

WYNDGATE

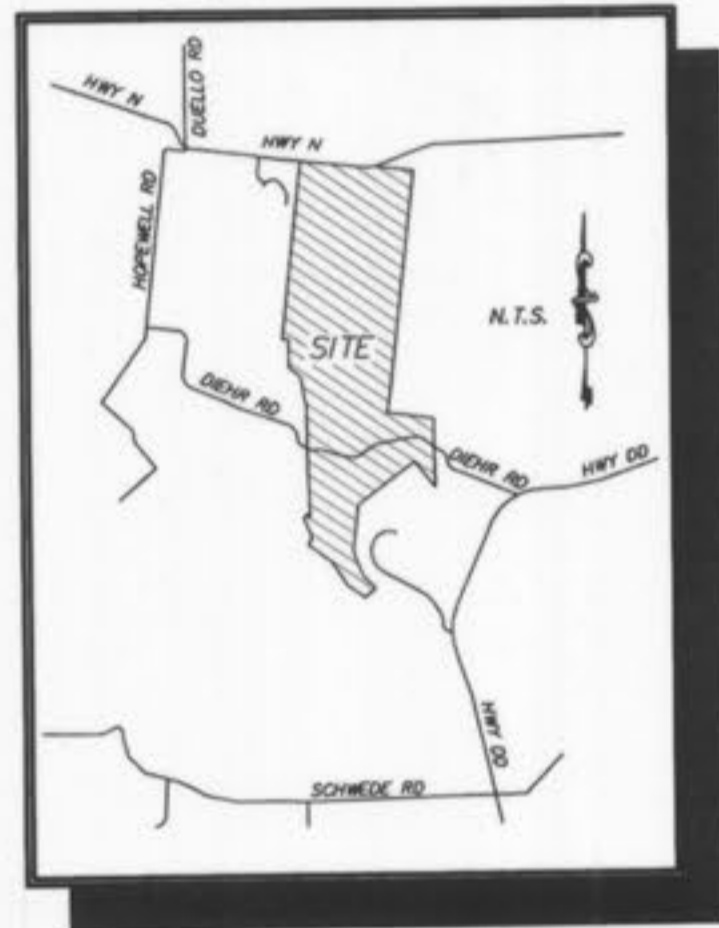
VILLAGE C - IMPROVEMENT PLANS

(55 LOTS VILLAGE C PLAT 1)
~~(62 LOTS VILLAGE C PLAT 2)~~

These "As-Built" Storm Sewer plans, are based on actual field measurements conducted during June 2006, and the results are shown hereon.

By: *J. R. Chervex*
 JAMES R. CHERVEK P.L.S., #2211
 STATE OF MISSOURI
 PICKETT, RAY & SILVER'S CORPORATE
 REGISTRATION NO. LS-54-D

LOCATION MAP



PROJECT BENCH MARK

U.S.G.S BENCH MARK
 At Dardenne T.46N., R.2E. Near Approx. Corner Sections 1, 2, 11 & 12, 31' north & 20' west of crossroads, 49' south of S.E. corner of Catholic Church, 2.0' north of sidewalk & in a concrete post standard tablet stamped "T1" 60C 1936 616".
 Elev. 616.50

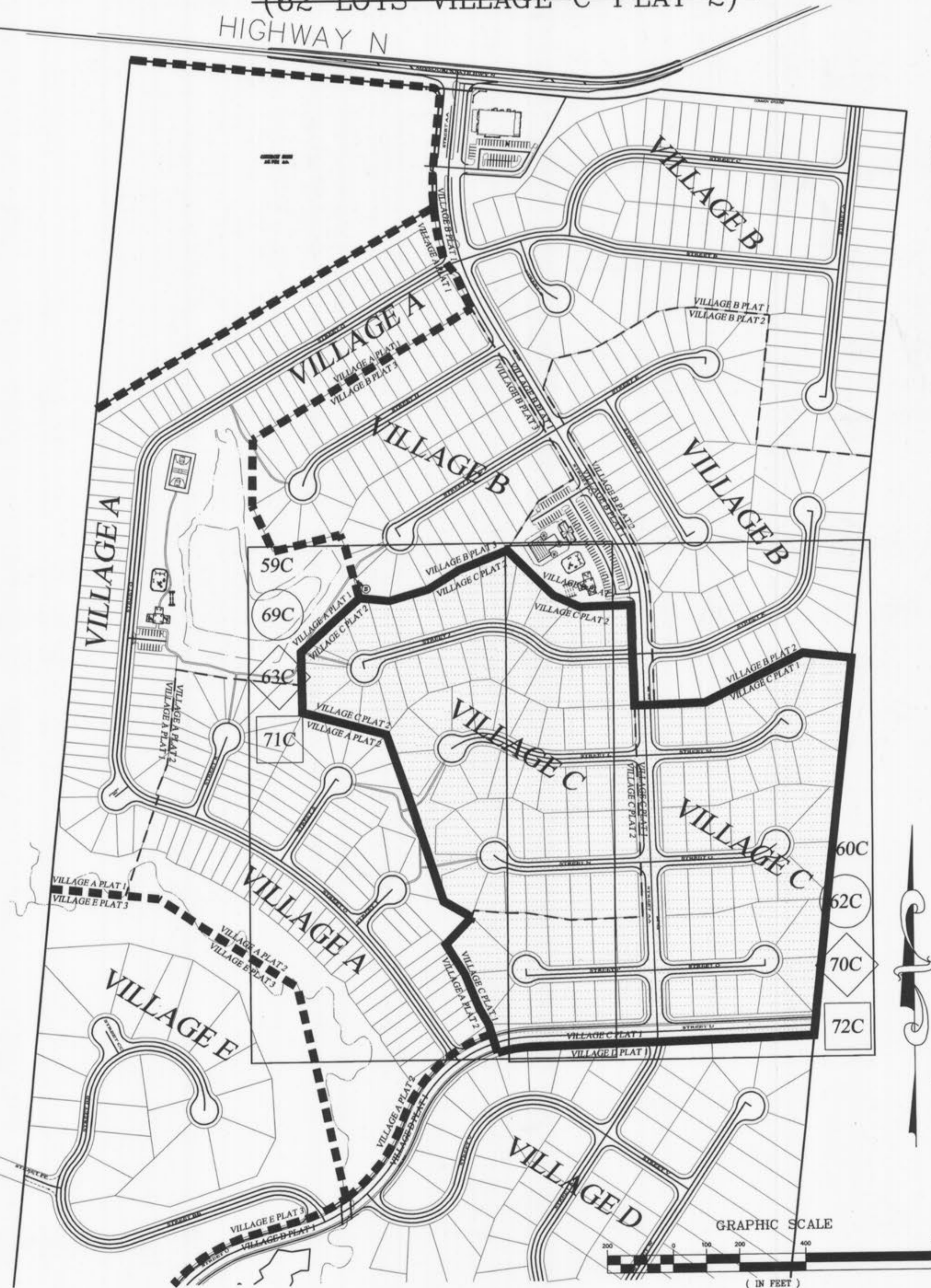
SITE BENCH MARK

FOUND OLD STONE
 N.E. Corner of U.S. Survey 61
 Elev. 640.47

NOTE: ALL MONUMENTS AND FENCES ARE BY SEPARATE PERMIT.

NOTE:

