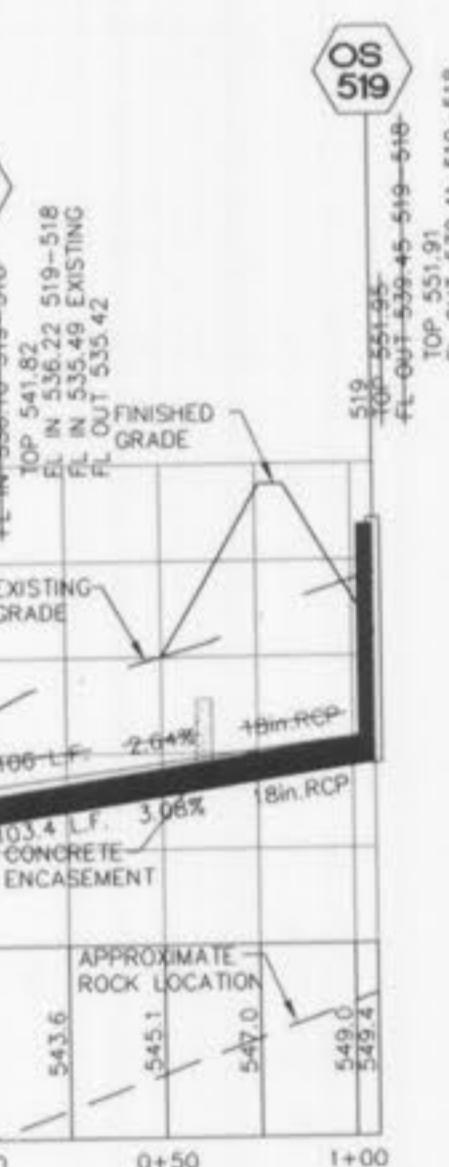
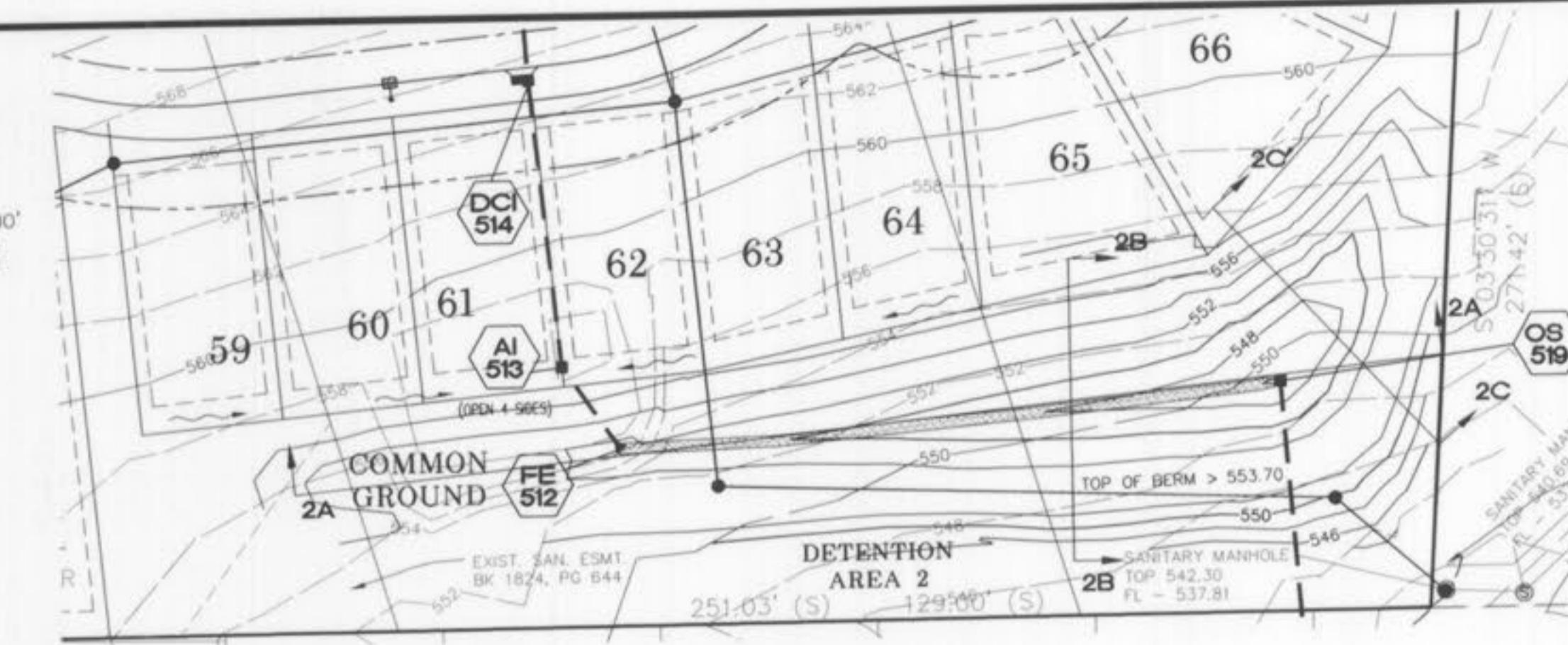
SECTION 3B