- 59C SITE PLAN SHEETS
- 61C GRADING PLAN SHEETS
- 69C DRAINAGE PLAN SHEETS
- 71C WATER LAY-OUT PLAN SHEETS



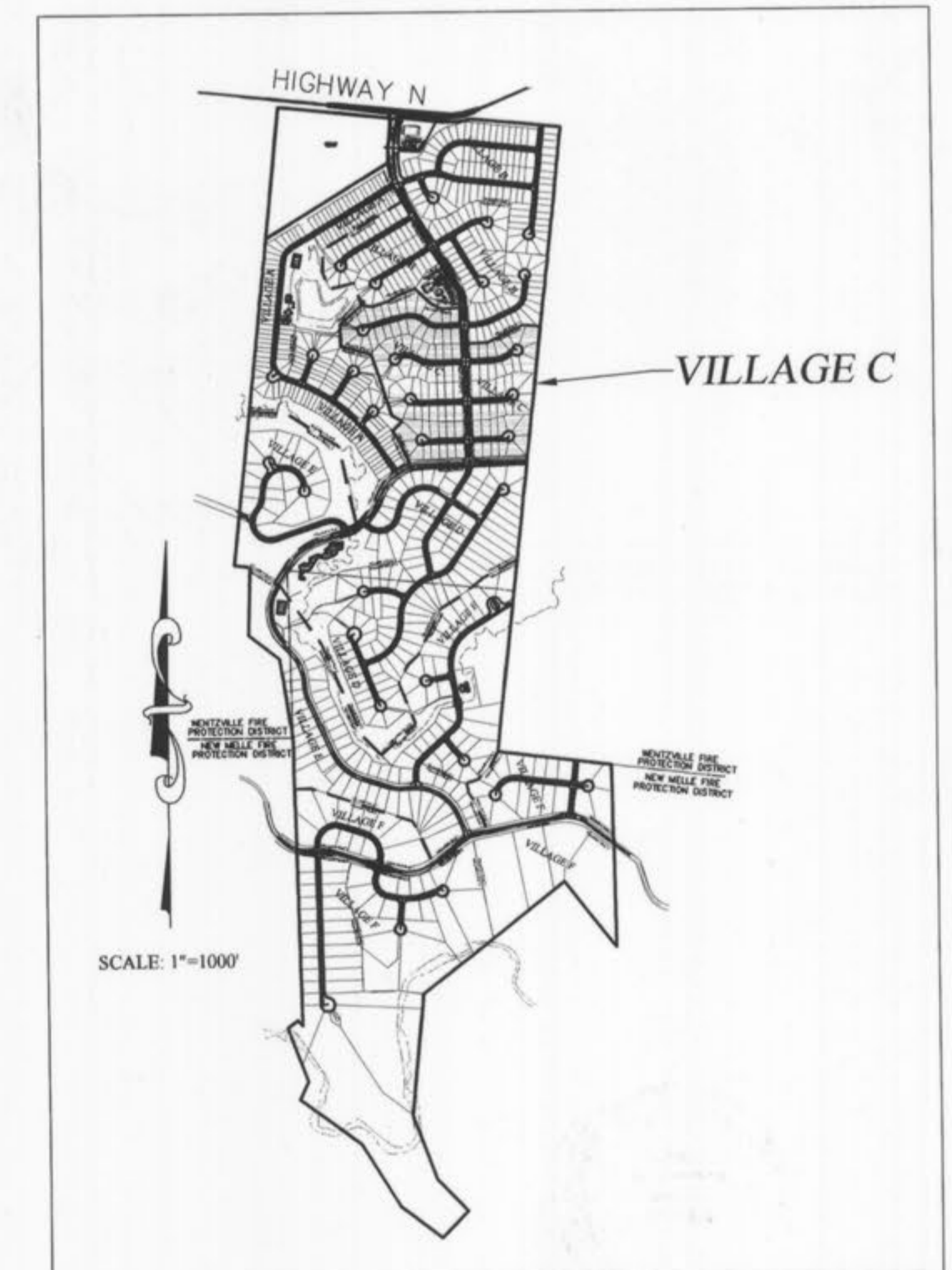
DRAWING INDEX

Sheet	Description
58C	VILLAGE "C" COVER SHEET
59C-60C	VILLAGE "C" SITE PLAN
61C-62C	VILLAGE "C" GRADING PLAN
63C-64C	VILLAGE "C" STREET PROFILES
65C-66C	VILLAGE "C" SANITARY SEWER PROFILES
67C-68C	VILLAGE "C" STORM SEWER PROFILES
69C-70C	VILLAGE "C" DRAINAGE AREA MAP
71C-72C	VILLAGE "C" WATER LAYOUT
73C	VILLAGE "C" LANDSCAPING PLAN
13A	VILLAGE "A" SITE PLAN
21A	VILLAGE "A" STORM SEWER PROFILES

VILLAGE C-1 "AS-BUILTS"

11/06/06: AS-BUILTS REVISED PER CITY COMMENTS DATED 10/23/06
 3/28/07: AS-BUILTS REVISED PER CITY COMMENTS DATED 2/28/07

REVISIONS		
NO.	DATE	DESCRIPTION
8	03/25/05	REVISED PER P.W.S.D #2
9	04/08/05	REVISED PER CITY OF O'FALLON & CLIENT
10	04/13/05	REVISED PER CITY
16	09/09/05	REVISED PER AMENITY PLAN SHEET 73C
17	09/12/05	CORRECT SHEET 65C: SAN. PROFILE MH 296-MH 297
18	10/28/05	SURPLUS A-JOINTS ELIMINATED



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CIVIL ENGINEERS
 PLANNERS
 LAND SURVEYORS

WYNDGATE
 VILLAGE C
 COVER SHEET

239 FOX HILL ROAD
 ST. CHARLES, MO. 63011
 (636) 940-9300

Prepared For:
SUMMIT POINTE, L.C.

NO.	DATE	REVISIONS
1	10/25/04	REVISED PER CITY
2	02/16/05	REVISED PER CITY OF O'FALLON
3	03/25/05	REVISED PER P.W.S.D #2
4	04/08/05	REVISED PER CITY & CLIENT
5	04/13/05	REVISED PER CITY
6	09/09/05	REVISED PER AMENITY PLAN SHEET 73C
7	09/12/05	CORRECT SHEET 65C: SAN. PROFILE MH 296-MH 297
8	10/28/05	SURPLUS A-JOINTS ELIMINATED

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 The responsibility for 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 this project and specifically excludes revisions after this date unless reauthenticated.
PICKETT, RAY & SILVER, INC

DRAWN	J.E.E.	DATE	6-29-04
CHECKED	D.W.D.	DATE	6-29-04
PROJECT #	01267.SUPQ.02R	FIELD BOOK	
TASK #	2	FIELD BOOK	

WYNDGATE
 VILLAGE C
 COVER SHEET
 SHEET 58C OF 174
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ON-STREET BIKE PATH MARKINGS:
REFER TO MUTCD SECTION 9C.04

TEMP. E.O.P.
LENGTH 32'
PL=575.68

"AS-BUILTS" 7/14/06
 REVISED 11/06/06 PER CITY COMMENTS DATED 10/25/06
 ADDITIONAL AS-BUILTS: 1/26/07
 REVISED 3/28/07 PER CITY COMMENTS DATED 2/28/07



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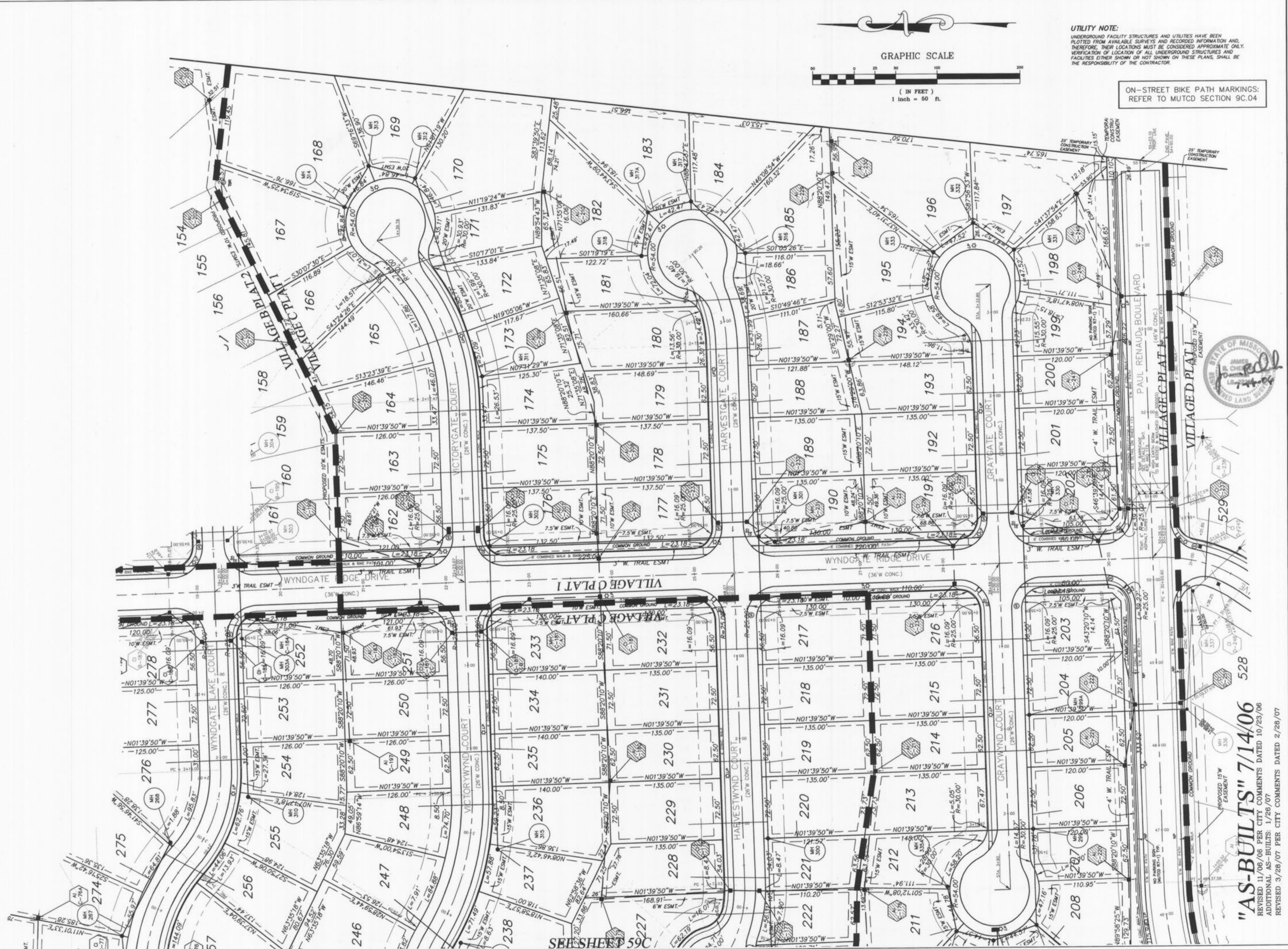
WYNDGATE VILLAGE C
 VILLAGE C
 SITE PLAN
 Prepared For:
SUMMIT POINTE, L.C.
 239 FOX HILL ROAD
 ST. CHARLES, MO 63301
 (636) 940-8977