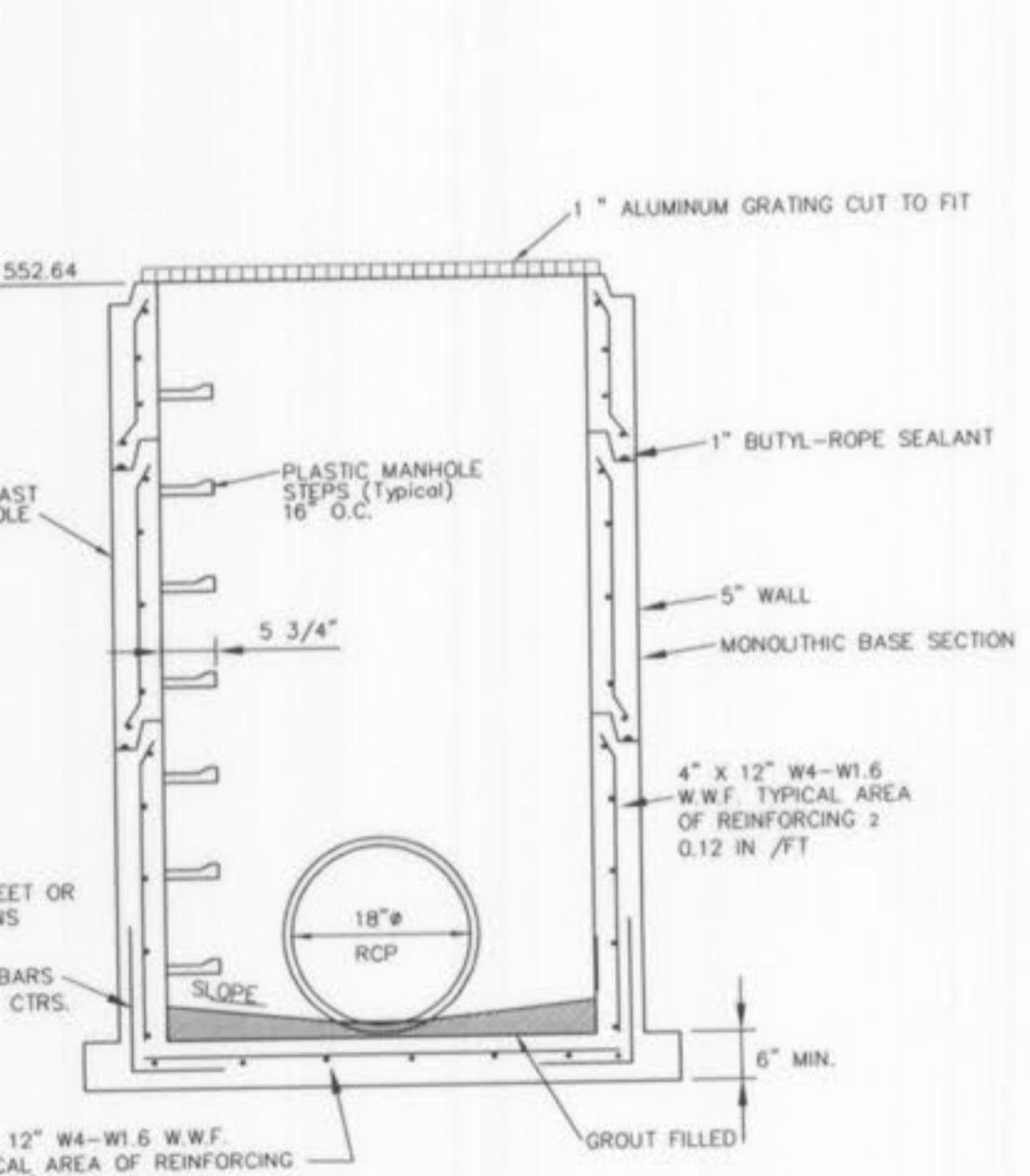