REVISONS	NO.	DATE	REVISION
	1	10/25/04	REVISED PER CITY
	3	12/20/04	REVISED PER DCSB
	4	2/03/05	REVISED PER DCSB
	6	02/18/05	REVISED PER CITY & CLIENT
	9	4/08/05	SUPPLIES A-JOINTS ELIMINATED
	10	10/20/05	AS-BUILTS
	10	7/17/06	AS-BUILTS

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PROJECT #	01267-SUPO.02R		
TASK #	2	FIELD BOOK	

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UTILITY NOTE:
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ON-STREET BIKE PATH MARKINGS:
REFER TO MUTCD SECTION 9C.04

"AS-BUILTS" 7/14/06
REVISED 11/06/06 PER CITY COMMENTS DATED 10/23/06
ADDITIONAL AS-BUILTS: 1/26/07
REVISED 3/28/07 PER CITY COMMENTS DATED 2/28/07

WYNDGATE VILLAGE C
SITE PLAN

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Prepared For:
SUMMIT POINTE, L.C.

REVISIONS

NO.	DATE	REVISION PER CITY
1	10/25/04	REVISED PER CITY
3	12/20/04	REVISED PER DCSD
4	2/03/05	REVISED PER DCSD
6	02/19/05	REVISED PER CITY OF JEFFERSON
9	4/09/05	REVISED PER CITY & CLIENT
10	4/13/05	REVISED PER CITY
16	10/29/06	SURPLUS A-JOINTS ELIMINATED
17	7/17/06	"AS-BUILT"

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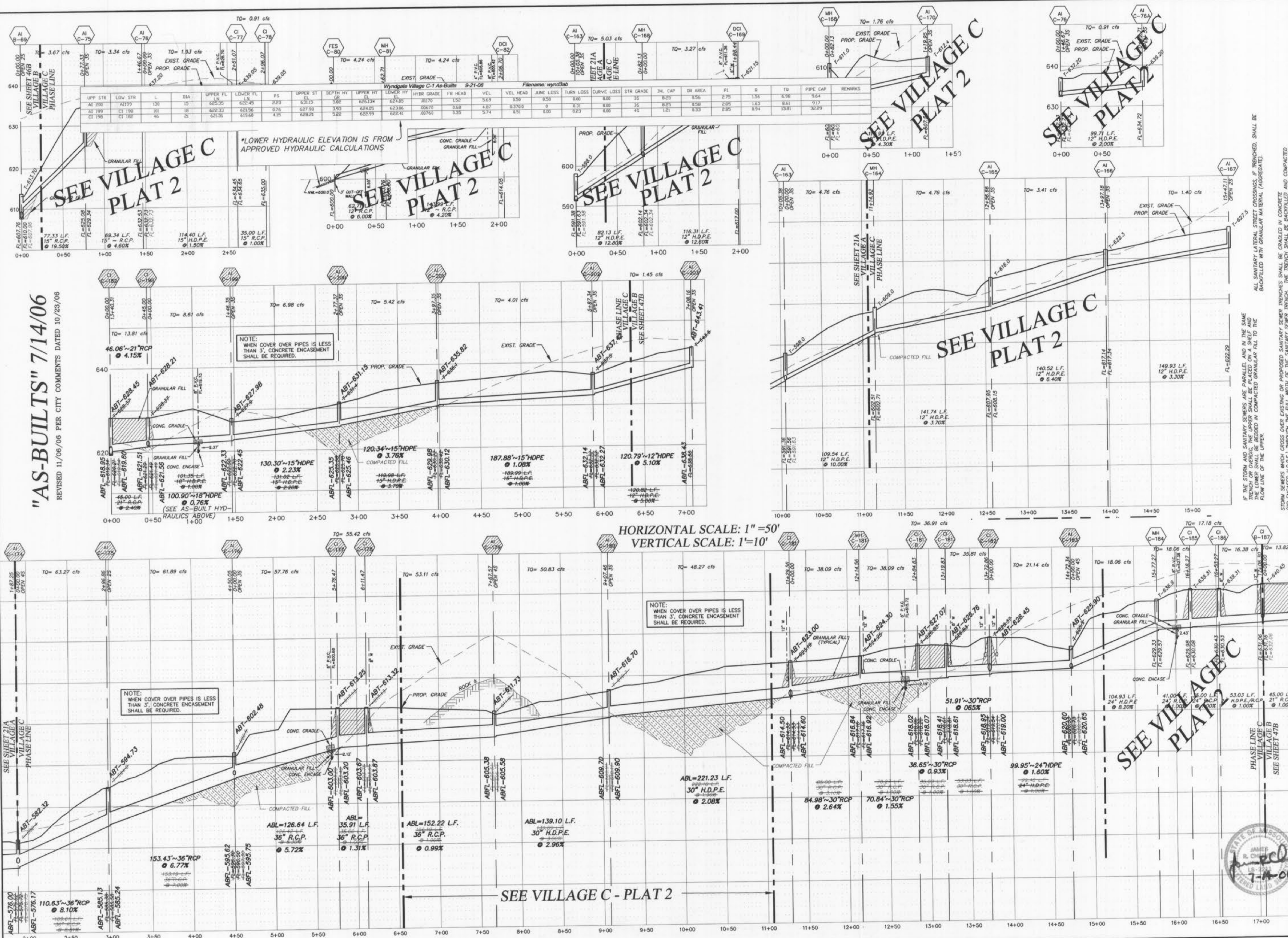
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DRAWN	JEF	DATE	6-29-04
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PROJECT #	01267-SUPP.02R		
TASK #	2	FIELD BOOK	

WYNDGATE VILLAGE C
SITE PLAN
SHEET 60C OF 174
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"AS-BUILTS" 7/14/06

REVISED 11/06/06 PER CITY COMMENTS DATED 10/23/06



File name: wynculab

UPP STR	LDW STR	L	DIA	UPPER FL	LOWER FL	PS	UPPER ST	DEPTH	UPPER HT	LOWER HT	VEL	VEL HEAD	JUNC LOSS	TURN LOSS	CURVE LOSS	STR GRADE	INC. CAP	DR AREA	PI	Q	TQ	PIPE CAP	REMARKS
AI 200	AI 199	130	15	625.35	622.45	2.23	6.313	5.82	626.13	624.35	3.87	3.87	0.00	0.00	0.00	35	8.25	0.58	2.85	1.63	8.61	9.17	
AI 199	CI 198	181	18	623.33	621.56	8.76	6.2798	3.93	624.25	623.56	5.68	4.87	0.3753	0	0.31	0.88	35	8.25	0.58	2.85	1.63	13.81	32.29
CI 198	CI 182	46	21	621.31	619.68	4.15	6.2821	3.62	625.99	622.41	5.74	5.51	0.80	0.23	0.86	45	1.21	0.33	2.85	0.94			

*LOWER HYDRAULIC ELEVATION IS FROM APPROVED HYDRAULIC CALCULATIONS

NOTE: WHEN COVER OVER PIPES IS LESS THAN 3', CONCRETE ENCASUREMENT SHALL BE REQUIRED.

IF THE STORM AND SANITARY SEWERS ARE PARALLEL AND IN THE SAME TRENCH OR OVERLAP, THE UPPER SHALL BE PLACED ON A SLOPE AND THE LOWER IN COMPACTED GRANULAR FILL TO THE FLOW LINE OF THE UPPER.

STORM SEWERS WHICH CROSS OVER EXISTING OR PROPOSED SANITARY SEWER TRENCHES SHALL BE GRADED IN CONCRETE (OR ENCASED IN 12\"/>

ALL SANITARY LATERAL STREET CROSSINGS, IF TRENCHED, SHALL BE BACKFILLED WITH GRANULAR MATERIAL (AGGREGATE).

SEE VILLAGE C PLAT 2

SEE VILLAGE C PLAT 2

SEE VILLAGE C PLAT 2

SEE VILLAGE C PLAT 2

SEE VILLAGE C PLAT 2

SEE VILLAGE C PLAT 2

SEE VILLAGE C PLAT 2

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SEE VILLAGE C PLAT 2

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WYNDGATE VILLAGE C
 STORM SEWER PROFILES

Prepared For:
SUMMIT POINTE, L.C.

219 FOX HILL ROAD
 ST. CHARLES, MO 63301
 (636) 940-9500

NO.	DATE	REVISIONS
1	11/09/04	REVISED PER PWSH No. 2
2	12/20/04	REVISED PER DCSH
3	01/20/05	REVISED PER CITY OF FALLS
4	05/18/05	REVISED PER CITY OF FALLS
5	04/18/06	REV. PER NEW LOT LINES

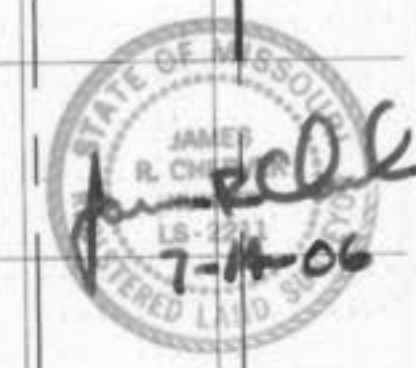
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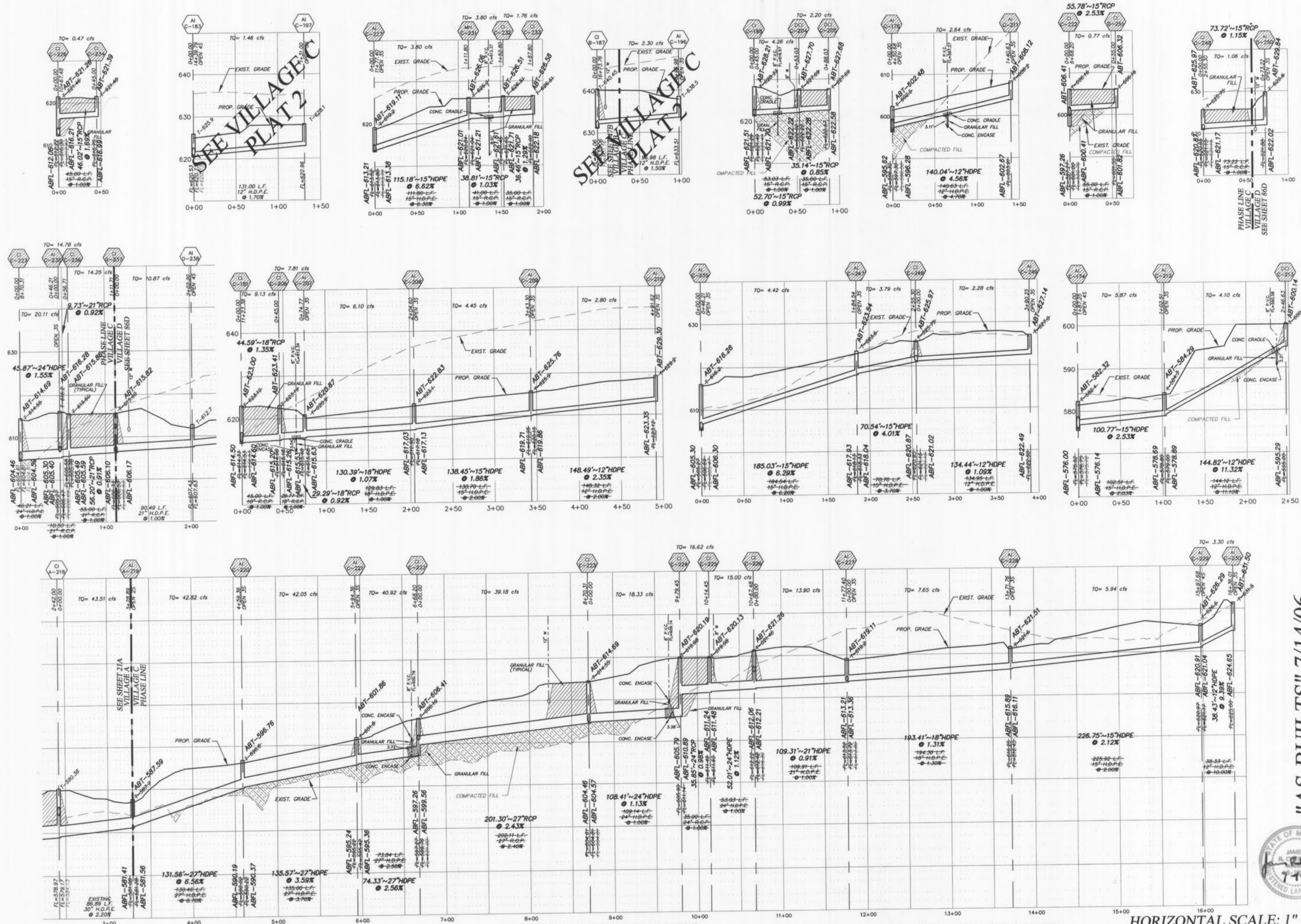
PICKETT, RAY & SILVER, INC.

DRAWN	DATE
JEE	6-29-04
CHECKED	DATE
DWD	6-29-04
PROJECT #	01267-SUPD.02R
TASK #	2 FIELD BOOK

WYNDGATE VILLAGE C
 STORM SEWER PROFILES
 SHEET 67C OF 174

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SEE VILLAGES C PLAT 2

SEE VILLAGES C PLAT 2

"AS-BUILTS" 7/14/06

REVISED 11/06/06 PER CITY COMMENTS DATED 10/23/06
REVISED 5/28/07 PER CITY COMMENTS DATED 2/28/07

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

ALL SANITARY LATERAL STREET CROSSINGS, IF TRENCHED, SHALL BE BACKFILLED WITH GRANULAR MATERIAL (AGGREGATE).

IF THE STORM AND SANITARY SEWERS ARE PARALLEL AND IN THE SAME TRENCH OR OVERDIE, THE UPPER SHALL BE PLACED ON A SHELF AND THE LOWER SHALL BE BEDDED IN COMPACTED GRANULAR FILL TO THE FLOW LINE OF THE UPPER.

STORM SEWERS WHICH CROSS OVER EXISTING OR PROPOSED SANITARY SEWER TRENCHES SHALL BE CRADLED IN CONCRETE (OR ENCASED H.D.P.E.) THROUGH THE FULL WIDTH OF THE SANITARY SEWER TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED GRANULAR FILL TO THE BOTTOM OF THE CONCRETE CRADLE.