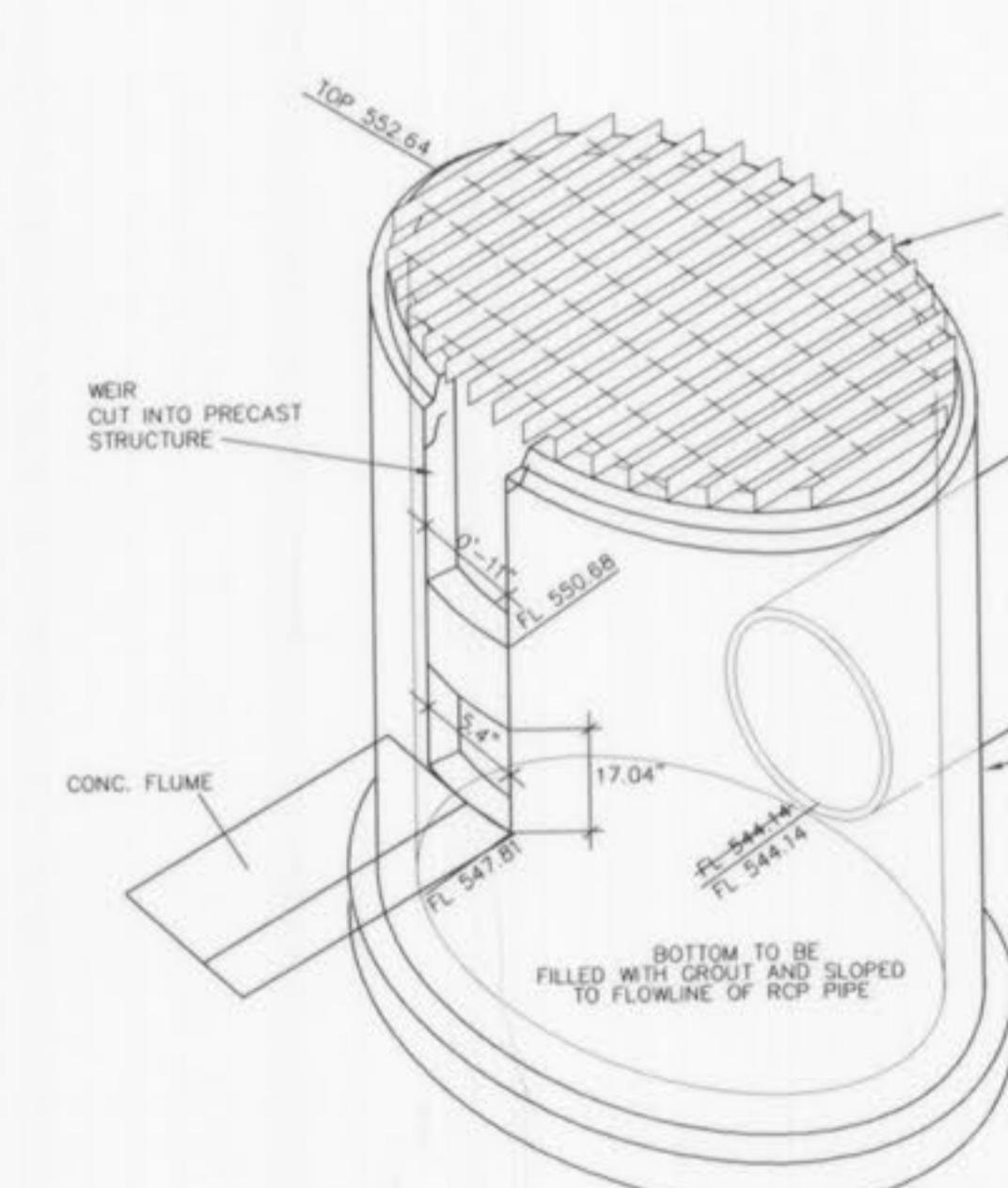
SECTION 3C