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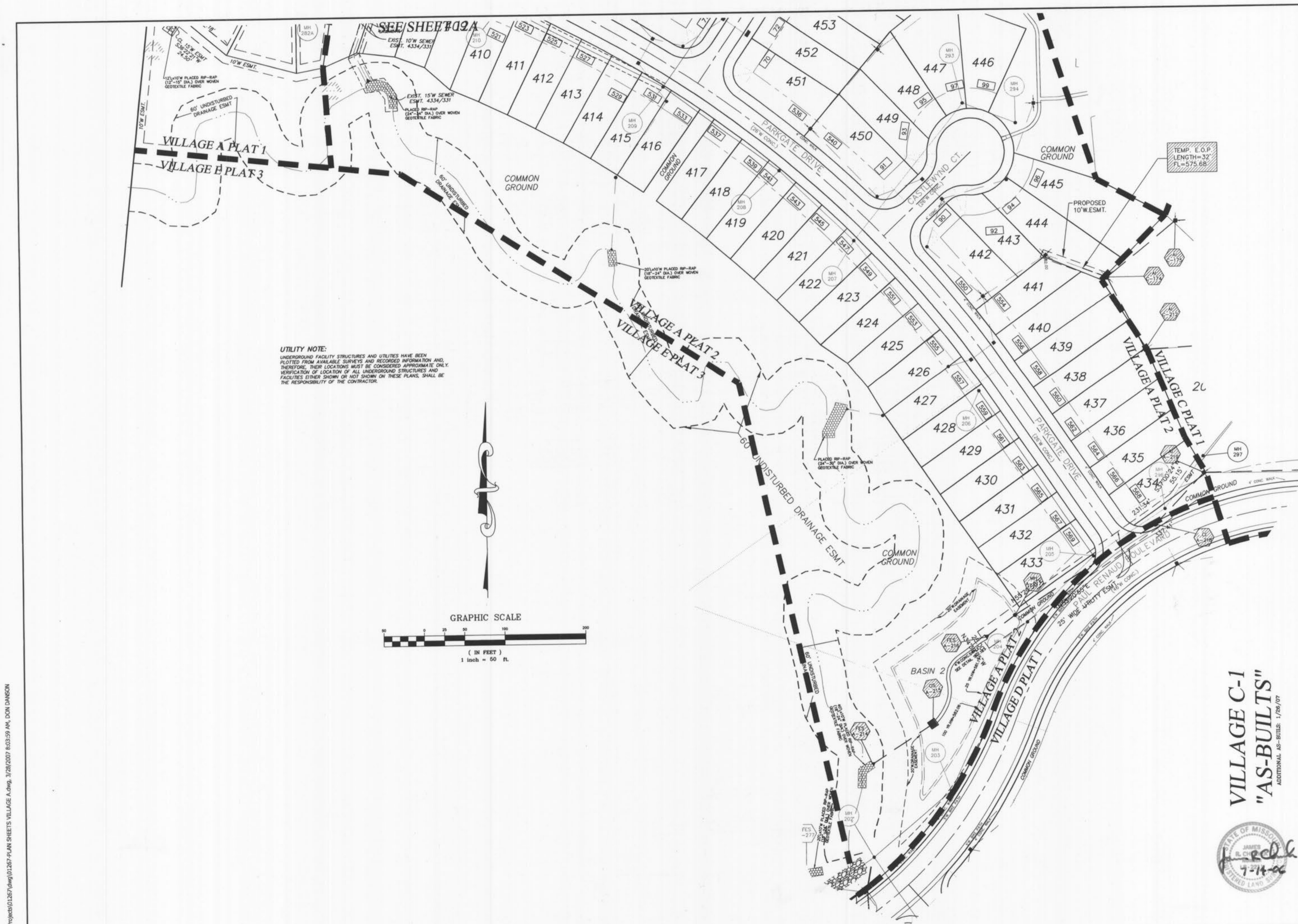
WYNDGATE
 VILLAGES C
 STORM SEWER PROFILES
 Prepared For:
SUMMIT POINTE, L.C.
 239 FOX HILL ROAD
 ST. CHARLES, MO 63301
 (636) 946-9900

NO.	DATE	REVISIONS
1	10/25/04	REVISED PER CITY
2	12/09/04	REVISED PER DCSH No. 2
3	12/20/04	REVISED PER DCSH No. 3
4	01/20/05	REVISED PER CITY OF D'ALLON
6	02/18/05	REVISED PER CITY OF D'ALLON
10	04/13/05	REVISED PER CITY

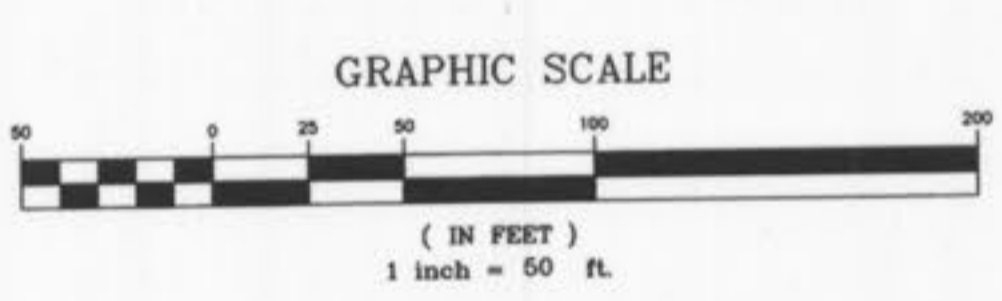
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CHECKED	DWD	DATE	6-29-04
PROJECT	01267-SUPO.02R		
TASK #	2	FIELD BOOK	

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**VILLAGE C-1
 "AS-BUILTS"**
 ADDITIONAL AS-BUILTS: 1/26/07



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**WYNDGATE
 VILLAGE A
 SITE PLAN**
 Prepared For:
SUMMIT POINTE, L.C.
 239 FOX HILL ROAD
 ST. CHARLES, MO 63301
 (636) 940-8977

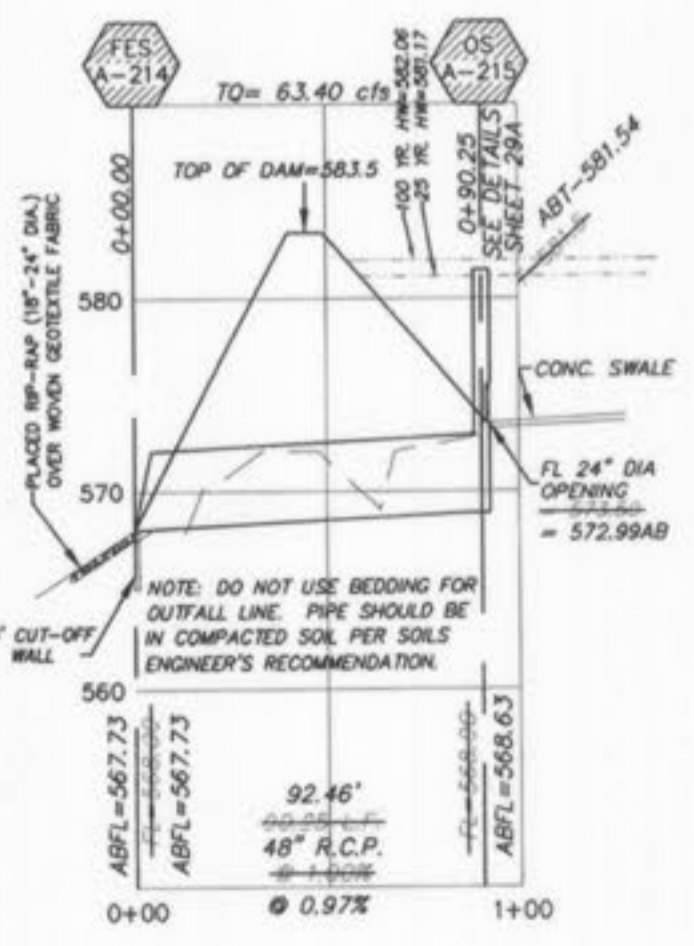
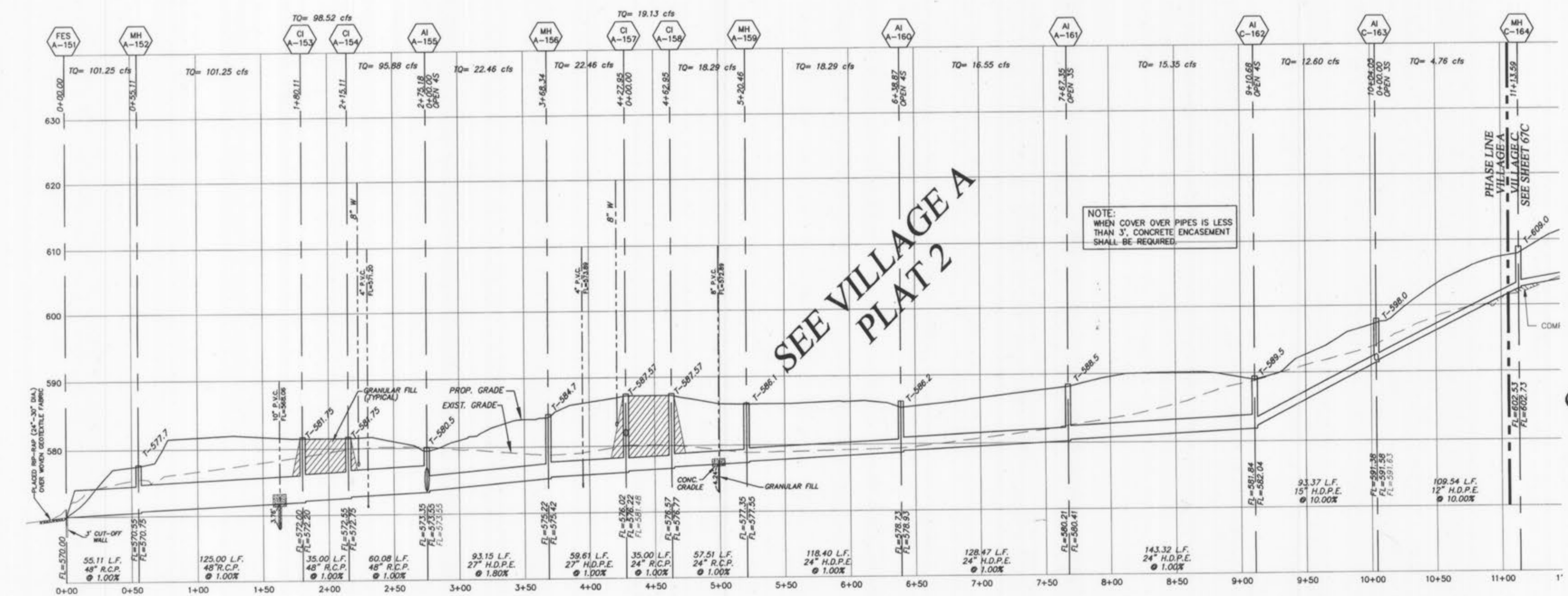
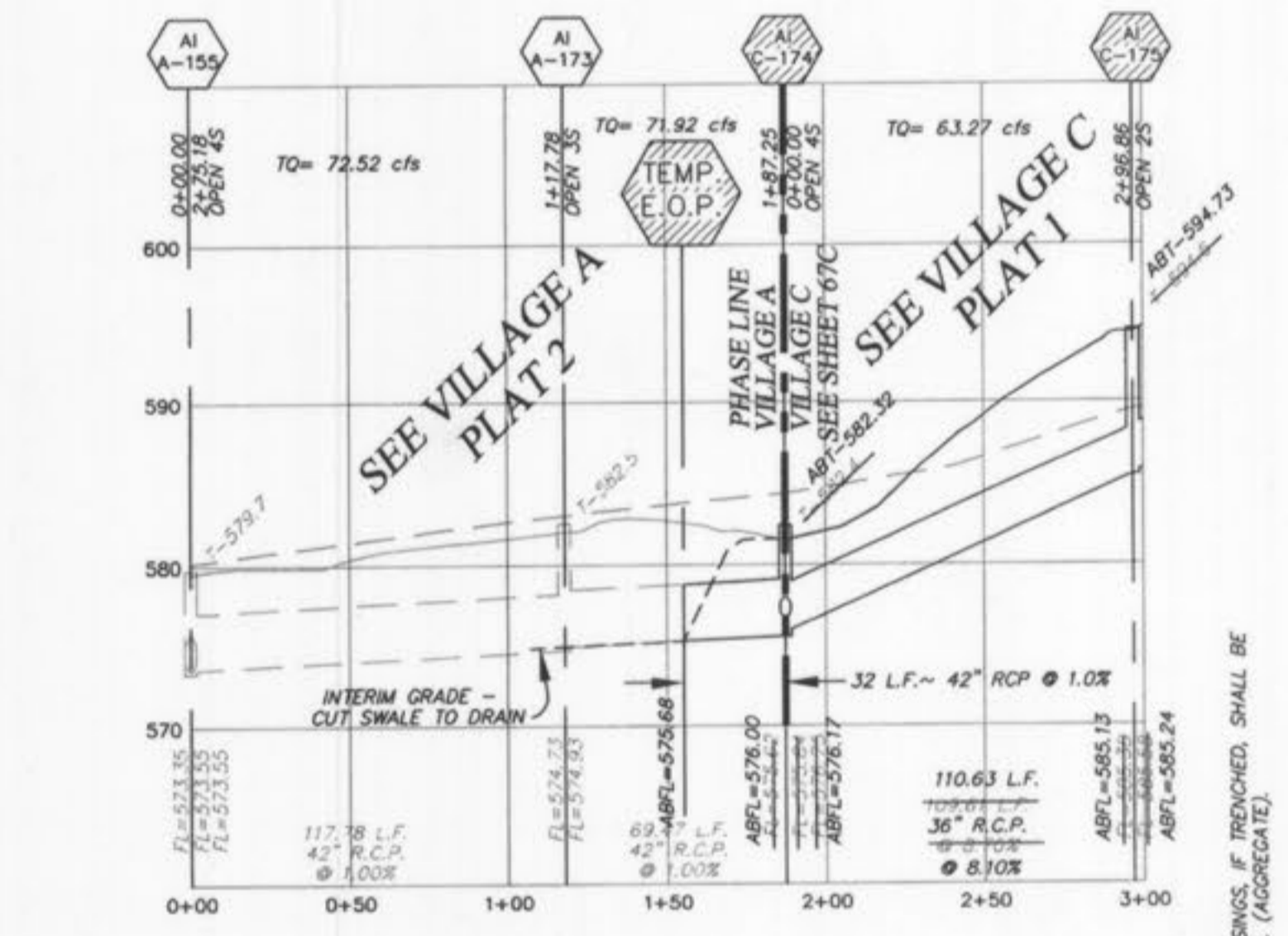
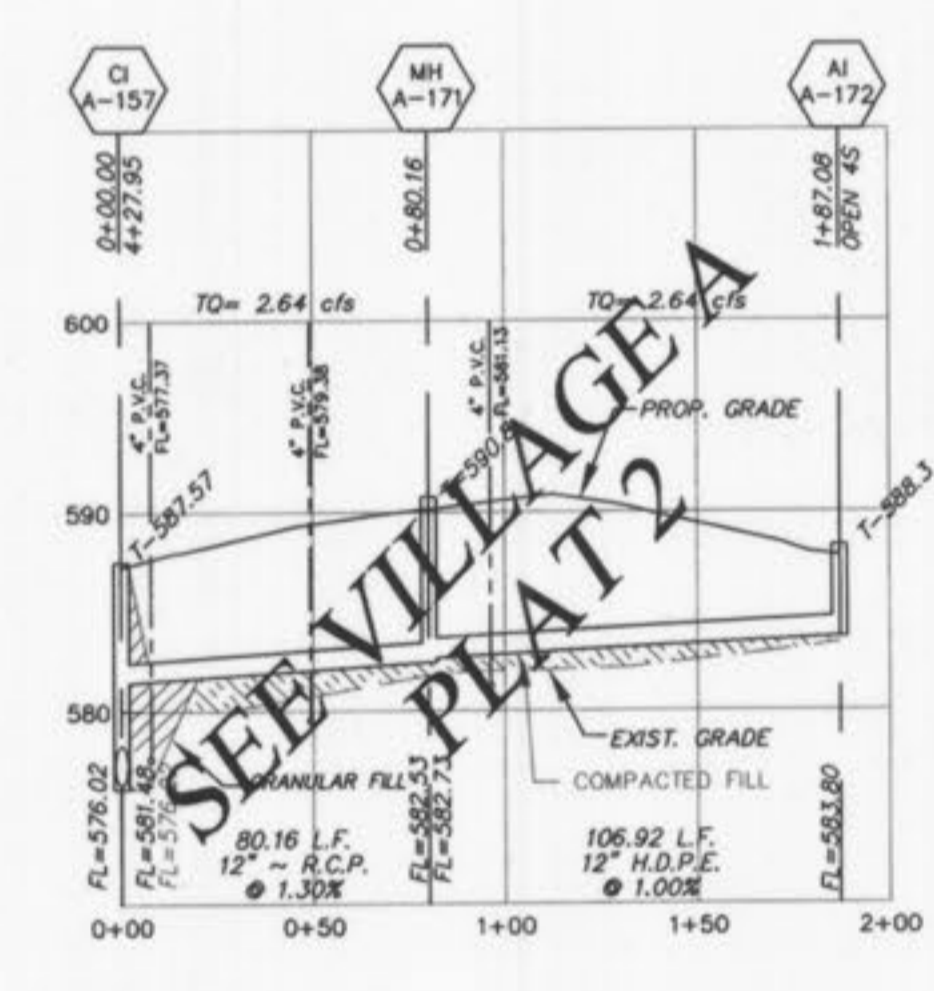
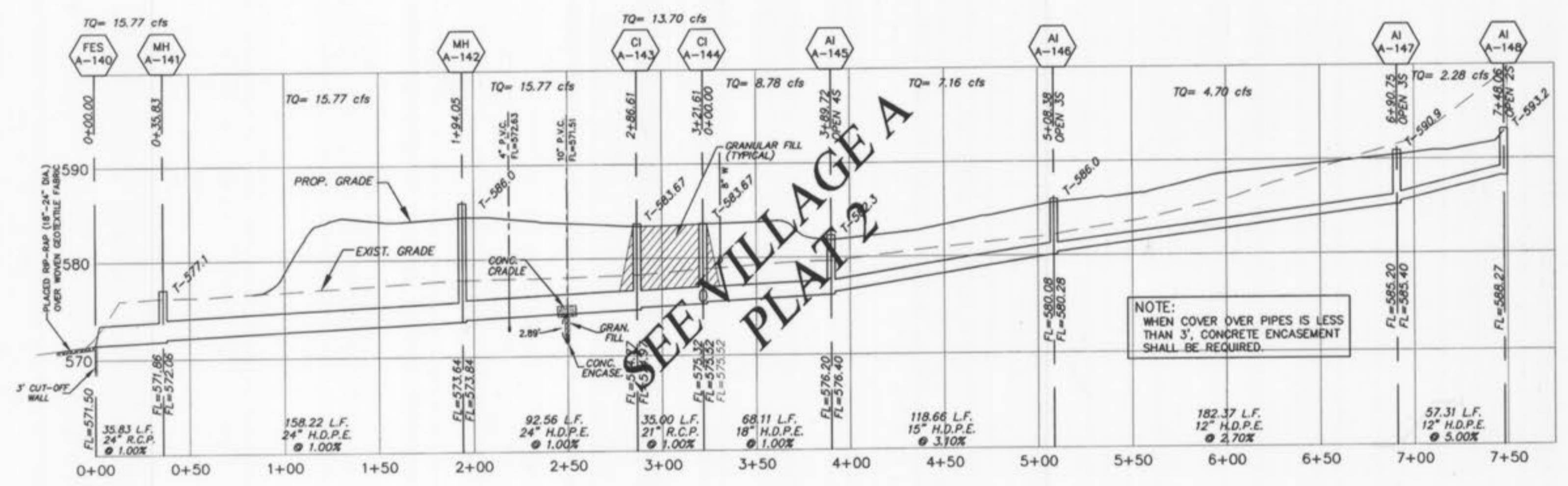
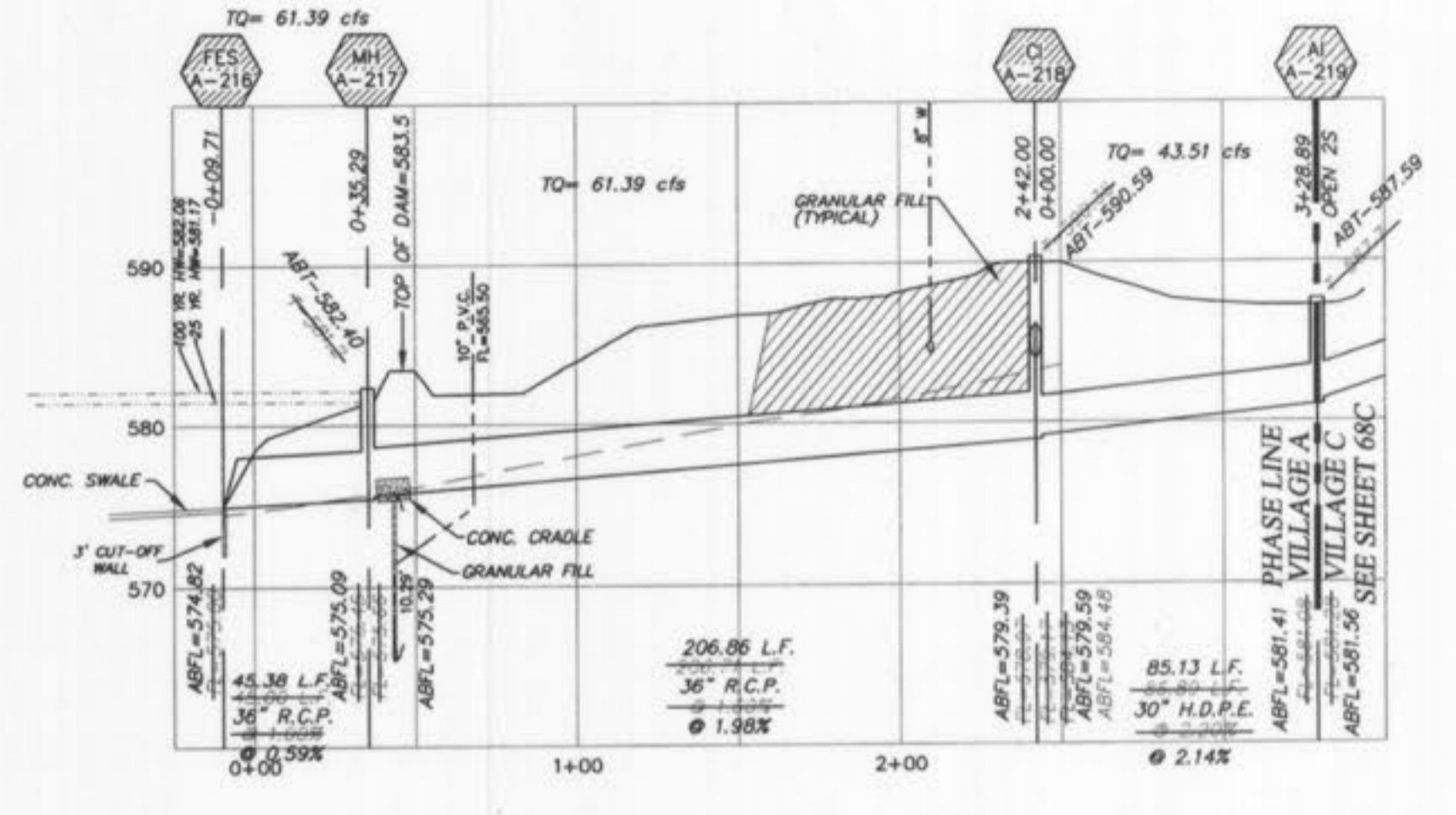
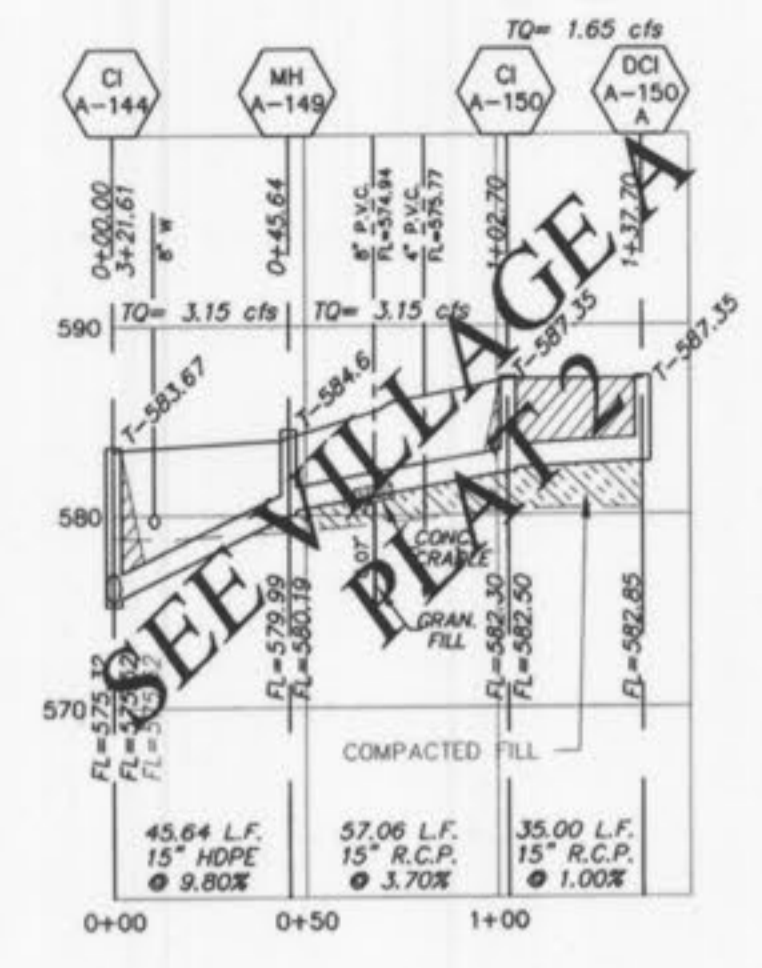
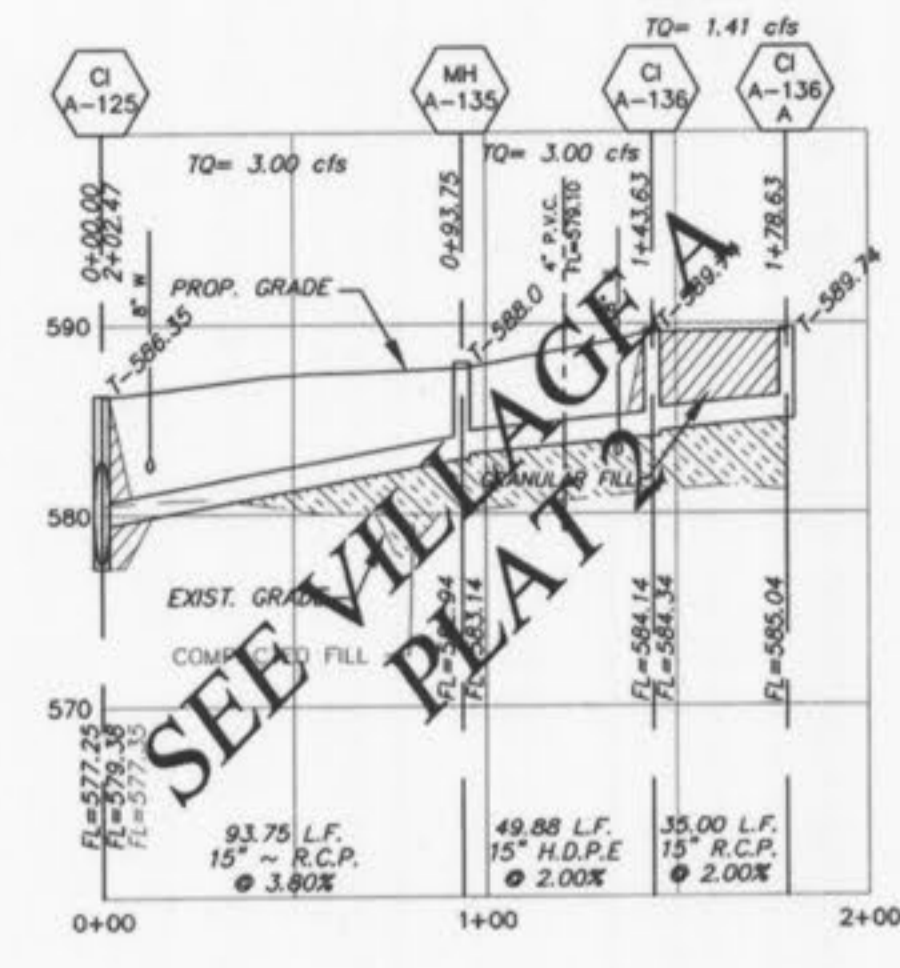
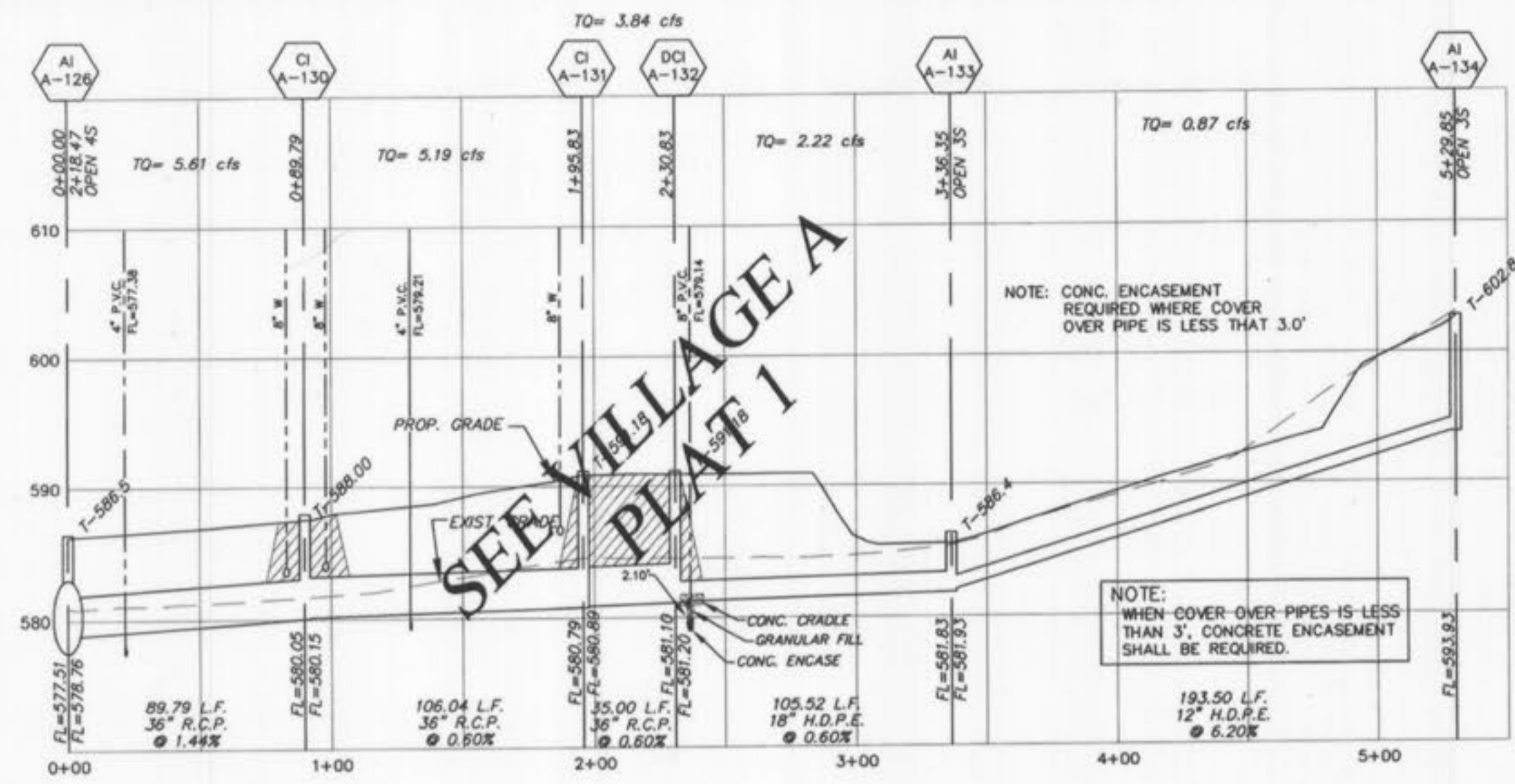
REVISIONS NO.	DATE	REVISED PER CITY
1	10/25/04	REVISED PER DCSD
2	12/20/04	REVISED PER DCSD
3	2/03/05	REVISED PER CITY OF O'FALLON
4	02/16/05	MOVE MH 202 PER CLIENT
5	03/09/05	REVISED PER CITY & CLIENT
6	4/08/05	REVISED PER CITY
7	4/13/05	SURPLUS A-JOINTS ELIMINATED
8	10/28/05	REV. LOT LINES PER CLIENT
9	05/05/06	REV. LOT LINES PER CLIENT
10	08/30/06	RAISE PORTION OF SITE E