"AS-BUILT"

50' 0' 50' 100'



DETENTION STRUCTURE DETAIL FOR BASIN #2



DETENTION STRUCTURE DETAIL
FOR BASIN #3 (PER APPROVED AMENDED DESIGN)

O'FALLON FILE
NUMBER 4003.02

CHARLES ENGINEERING & SURVEYING, INC.
801 S. FIFTH STREET, SUITE 202
ST. CHARLES, MO 63301
TEL: (636) 947-0607 FAX: (636) 947-2448



ORDER NO.	08-0755
DATE	10/11/05

1

THE VILLAGES AT WALDEN POND PLAT FOUR[®]
PB 37 PG 290-292
ZONED R-1

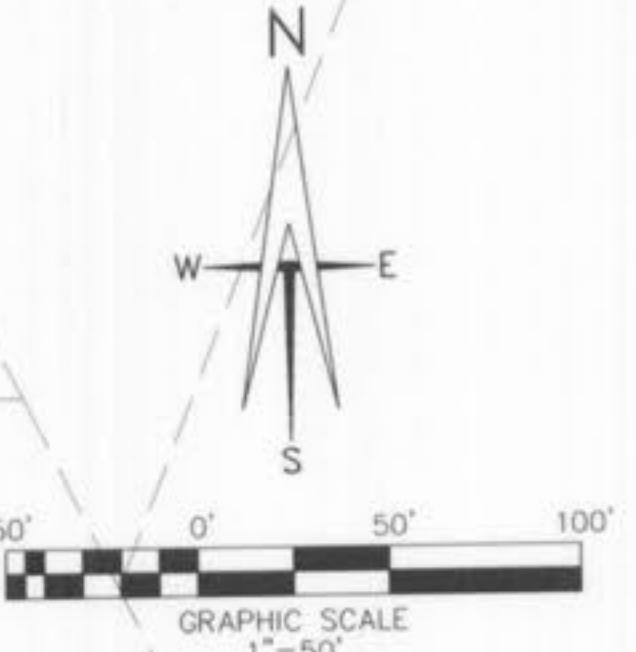
"THE VILLAGES AT WALDEN POND PLAT FOUR"
PB 37 PG 290-292
ZONED R-1

COMMON GROUND

LOT 4

PROPERTY N/F
WHITESIDE, MABEL G.
1640/00586
ZONED A
ST. CHARLES COUNTY

THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE OR 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.



"AS-BUILT"

LOT 7
3.10 ACRES

PROPERTY N/F
WHITESIDE, MABEL G.
1640/00586
ZONED A
ST. CHARLES COUNTY

PART OF LOT 8
PROPERTY N/F
CARY, BARBARA J.
1301/00217
ZONED A
ST. CHARLES COUNTY

PART OF LOT 9
PROPERTY N/F
CARY, BARBARA
1301/00217
CITY OF O'FALLON

THE VILLAGES AT WALDEN POND PLAT FOUR

This plat map illustrates the layout of The Villages at Walden Pond Plat Four. The map shows various lots numbered 1 through 44, along with common areas labeled "COMMON GROUND" and "DETENTION AREA 1". Key features include:

- Section Lines:** Section Line 19 and Section Line 20 are indicated.
- Property Lines:** Property lines are marked with dashed lines and labels such as "290.00' (R&S)" and "580.00' (S)".
- Utilities:** Watermain and PVC SDR 21 pipes are shown, with specific dimensions like "100 LF 2" WATERMAIN" and "277 LF 6" WATERMAIN". Reducers and bends are also labeled, such as "6" X 2" REDUCER" and "45" BEND".
- Blowoff Points:** Blowoff points are marked with arrows pointing away from the main lines.
- Fire Hydrant:** A fire hydrant is located near lot 8.
- Lot Labels:** Lots are labeled with numbers 1 through 44, and some are grouped under "COMMON GROUND" or "DETENTION AREA 1".
- Coordinates:** Coordinates are provided for the corners of the plat: N 89°53'35" E, S 00°00'00" E 495.93' (S), S 00°02'00" E 495.93' (S), and S 17°19'57" E 321.2'.

SEE SHEET 20

O'FALLON FILE
NUMBER 4003.02

SUNSET HILL CAREFREE COMMUNITY WATER MAIN PLAN "AS-BUILT"

CHARLES ENGINEERING & SURVEYING, INC.
801 S. FIFTH STREET, SUITE 202
ST. CHARLES, MO 63301
TEL: (636) 947-0607 FAX: (636) 947-2448



ORDER NO.	03-0755
DATE	10/11/05

18

SEE SHEET 19

THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE OR 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 SAME 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.

"SAINT DOMINIC ESTATES"
PB 35 PG 238-239
ZONED R-1

COMMON GROUND "A"
& UTILITY EASEMENT

45° BEND
8" x 6" REDUCER
CONNECT TO EXIST
6" WATERMAIN
6" CAP WITH
BLOWOFF (PER PLANS)



O'FALLON FILE
NUMBER 4003.02

"AUTUMN OAKS"
PB 34 PG 11
ZONED R-1

PROPERTY N/F
CARY, BARBARA J.
1301/00217
CITY OF O'FALLON

N 72°40'03" E
300.21' (S)

200.21' (S)

715 LF OF 8"
PVC SDR 21

8" x 8" TEE

2-8" GATE
VALVE

8" x 8" TEE

2-8" GATE<br