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DRAWN	JEE	DATE	6-29-04
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PROJECT #	01267-SUPO.02R		
TASK #	2	FIELD BOOK	

WYNDGATE VILLAGE A SITE PLAN
 SHEET 13A OF 174
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VILLAGE C-1 "AS-BUILTS" 2/05/07



STORM SEWERS WHICH CROSS OVER EXISTING OR PROPOSED SANITARY SEWER TRENCHES SHALL BE GRADED IN CONCRETE (OR ENCASED IN D.P.E.) THROUGH THE FULL WIDTH OF THE SANITARY SEWER TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED GRANULAR FILL TO THE BOTTOM OF THE CONCRETE GRADE.

ALL SANITARY LATERAL STREET CROSSINGS, IF REMOVED, SHALL BE BACKFILLED WITH GRANULAR MATERIAL (AGGREGATE).

IF THE STORM AND SANITARY SEWERS ARE PARALLEL, AND IN THE SAME TRENCH OR OVERING, THE UPPER SHALL BE PLACED ON A SHELFF AND THE LOWER SHALL BE PLACED IN COMPACTED GRANULAR FILL TO THE FLOW LINE OF THE UPPER.

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WYNDGATE
 VILLAGE A
 STORM SEWER PROFILES

Prepared For:
SUMMIT POINTE, L.C.

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NO.	DATE	REVISIONS
1	10/25/04	REVISED PER CITY
2	12/09/04	REVISED PER PWSID No. 2
3	12/20/04	REVISED PER DCSID
4	01/20/05	REVISED PER CITY OF O'FALLON
5	02/18/05	REVISED PER CITY AND CLIENT
6	04/09/05	REVISED PER CITY
7	04/15/05	REVISED PER CITY
8	3/28/07	REVISE VILL C-1 AS-BUILTS PER CITY COMMENTS DATED 2/28/07.

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